Yahoo Group Archive: FT897 (2009)

Yahoo Group summary: Discussion of the FT-897 & FT-897D

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2009-01-01 through 2009-12-31, plus 15 messages with implausible archived dates

Archived timestamps before 1997-01-01 or after 2020-12-16 are flagged as implausible and excluded from the date span; their original values remain in the message headers and manifests.

Source WARC: ft897.bQ0OmMT.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-04-10T17-21-32Z-639863

Messages included in this PDF: 4076

Message records with no body available in the source archive: 1

Messages omitted as spam from this PDF: 2

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

24492. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-01-01 10:27:25 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 24492

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

24493. TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-01 16:06:36 UTC
From: MASH
Topic: 24493 Message: 24493

Happy New Year Everyone:
I am getting a "TX Error" message. When I searched the manual
for the key words "TX Error" the search came back with 0
results. I suspect this is not a High SWR error for the FT-897D
has another message for that. Nevertheless I check my SWR with
an antenna analyzer and its coax loss and they are normal. I
also physically checked all connections and they are normal. Any
ideas on solving this problem?
73, Cliff, AC6C
--
MASH
mash4077@...

--
http://www.fastmail.fm - Email service worth paying for. Try it for free

[Non-text portions of this message have been removed]

24494. Re: [FT897] TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-01 16:18:08 UTC
From: Paul Graham
Topic: 24493 Message: 24494

Hello Cliff,

You are transmitting within an alocated band aren't you? Only you get that message when trying to transmit out of band.

Thanks,

Paul.

From: MASH <mash4077@...>
To: To Post FT-897 Listserv <FT897@yahoogroups.com>
Sent: Thursday, 1 January, 2009 16:06:36
Subject: [FT897] TX Error Message

Happy New Year Everyone:
I am getting a "TX Error" message.. When I searched the manual
for the key words "TX Error" the search came back with 0
results. I suspect this is not a High SWR error for the FT-897D
has another message for that. Nevertheless I check my SWR with
an antenna analyzer and its coax loss and they are normal. I
also physically checked all connections and they are normal. Any
ideas on solving this problem?
73, Cliff, AC6C
--
MASH
mash4077@mailsent. net

--
http://www.fastmail .fm - Email service worth paying for. Try it for free

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24495. Re: [FT897] TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-01 16:25:03 UTC
From: kc3vo@aol.com
Topic: 24493 Message: 24495

You are very likely attempting to transmit OUTSIDE of a ham band-LOOK at the frequency being displayed, DURING TRANSMIT ATTEMPT (Not during RECEIVE)-73, KC3VO-Bob Curry
**********Stay up-to-date on the latest news - from fashion trends to celebrity break-ups and everything in between.
(http://www.aol.com/?ncid=emlcntaolcom00000024)

[Non-text portions of this message have been removed]

24496. RE: [FT897] TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-01 23:49:42 UTC
From: Eric van de Weyer
Topic: 24493 Message: 24496

Hi Cliff,

The message is telling you that you are attempting to transmit out of band. If you are set to an in-band frequency, check that you don't have either the repeater offset on, which could be pushing your transmit out of band, or that you don't have a split set which takes you out of band.

The other possibility is that the radio is set for the wrong region so it is out of band for that region, even if it isn't for your region. For instance, if you have a radio which is set up for Australia and you are trying to transmit between 3.7 and 4.0 MHz, you will get this message as in VK our 80m band only goes up to 3.8 max.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of MASH
Sent: Friday, 2 January 2009 03:07
To: To Post FT-897 Listserv
Subject: [FT897] TX Error Message

Happy New Year Everyone:
I am getting a "TX Error" message. When I searched the manual for the key words "TX Error" the search came back with 0 results. I suspect this is not a High SWR error for the FT-897D has another message for that. Nevertheless I check my SWR with an antenna analyzer and its coax loss and they are normal. I also physically checked all connections and they are normal. Any ideas on solving this problem?
73, Cliff, AC6C
--
MASH
mash4077@...

--
http://www.fastmail.fm - Email service worth paying for. Try it for free

[Non-text portions of this message have been removed]

Yahoo! Groups Links

24497. Re: [FT897] TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-02 00:03:37 UTC
From: Brandon Cruz
Topic: 24493 Message: 24497

The 'TX Error' can also appear when the rig is operating in a band where TX is allowed if a key (or set of paddles) is shorted when the rig is powered on. If I accidentally have a key paddle pushed when the rig is turned on that condition can occur. If you have a key or paddles connected try unplugging it and then powering the rig off and then back on to see if it clears the message. If you don't have a key connected you might want to check the jack to see if it has a problem. The 897D will do strange things if the rig powers up with a key closed.

_____
From: Eric van de Weyer <eric@...>
To: FT897@yahoogroups.com
Sent: Thursday, January 1, 2009 5:49:42 PM
Subject: RE: [FT897] TX Error Message

Hi Cliff,

The message is telling you that you are attempting to transmit out of band.
If you are set to an in-band frequency, check that you don't have either the
repeater offset on, which could be pushing your transmit out of band, or
that you don't have a split set which takes you out of band.

The other possibility is that the radio is set for the wrong region so it is
out of band for that region, even if it isn't for your region. For instance,
if you have a radio which is set up for Australia and you are trying to
transmit between 3.7 and 4.0 MHz, you will get this message as in VK our 80m
band only goes up to 3.8 max.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of MASH
Sent: Friday, 2 January 2009 03:07
To: To Post FT-897 Listserv
Subject: [FT897] TX Error Message

Happy New Year Everyone:
I am getting a "TX Error" message. When I searched the manual
for the key words "TX Error" the search came back with 0
results. I suspect this is not a High SWR error for the FT-897D
has another message for that. Nevertheless I check my SWR with
an antenna analyzer and its coax loss and they are normal. I
also physically checked all connections and they are normal. Any
ideas on solving this problem?
73, Cliff, AC6C
--
MASH
mash4077@mailsent. net

--
http://www.fastmail .fm - Email service worth paying for. Try it for free

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

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24499. HSWR using Atlas 120

Yahoo group: FT897 (2009)
Date: 2009-01-01 19:24:58 UTC
From: gardfire5
Topic: 24499 Message: 24499

I am new to the world of HF. I got my general license in August and I am just now getting into HF. My 897 is showing HSWR when I try to tuning on 40 meters. It takes forever to tune on 40m but it is right on the money at 20m. Here's the set up, 897 into a double male PL-259=>6ft coax into the MFJ 4602=> 50 coax into a double female PL-259 into K400C which rests my Atlas 120. It's mounted into the ground roughly 2 ft on a steel post. Like I said I am new to HF and trying to learn as much as possible. I am pretty sure that it is grounded well. I am really looking forward to working 40 meters. I am renting right now so anything below that is not possible with the set up that I am at right now. Any advise or websites that will be able to help this dumb hammer would be great. Thanks.
73s
Patrick Saucier
KB1QVJ

24501. Re: TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-01 16:14:04 UTC
From: bill.perkins27
Topic: 24493 Message: 24501

--- In FT897@yahoogroups.com, "MASH" <mash4077@...> wrote:
>
> Happy New Year Everyone:
> I am getting a "TX Error" message. When I searched the manual
> for the key words "TX Error" the search came back with 0
> results. I suspect this is not a High SWR error for the FT-897D
> has another message for that. Nevertheless I check my SWR with
> an antenna analyzer and its coax loss and they are normal. I
> also physically checked all connections and they are normal. Any
> ideas on solving this problem?
> 73, Cliff, AC6C
> --
> MASH
> mash4077@...
>

You are most likely getting this "TX ERROR" message because you are trying to transmit a signal on an invalid frequency.

73, Bill

24502. Re: [FT897] 897D (dog)

Yahoo group: FT897 (2009)
Date: 2009-01-02 02:33:51 UTC
From: customgraphics!
Topic: 24498 Message: 24502

talked to ken... he got it reset & will resume his hf/vhf work after a "cooling-off" period :)

----- Original Message -----
From: "ken groves" <n8kg@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, December 31, 2008 12:21 PM
Subject: [FT897] 897D (dog)

I have an 897D that is giving me fits. Is there a sequence that gives a complete reset of
the rig?

Here is the problems; It worked fine on HF. I talked to several of the locals. I worked it on
all HF bands. I saved some of the frequencies (HF) into memory. All seemed to be in good
condition. Then I went to 2 meters, selected several of the local repeaters, did all that is necessary to get them going. I talked to a couple of them with no problem. I put them into memory and they worked ok. But when I am in memory mode and turn off of the 2 meter repeaters to an HF frequency the radio keys up. Go back to a 2 meter frequency and it is fine. Then I go to VFO mode, a or b, and attempt to change the frequency and the VFO dial does not work. It turns but there is no movement of frequency. I have no idea what I have done or what has happened to the rig. Any help would be appreciated.

de N8KG/Ken
304 765 5730 after 6 pm est

PS. Can you go to jail for shooting a radio?

[Non-text portions of this message have been removed]

24503. Re: [FT897] HSWR using Atlas 120

Yahoo group: FT897 (2009)
Date: 2009-01-02 03:32:36 UTC
From: Jim Coon
Topic: 24499 Message: 24503

can you put some radials on the base of the ATAS120? That might help to have some tuned to 40m. I was able to get my ATAS 100 to tune to forty by mounting it on a bed frame and then touching up the tuning manually using the [UP] [Down] buttons.

A vertical antenna uses it's reflection against the ground plane to complete the other half of the wave, so try running at least one wire from the grounded part of the antenna mount I'd try making it as long as the antenna. The more the merrier too. but use at least one.

gardfire5 wrote:
>
> I am new to the world of HF. I got my general license in August and I
> am just now getting into HF. My 897 is showing HSWR when I try to
> tuning on 40 meters. It takes forever to tune on 40m but it is right
> on the money at 20m. Here's the set up, 897 into a double male PL-
> 259=>6ft coax into the MFJ 4602=> 50 coax into a double female PL-259
> into K400C which rests my Atlas 120. It's mounted into the ground
> roughly 2 ft on a steel post. Like I said I am new to HF and trying to
> learn as much as possible. I am pretty sure that it is grounded well.
> I am really looking forward to working 40 meters. I am renting right
> now so anything below that is not possible with the set up that I am at
> right now. Any advise or websites that will be able to help this dumb
> hammer would be great. Thanks.
> 73s
> Patrick Saucier
> KB1QVJ
>
>

24504. Re: 897D (dog)

Yahoo group: FT897 (2009)
Date: 2009-01-02 04:57:15 UTC
From: Stewart Nelson
Topic: 24498 Message: 24504

You do know that on two meters FM the little mem/vfo knob does the tuning on 2FM? The big knob doesn't work. You have to read the book two or three times before you turn the radio on. It cuts down on the frustration. Hope this helps.

--- In FT897@yahoogroups.com, ken groves <n8kg@...> wrote:
>
>
> I have an 897D that is giving me fits. Is there a sequence that gives a complete reset of
> the rig?
>
> Here is the problems; It worked fine on HF. I talked to several of the locals. I worked it on
> all HF bands. I saved some of the frequencies (HF) into memory. All seemed to be in good
> condition. Then I went to 2 meters, selected several of the local repeaters, did all that is necessary to get them going. I talked to a couple of them with no problem. I put them into memory and they worked ok. But when I am in memory mode and turn off of the 2 meter repeaters to an HF frequency the radio keys up. Go back to a 2 meter frequency and it is fine. Then I go to VFO mode, a or b, and attempt to change the frequency and the VFO dial does not work. It turns but there is no movement of frequency. I have no idea what I have done or what has happened to the rig. Any help would be appreciated.
>
> de N8KG/Ken
> 304 765 5730 after 6 pm est
>
> PS. Can you go to jail for shooting a radio?
>
>
>
>
> [Non-text portions of this message have been removed]
>

24505. Re: [FT897] 897D (dog)

Yahoo group: FT897 (2009)
Date: 2009-01-02 09:30:08 UTC
From: Florentin Nastase
Topic: 24498 Message: 24505

Go to menu # 004 and ENABLE-it (AM&FM DIAL).
73's
Florentin YO9BXC

ps. I think not, but you shoot you money!

--- On Wed, 12/31/08, ken groves <n8kg@...> wrote:

From: ken groves <n8kg@...>
Subject: [FT897] 897D (dog)
To: FT897@yahoogroups.com
Date: Wednesday, December 31, 2008, 9:21 AM

I have an 897D that is giving me fits. Is there a sequence that gives a complete reset of the rig?

Here is the problems; It worked fine on HF. I talked to several of the locals. I worked it on
all HF bands. I saved some of the frequencies (HF) into memory. All seemed to be in good condition. Then I went to 2 meters, selected several of the local repeaters, did all that is necessary to get them going. I talked to a couple of them with no problem. I put them into memory and they worked ok. But when I am in memory mode and turn off of the 2 meter repeaters to an HF frequency the radio keys up. Go back to a 2 meter frequency and it is fine. Then I go to VFO mode, a or b, and attempt to change the frequency and the VFO dial does not work. It turns but there is no movement of frequency. I have no idea what I have done or what has happened to the rig. Any help would be appreciated.

de N8KG/Ken
304 765 5730 after 6 pm est

PS. Can you go to jail for shooting a radio?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24506. Re: Hello folks...!

Yahoo group: FT897 (2009)
Date: 2009-01-02 13:12:39 UTC
From: Tom
Topic: 24482 Message: 24506

Thanks Bill! I appreciate the warm welcome from you, as well as from
so many other members of this group!
Although I don't plan, at least not yet anyway, to be active with PSK,
I am looking forward to SSB phone work. I'll be listening for your
call! Just hope that little old MW lets me get my signal out in
response! :)
Happy New Years and, of course,
73s!!
Tom KC8TBY

--- In FT897@yahoogroups.com, "Bill" <stykemup@...> wrote:
>
> Welcom aboard Tom,
> The miracle whip will limit you until the weather breaks, but PSK is
> open all over the world at 20 watts and SSB will continue to be fun
> even with the lower power and limited antenna.
> You have a fine introduction although you can run into some hard
> comments here by only a few.
> If you're around the bands, probably 40 or 80... Take a listen for me.
> Or, if you use psk, you'll probably see me in your waterfalls.
> Good luck and see you later Tom.
> Bill
> K3WAW
> >
>

24507. Re: [FT897] TX Error Message

Yahoo group: FT897 (2009)
Date: 2009-01-02 18:13:02 UTC
From: Jim Webster
Topic: 24493 Message: 24507

What freq. are you on and what mode are you in when you get th TX-error? You may be trying to talk outside the allowable freq. and or may be in the wrong mode for that freq.
Jim KI6PYZ

From: MASH <mash4077@...>
To: To Post FT-897 Listserv <FT897@yahoogroups.com>
Sent: Thursday, January 1, 2009 8:06:36 AM
Subject: [FT897] TX Error Message

Happy New Year Everyone:
I am getting a "TX Error" message. When I searched the manual
for the key words "TX Error" the search came back with 0
results. I suspect this is not a High SWR error for the FT-897D
has another message for that. Nevertheless I check my SWR with
an antenna analyzer and its coax loss and they are normal. I
also physically checked all connections and they are normal. Any
ideas on solving this problem?
73, Cliff, AC6C
--
MASH
mash4077@mailsent. net

--
http://www.fastmail .fm - Email service worth paying for. Try it for free

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24508. Re: [FT897] 897D (dog)

Yahoo group: FT897 (2009)
Date: 2009-01-02 21:25:58 UTC
From: Peter Robinson
Topic: 24498 Message: 24508

"[HOME] + POWER on = CPU master reset for all memories and menu settings". p 65 user manual

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears this is true.

----- Original Message -----
From: ken groves
To: FT897@yahoogroups.com
Sent: Wednesday, December 31, 2008 5:21 PM
Subject: [FT897] 897D (dog)

I have an 897D that is giving me fits. Is there a sequence that gives a complete reset of the rig?

Here is the problems; It worked fine on HF. I talked to several of the locals. I worked it on
all HF bands. I saved some of the frequencies (HF) into memory. All seemed to be in good condition. Then I went to 2 meters, selected several of the local repeaters, did all that is necessary to get them going. I talked to a couple of them with no problem. I put them into memory and they worked ok. But when I am in memory mode and turn off of the 2 meter repeaters to an HF frequency the radio keys up. Go back to a 2 meter frequency and it is fine. Then I go to VFO mode, a or b, and attempt to change the frequency and the VFO dial does not work. It turns but there is no movement of frequency. I have no idea what I have done or what has happened to the rig. Any help would be appreciated.

de N8KG/Ken
304 765 5730 after 6 pm est

PS. Can you go to jail for shooting a radio?

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.552 / Virus Database: 270.10.2/1871 - Release Date: 2009-01-01 17:01

[Non-text portions of this message have been removed]

24509. Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 15:27:13 UTC
From: Tom
Topic: 24509 Message: 24509

I just received my 897D from HRO yesterday. I also ordered and received the internal power supply as well. I installed the internal power supply, connected a small portable whip antenna (for listening purposes only)and plugged the rig into a grounded three pronged wall outlet to see if everything worked. Note*** I did not transmit only used the receiver. Although the rig turned on...after about ten minutes the rig suddenly shut down. I tried shutting off the power button on the radio, shut off the internal power supply waited a few minutes then tried turning everything on again. Still dead. OK...I unplugged the molex chord, reseated it, unplugged the power chord and reseated it again, turned everything on in proper sequence and it seemed to work fine.
Now, maybe it simply was just a matter of poor connections. Maybe not?
Anyone else had this problem?
I certainly will be checking this again today BUT I just wanted to check with folks here and see IF anyone else has had this problem and/or if this is simply my doing something too soon without reading the manual.
Thanks in advance for your replies!

24510. Re: [FT897] Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 15:38:27 UTC
From: Lee Mairs (SAG)
Topic: 24509 Message: 24510

If you read the manual, you will see that the batteries are shipped uncharged. Plug it in and leave it alone for 16 hours or so.
73 de Lee
KM4YY/8

Tom wrote:
> I just received my 897D from HRO yesterday. I also ordered and
> received the internal power supply as well. I installed the internal
> power supply, connected a small portable whip antenna (for listening
> purposes only)and plugged the rig into a grounded three pronged wall
> outlet to see if everything worked. Note*** I did not transmit only
> used the receiver. Although the rig turned on...after about ten
> minutes the rig suddenly shut down. I tried shutting off the power
> button on the radio, shut off the internal power supply waited a few
> minutes then tried turning everything on again. Still dead. OK...I
> unplugged the molex chord, reseated it, unplugged the power chord and
> reseated it again, turned everything on in proper sequence and it
> seemed to work fine.
> Now, maybe it simply was just a matter of poor connections. Maybe not?
> Anyone else had this problem?
> I certainly will be checking this again today BUT I just wanted to
> check with folks here and see IF anyone else has had this problem
> and/or if this is simply my doing something too soon without reading
> the manual.
> Thanks in advance for your replies!
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> Yahoo! Groups Links
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24511. RE: [FT897] Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 16:25:23 UTC
From: John Johnson
Topic: 24509 Message: 24511

If you read the email you will see that he has the version with the internal power supply so there are no batteries to charge!

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lee Mairs (SAG)
Sent: 03 January 2009 15:38
To: FT897@yahoogroups.com
Subject: Re: [FT897] Power problem?

If you read the manual, you will see that the batteries are shipped uncharged. Plug it in and leave it alone for 16 hours or so.
73 de Lee
KM4YY/8

Tom wrote:
> I just received my 897D from HRO yesterday. I also ordered and
> received the internal power supply as well. I installed the internal
> power supply, connected a small portable whip antenna (for listening
> purposes only)and plugged the rig into a grounded three pronged wall
> outlet to see if everything worked. Note*** I did not transmit only
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> minutes the rig suddenly shut down. I tried shutting off the power
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> Anyone else had this problem?
> I certainly will be checking this again today BUT I just wanted to
> check with folks here and see IF anyone else has had this problem
> and/or if this is simply my doing something too soon without reading
> the manual.
> Thanks in advance for your replies!
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

24512. Re: [FT897] Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 16:58:33 UTC
From: Kerryguy7
Topic: 24509 Message: 24512

Hi Lee.
Thanks for the prompt reply but I am not using the batteries. I have installed the Yaesu internal power supply. No batteries to be charged at all.
'73s!

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Lee Mairs (SAG) <lmairs@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 3, 2009 10:38:27 AM
Subject: Re: [FT897] Power problem?

If you read the manual, you will see that the batteries are shipped uncharged. Plug it in and leave it alone for 16 hours or so.
73 de Lee
KM4YY/8

Tom wrote:
> I just received my 897D from HRO yesterday. I also ordered and
> received the internal power supply as well. I installed the internal
> power supply, connected a small portable whip antenna (for listening
> purposes only)and plugged the rig into a grounded three pronged wall
> outlet to see if everything worked. Note*** I did not transmit only
> used the receiver. Although the rig turned on...after about ten
> minutes the rig suddenly shut down. I tried shutting off the power
> button on the radio, shut off the internal power supply waited a few
> minutes then tried turning everything on again. Still dead. OK...I
> unplugged the molex chord, reseated it, unplugged the power chord and
> reseated it again, turned everything on in proper sequence and it
> seemed to work fine.
> Now, maybe it simply was just a matter of poor connections. Maybe not?
> Anyone else had this problem?
> I certainly will be checking this again today BUT I just wanted to
> check with folks here and see IF anyone else has had this problem
> and/or if this is simply my doing something too soon without reading
> the manual.
> Thanks in advance for your replies!
>
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> ------------ --------- --------- ------
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

24513. Re: Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 17:04:26 UTC
From: Bill Barron
Topic: 24509 Message: 24513

Sounds like a poor connection; now fixed.
But check Menu # 7 -- auto power down.

Bill W1WAB

--- In FT897@yahoogroups.com, Kerryguy7 <kerryguy7@...> wrote:
>
> Hi Lee.
> Thanks for the prompt reply but I am not using the batteries. I
have installed the Yaesu internal power supply. No batteries to be
charged at all.
> '73s!
>
>
> Thomas K. Lane
>
> Lane Computer Services
>
> http://home.comcast.net/~techman65A+ Certified & Network+
Certified ComputerTechnician
>
>
>
>
>
>
> _____
> From: Lee Mairs (SAG) <lmairs@...>
> To: FT897@yahoogroups.com
> Sent: Saturday, January 3, 2009 10:38:27 AM
> Subject: Re: [FT897] Power problem?
>
>
> If you read the manual, you will see that the batteries are
shipped
> uncharged. Plug it in and leave it alone for 16 hours or so.
> 73 de Lee
> KM4YY/8
>
> Tom wrote:
> > I just received my 897D from HRO yesterday. I also ordered and
> > received the internal power supply as well. I installed the
internal
> > power supply, connected a small portable whip antenna (for
listening

> > purposes only)and plugged the rig into a grounded three pronged
wall
> > outlet to see if everything worked. Note*** I did not transmit
only
> > used the receiver. Although the rig turned on...after about ten
> > minutes the rig suddenly shut down. I tried shutting off the
power
> > button on the radio, shut off the internal power supply waited a
few
> > minutes then tried turning everything on again. Still dead.
OK...I
> > unplugged the molex chord, reseated it, unplugged the power
chord and
> > reseated it again, turned everything on in proper sequence and it
> > seemed to work fine.
> > Now, maybe it simply was just a matter of poor connections.
Maybe not?
> > Anyone else had this problem?
> > I certainly will be checking this again today BUT I just wanted
to
> > check with folks here and see IF anyone else has had this problem
> > and/or if this is simply my doing something too soon without
reading
> > the manual.
> > Thanks in advance for your replies!
> >
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> > Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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24514. OT (a little) Logging Program??

Yahoo group: FT897 (2009)
Date: 2009-01-03 22:20:35 UTC
From: Lloyd M. Mitchell
Topic: 24514 Message: 24514

I am admitting publically that I do not have a logging program but I now want one for use in the shack.

Any suggestions on a program???

Thanks

Lloyd KO4L

24515. RE: [FT897] OT (a little) Logging Program??

Yahoo group: FT897 (2009)
Date: 2009-01-03 22:30:57 UTC
From: Dave AA6YQ
Topic: 24514 Message: 24515

Take a look at DXLab, which is free. Besides the usual logging, FT-897 transceiver control, DX spot collection and digital mode features you'll find in most applications, DXLab

- directly prints QSL labels and 4-to-a-page QSL cards

- directly prints addresses on envelopes or labels

- tracks confirmation and verification of QSOs for DXCC and TopList awards, highlighting needed DX spots, automatically generating outgoing QSLs that request confirmation of needed QSLs, identifying confirmed QSOs for submission to the ARRL DXCC desk, and generating DXCC submission paperwork

- reports progress towards DXCC, TopList, Challenge, VUCC, Marathon, WAS, WAC, IOTA, WAZ, WPX, ISA-CA, DOK, WAE, RDA, JARL, and WAB awards

- extracts address information from all 3 CDROM callbooks and QRZ.com (no advertisements for subscribers, with advertisements for non-subscribers)

- provides operations that can alter many logged QSOs simultaneously without requiring the user to modify ADIF files -- e.g. performing callbook lookups on already-logged QSOs, or adjusting the start times of QSOs logged during a specific time range, or extracting QTH information from COMMENT fields, or...

- synchronizes with LotW and eQSL.cc, initiating upload and download operations with a single mouse click without requiring the user to manually invoke TQSL

- provides one-click access to more than 80 web-accessible sources of QSL information

- displays frequency-dependent settings for devices like tuners and amplifiers

- provides both map-driven and callsign-driven operation of all known PC-controllable rotators

- captures DX spots from up to 6 sources (telnet clusters, packet clusters, DX Summit), creating and maintaining a local database with one entry for each active DX station that is color coded by "need" and LotW participation, and whose entries can be independently filtered and displayed in a table, on its world map, and on a zoomable bandspread

- extracts QSX frequencies from DX spot notes, enabling accurate transceiver setup for split frequency operation with one user action

- captures solar and geomagnetic data from WWV spots and uses this data to display easy-to-understand QST-style graphical propagation forecasts, and to depict the auroral oval on its world map

- monitors user-specified NCDXF/IARU HF beacon schedules to rapidly calibrate propagation forecasts with actual propagation

- decodes all PSK31 or PSK63 or PSK125 QSOs within your transceiver's bandpass and extract callsigns to create and maintain a "stations heard" window

- simultaneously runs soundcard RTTY (using the MMTTY engine) and an external modem (e.g. a KAM or PK232) to provide diversity decoding or the ability to simultaneously decode a DX station and callers

- supports PSK, RTTY, CW (generation only), and Phone (voice keying) with a single user interface and macro facility

- interoperates with with MultiPSK, MMSSTV, MMVARI, MMTTY, MixW, Fldigi, DM780, HRD, and DX Atlas

- is updated frequently, and downloads/installs upgrades with a single mouse click

- is driven by an active and friendly user community open to everyone

The DXLab Suite is available via http://www.dxlabsuite.com/

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Lloyd M. Mitchell
Sent: Saturday, January 03, 2009 5:21 PM
To: FT897@yahoogroups.com
Subject: [FT897] OT (a little) Logging Program??

I am admitting publically that I do not have a logging program but I now want one for use in the shack.

Any suggestions on a program???

Thanks

Lloyd KO4L

[Non-text portions of this message have been removed]

24516. Re: Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 22:53:49 UTC
From: Stewart Nelson
Topic: 24509 Message: 24516

The only time I had problems like that were when I didn't have the proper antenna and I tried to transmeit or the plug wasn't connectd properly. If it happens again check the plug first there could be a bad connection inside in the cord. You might want to take the power supply our and put it back jsut to be sure. If you are going to turn the radio on without the proper antenna disconnectthe the mic to be sure you don't hit it by accident. KD5LBE 73

--- In FT897@yahoogroups.com, "John Johnson" <g6vzm@...> wrote:
>
> If you read the email you will see that he has the version with the internal
> power supply so there are no batteries to charge!
>
>
>
> JJ
>
> G6VZM / 9H4JJ
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lee
> Mairs (SAG)
> Sent: 03 January 2009 15:38
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Power problem?
>
>
>
> If you read the manual, you will see that the batteries are shipped
> uncharged. Plug it in and leave it alone for 16 hours or so.
> 73 de Lee
> KM4YY/8
>
> Tom wrote:
> > I just received my 897D from HRO yesterday. I also ordered and
> > received the internal power supply as well. I installed the internal
> > power supply, connected a small portable whip antenna (for listening
> > purposes only)and plugged the rig into a grounded three pronged wall
> > outlet to see if everything worked. Note*** I did not transmit

only
> > used the receiver. Although the rig turned on...after about ten
> > minutes the rig suddenly shut down. I tried shutting off the power
> > button on the radio, shut off the internal power supply waited a
few
> > minutes then tried turning everything on again. Still dead. OK...I
> > unplugged the molex chord, reseated it, unplugged the power chord
and
> > reseated it again, turned everything on in proper sequence and it
> > seemed to work fine.
> > Now, maybe it simply was just a matter of poor connections. Maybe
not?
> > Anyone else had this problem?
> > I certainly will be checking this again today BUT I just wanted to
> > check with folks here and see IF anyone else has had this problem
> > and/or if this is simply my doing something too soon without
reading
> > the manual.
> > Thanks in advance for your replies!
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>
> [Non-text portions of this message have been removed]
>

24517. Re: [FT897] OT (a little) Logging Program??

Yahoo group: FT897 (2009)
Date: 2009-01-03 22:54:25 UTC
From: Lloyd M. Mitchell
Topic: 24514 Message: 24517

thanks Dave.

Ko4Lloyd

Report your local rainfall http://cocorahs.org
My homepage is http://tinyurl.com/bsyn9
'In GOD, I trust'"

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Cc: Dave Bernstein AA6YQ <aa6yq@...>
Sent: Saturday, January 3, 2009 5:30:57 PM
Subject: RE: [FT897] OT (a little) Logging Program??

Take a look at DXLab, which is free. Besides the usual logging, FT-897
transceiver control, DX spot collection and digital mode features you'll
find in most applications, DXLab

- directly prints QSL labels and 4-to-a-page QSL cards

- directly prints addresses on envelopes or labels

- tracks confirmation and verification of QSOs for DXCC and TopList awards,
highlighting needed DX spots, automatically generating outgoing QSLs that
request confirmation of needed QSLs, identifying confirmed QSOs for
submission to the ARRL DXCC desk, and generating DXCC submission paperwork

- reports progress towards DXCC, TopList, Challenge, VUCC, Marathon, WAS,
WAC, IOTA, WAZ, WPX, ISA-CA, DOK, WAE, RDA, JARL, and WAB awards

- extracts address information from all 3 CDROM callbooks and QRZ.com (no
advertisements for subscribers, with advertisements for non-subscribers)

- provides operations that can alter many logged QSOs simultaneously without
requiring the user to modify ADIF files -- e.g. performing callbook lookups
on already-logged QSOs, or adjusting the start times of QSOs logged during a
specific time range, or extracting QTH information from COMMENT fields,
or...

- synchronizes with LotW and eQSL.cc, initiating upload and download
operations with a single mouse click without requiring the user to manually
invoke TQSL

- provides one-click access to more than 80 web-accessible sources of QSL
information

- displays frequency-dependent settings for devices like tuners and amplifiers

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- extracts QSX frequencies from DX spot notes, enabling accurate transceiver setup for split frequency operation with one user action

- captures solar and geomagnetic data from WWV spots and uses this data to display easy-to-understand QST-style graphical propagation forecasts, and to depict the auroral oval on its world map

- monitors user-specified NCDXF/IARU HF beacon schedules to rapidly calibrate propagation forecasts with actual propagation

- decodes all PSK31 or PSK63 or PSK125 QSOs within your transceiver' s bandpass and extract callsigns to create and maintain a "stations heard" window

- simultaneously runs soundcard RTTY (using the MMTTY engine) and an external modem (e.g. a KAM or PK232) to provide diversity decoding or the ability to simultaneously decode a DX station and callers

- supports PSK, RTTY, CW (generation only), and Phone (voice keying) with a single user interface and macro facility

- interoperates with with MultiPSK, MMSSTV, MMVARI, MMTTY, MixW, Fldigi, DM780, HRD, and DX Atlas

- is updated frequently, and downloads/installs upgrades with a single mouse click

- is driven by an active and friendly user community open to everyone

The DXLab Suite is available via http://www.dxlabsui te.com/

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of Lloyd M. Mitchell
Sent: Saturday, January 03, 2009 5:21 PM
To: FT897@yahoogroups. com
Subject: [FT897] OT (a little) Logging Program??

I am admitting publically that I do not have a logging program but I now want one for use in the shack.

Any suggestions on a program???

Thanks

Lloyd KO4L

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24518. Re: OT (a little) Logging Program??

Yahoo group: FT897 (2009)
Date: 2009-01-03 22:58:23 UTC
From: Stewart Nelson
Topic: 24514 Message: 24518

If you want a logging program you need N3FPJ Software Package. It is the most common one that I know of and it is pretty cheap and avery good.

--- In FT897@yahoogroups.com, "Lloyd M. Mitchell" <kd4htw2001@...> wrote:
>
> I am admitting publically that I do not have a logging program but I now want one for use in the shack.
>
> Any suggestions on a program???
>
> Thanks
>
> Lloyd KO4L
>

24519. RE: [FT897] OT (a little) Logging Program??

Yahoo group: FT897 (2009)
Date: 2009-01-04 01:10:18 UTC
From: John Johnson
Topic: 24514 Message: 24519

Ham Radio Deluxe (http://www.ham-radio-deluxe.com). Logging and all the rig control and digital modes you could wish for. The programmer is a big Yaesu fan. Did I mention that it's free?

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lloyd M. Mitchell
Sent: 03 January 2009 22:21
To: FT897@yahoogroups.com
Subject: [FT897] OT (a little) Logging Program??

I am admitting publically that I do not have a logging program but I now want one for use in the shack.

Any suggestions on a program???

Thanks

Lloyd KO4L

[Non-text portions of this message have been removed]

24520. FT-897D UK Version

Yahoo group: FT897 (2009)
Date: 2009-01-03 23:57:08 UTC
From: dave.stockton
Topic: 24520 Message: 24520

Hi Folks,

I'm new to this site so please forgive me if this question has already been answered. I have a new FT-897D, brought in the UK but like most other things, made in Japan. What i want to know is, is it possible to do the jumper settings on a UK rig to make it work "freeband". ie. transmit and receive off the amateur bands?.
The only info i can find go's back to 2004 and i'm not sure if it is still valid today.

Many thanks,

Dave S

24521. Re: Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 16:46:20 UTC
From: Daphne Neal
Topic: 24509 Message: 24521

Hi,

I have had my FT-897 since September and on several occasions it has appeared dead, a quick wiggle and push on the power cord to the Internal power supply seems to solve the problem. Whenever I move the rig now, I always give the plug a push and I everything works okay.

73

Daphne g7ena

--- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:
>
> I just received my 897D from HRO yesterday. I also ordered and
> received the internal power supply as well. I installed the
internal
> power supply, connected a small portable whip antenna (for listening
> purposes only)and plugged the rig into a grounded three pronged wall
> outlet to see if everything worked. Note*** I did not transmit only
> used the receiver. Although the rig turned on...after about ten
> minutes the rig suddenly shut down. I tried shutting off the power
> button on the radio, shut off the internal power supply waited a few
> minutes then tried turning everything on again. Still dead. OK...I
> unplugged the molex chord, reseated it, unplugged the power chord
and
> reseated it again, turned everything on in proper sequence and it
> seemed to work fine.
> Now, maybe it simply was just a matter of poor connections. Maybe
not?
> Anyone else had this problem?
> I certainly will be checking this again today BUT I just wanted to
> check with folks here and see IF anyone else has had this problem
> and/or if this is simply my doing something too soon without reading
> the manual.
> Thanks in advance for your replies!
>

24522. Would like to Trade My.....

Yahoo group: FT897 (2009)
Date: 2009-01-04 02:28:40 UTC
From: John
Topic: 24522 Message: 24522

I have an FT 817 ND and LDG Z 817 Tuner Both are less than 3 months old and in perfect condition I would like to trade for an FT 897.
Thanks John N9HXV

24523. Re: [FT897] Power problem?

Yahoo group: FT897 (2009)
Date: 2009-01-03 15:54:05 UTC
From: Bill Husted
Topic: 24509 Message: 24523

Sounds as if he's using the internal power supply, not batteries ... Bill KQ4YA
----- Original Message -----
From: Lee Mairs (SAG)
To: FT897@yahoogroups.com
Sent: Saturday, January 03, 2009 10:38 AM
Subject: Re: [FT897] Power problem?

If you read the manual, you will see that the batteries are shipped
uncharged. Plug it in and leave it alone for 16 hours or so.
73 de Lee
KM4YY/8

Tom wrote:
> I just received my 897D from HRO yesterday. I also ordered and
> received the internal power supply as well. I installed the internal
> power supply, connected a small portable whip antenna (for listening
> purposes only)and plugged the rig into a grounded three pronged wall
> outlet to see if everything worked. Note*** I did not transmit only
> used the receiver. Although the rig turned on...after about ten
> minutes the rig suddenly shut down. I tried shutting off the power
> button on the radio, shut off the internal power supply waited a few
> minutes then tried turning everything on again. Still dead. OK...I
> unplugged the molex chord, reseated it, unplugged the power chord and
> reseated it again, turned everything on in proper sequence and it
> seemed to work fine.
> Now, maybe it simply was just a matter of poor connections. Maybe not?
> Anyone else had this problem?
> I certainly will be checking this again today BUT I just wanted to
> check with folks here and see IF anyone else has had this problem
> and/or if this is simply my doing something too soon without reading
> the manual.
> Thanks in advance for your replies!
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[Non-text portions of this message have been removed]

24524. auto noise

Yahoo group: FT897 (2009)
Date: 2009-01-02 06:59:15 UTC
From: Lew
Topic: 24524 Message: 24524

Hello from South Australia.
I have been using the rig + tapped whip, mounted to my roo bar of a toyoto prado. I am not using while mobile, only parked at high point, from home, but I have noticed a noise that increases in volume and then dies down but returns and goes through same cycle. I am running from a seperate gelcell 12 volt. I think it may be the security system on car.

The ignition is off during use. any ideas, answers very much appreciated.

Lew
VK5fsdx
Moana Beach
South OZ.

24525. LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-02 08:58:51 UTC
From: Daniel Dibbets
Topic: 24525 Message: 24525

Hi,

I'm going to buy a FT-897D with the FP-30 power supply in a couple of weeks (If someone is selling a clean set, please let me know). I'm still wondering what kind of tuner to buy.
I already have the Z-100, which I can connect to the ACC port on the 897. Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside is the wide tuning range on the Z-100
I'm also considering the AT-897, which connects to the CAT port if the 897. What does this give me more that using the Z-100 connected to the ACC Port? The AT-897 gives me the same wide tuning range as the Z-100.
Last option in the consideration is the FC-30, which bolts nicely to the 897, tunes from the 897 and looks very nice with the radio. A major downside is the small tuning range, therefore this one is currently the last one on my list.
So what does the AT-897 give me over the Z-100? And how does the Z-100 work with the connection to the ACC port?

Thanks and 73s
Daniel AF6FZ

[Non-text portions of this message have been removed]

24526. Re: [FT897] auto noise

Yahoo group: FT897 (2009)
Date: 2009-01-04 09:46:29 UTC
From: kc3vo@aol.com
Topic: 24524 Message: 24526

Give MORE detail! What BAND (s) do you hear the noise on, do you also hear it if you park somewhere else, at least 5 Km (3 miles) away) from that site? What equipment is in the auto, such as GPS , AM/FM radio, TV, CD player, DVD player, Cell Phone, etc? Try turning these devices fully OFF, or remove the batteries, one by one. (Remember: Cell telephones transmit a "Here I am" locating/identification signal at regular intervals, any time that power is available to them, regardless of whether you are calling/talking or not! I hope this helps! 73, KC3VO, Bob Curry

**********Stay up-to-date on the latest news - from fashion trends to celebrity break-ups and everything in between.
(http://www.aol.com/?ncid=emlcntaolcom00000024)

[Non-text portions of this message have been removed]

24527. RE: [FT897] FT-897D UK Version

Yahoo group: FT897 (2009)
Date: 2009-01-04 10:35:50 UTC
From: John Johnson
Topic: 24520 Message: 24527

The dealer you bought it from should have the info or be able to do the mod for about a tenner or so. ML+S opened up my FT-857D a couple of years ago as it was the only way to cover the 7.1-7.2MHz allocation. I doubt that the jumpers have changed since 7.2MHz became standard so that 2004 info is probably correct (no promises) but the mods.dk website may help. Don't forget to do a full reset as described in the manual at the end of the procedure to make the rig re-read the jumpers and you'll have to reload any memories afterwards as all settings are lost.

Check back on this and the FT-857 lists for comments on the wisdom, safety and legality of using it outside the amateur bands though.

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of dave.stockton
Sent: 03 January 2009 23:57
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D UK Version

Hi Folks,

I'm new to this site so please forgive me if this question has already been answered. I have a new FT-897D, brought in the UK but like most other things, made in Japan. What i want to know is, is it possible to do the jumper settings on a UK rig to make it work "freeband". ie. transmit and receive off the amateur bands?.
The only info i can find go's back to 2004 and i'm not sure if it is still valid today.

Many thanks,

Dave S

[Non-text portions of this message have been removed]

24528. RE: [FT897] LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 10:57:15 UTC
From: John Johnson
Topic: 24525 Message: 24528

The AT-897 is by all accounts simply a Z-100 in a more convenient package. Consensus is that it tunes way better than the FC-30. Note that the AT-897 tunes via the ACC port like the Z-100, it merely uses the CAT port for power, so it saves tangle at the back of the table.

The beauty of the AT-897 is that once attached you can treat the rig as one lump for transport, and you are going to move it about aren't you, otherwise you might be better off with a FT-450 and a FT-7800 (unless you need SSB on UHF/VHF).

Tip: if you go with the AT-897 and you carry it about pop a couple of cable ties round the three cables as the CAT cable can pull out and possibly the ACC cable too whereas the PL-259s are locking. Don't bunch the three together because of the power in the antenna jumper but put one tie round the CAT and ACC cables and a loose one from there to the antenna cable.

Tip2: when mounting the AT-897 take the opportunity to make sure the SO-239 connectors are done up tight as some people (myself included) have found the antenna socket coming loose after a fair bit of use.

JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Daniel Dibbets
Sent: 02 January 2009 08:59
To: FT897@yahoogroups.com
Subject: [FT897] LDG Z-100 or AT-897

Hi,

I'm going to buy a FT-897D with the FP-30 power supply in a couple of weeks (If someone is selling a clean set, please let me know). I'm still wondering what kind of tuner to buy.
I already have the Z-100, which I can connect to the ACC port on the 897. Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside is the wide tuning range on the Z-100
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Last option in the consideration is the FC-30, which bolts nicely to the 897, tunes from the 897 and looks very nice with the radio. A major downside is the small tuning range, therefore this one is currently the last one on my list.
So what does the AT-897 give me over the Z-100? And how does the Z-100 work with the connection to the ACC port?

Thanks and 73s
Daniel AF6FZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24529. Re: [FT897] FT-897D UK Version

Yahoo group: FT897 (2009)
Date: 2009-01-04 14:49:29 UTC
From: P Grant
Topic: 24520 Message: 24529

Hi Dave
I have the 2006 (UK) Model FT897D,
I opened up the TX/RX as per the Mods DK, instruction.
Ihe links are " TINY", so if your eyesight is same as mine from years of
screen searching, do use a magnifier, and a verrrry fine soldering iron.
The melt temprature of modern solder is much higher than the old
lead based solder, so you need a temprature controlled Iron.
The mod will open up everything exept the FM musuc radio band.
I have just found one anomily.....
My TX power on VHF is stuck on 36 Watts into a dummy load,
and the 100Watts on HF is stuck on 100. ???
Any comment from the group on this appreciated ???
best wishes for a prosperous and healthy new year to all the group.
de Peter _______ EI4HX _._ _._
ei4hxperimental@...
~~~ o

----- Original Message -----
From: dave.stockton
To: FT897@yahoogroups.com
Sent: Saturday, January 03, 2009 11:57 PM
Subject: [FT897] FT-897D UK Version

Hi Folks,

I'm new to this site so please forgive me if this question has already
been answered. I have a new FT-897D, brought in the UK but like most
other things, made in Japan. What i want to know is, is it possible to
do the jumper settings on a UK rig to make it work "freeband". ie.
transmit and receive off the amateur bands?.
The only info i can find go's back to 2004 and i'm not sure if it is
still valid today.

Many thanks,

Dave S

[Non-text portions of this message have been removed]
~~~

24530. RE: [FT897] LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 16:09:40 UTC
From: Curt Givens
Topic: 24525 Message: 24530

Daniel, I currently use a Z100 with my 897 and am quite pleased with it. A push of the button tune the rig and I'm off and running. As I understand it the AT897 is essentially a Z100 recanned to bolt on the rig. It uses the cat connection to get power and will pass cat through for rig control you still connect the ACC cord for tuning. What you get is a bolt on tuner that isn't quite as "pretty" as the Yaesu version but has a wide range.

73, Curt

Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like registering virgins to stop prostitution."

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Daniel Dibbets
Sent: Friday, January 02, 2009 3:59 AM
To: FT897@yahoogroups.com
Subject: [FT897] LDG Z-100 or AT-897

Hi,

I'm going to buy a FT-897D with the FP-30 power supply in a couple of weeks (If someone is selling a clean set, please let me know). I'm still wondering what kind of tuner to buy.
I already have the Z-100, which I can connect to the ACC port on the 897. Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside is the wide tuning range on the Z-100
I'm also considering the AT-897, which connects to the CAT port if the 897. What does this give me more that using the Z-100 connected to the ACC Port? The AT-897 gives me the same wide tuning range as the Z-100.
Last option in the consideration is the FC-30, which bolts nicely to the 897, tunes from the 897 and looks very nice with the radio. A major downside is the small tuning range, therefore this one is currently the last one on my list.
So what does the AT-897 give me over the Z-100? And how does the Z-100 work with the connection to the ACC port?

Thanks and 73s
Daniel AF6FZ

[Non-text portions of this message have been removed]

Yahoo! Groups Links

24531. RE: [FT897] FT-897D UK Version

Yahoo group: FT897 (2009)
Date: 2009-01-04 09:20:54 UTC
From: Scot Jones
Topic: 24520 Message: 24531

Hi Dave

I have a 897 and its was modified to do exactly that. The mod was carried out in about 5 mins by the vendor I bought the radio from via some soldered jumpers inside.

He did tell me that he had seen units that had been modified to do the same but via a different firmware being uploaded rather than jumpers. The result on some newer models though was that it corrupted the firmware which meant a trip back to Yaesu to be fixed. (probably expensive also).

Scot

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of dave.stockton
Sent: 03 January 2009 23:57
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D UK Version

Hi Folks,

I'm new to this site so please forgive me if this question has already been answered. I have a new FT-897D, brought in the UK but like most other things, made in Japan. What i want to know is, is it possible to do the jumper settings on a UK rig to make it work "freeband". ie. transmit and receive off the amateur bands?.
The only info i can find go's back to 2004 and i'm not sure if it is still valid today.

Many thanks,

Dave S

[Non-text portions of this message have been removed]

24532. Re: LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 15:44:17 UTC
From: Enrique Laorga
Topic: 24525 Message: 24532

Hola, mi nombre es Enrique y poseo el AT-897 y Z11-PRO el cual te recomiendo pues el margen de frecuencia es mayor y la sintonía la realiza de forma automática, solo has de colocarlo entre el equipo y la antena.

73 de EA4FEU

24533. Re: [FT897] LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 16:37:47 UTC
From: Bill Husted
Topic: 24525 Message: 24533

I'm using the Z-11 Pro with my 897. It works great. I selected it because that leaves me free to use it with other rigs if needed. And it's so small that bringing it along on trips is not an inconvenience, at least for me.

Just as is true for Curt (KC8STE) with his Z100, I've found tuning to be push button simple. I hear great things about AT897 and the Z100 too so it would be hard to pick the wrong one.

Bill KQ4YA
----- Original Message -----
From: Curt Givens
To: FT897@yahoogroups.com
Sent: Sunday, January 04, 2009 11:09 AM
Subject: RE: [FT897] LDG Z-100 or AT-897

Daniel, I currently use a Z100 with my 897 and am quite pleased with it. A push of the button tune the rig and I'm off and running. As I understand it the AT897 is essentially a Z100 recanned to bolt on the rig. It uses the cat connection to get power and will pass cat through for rig control you still connect the ACC cord for tuning. What you get is a bolt on tuner that isn't quite as "pretty" as the Yaesu version but has a wide range.

73, Curt

Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like registering virgins to stop prostitution."

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Daniel Dibbets
Sent: Friday, January 02, 2009 3:59 AM
To: FT897@yahoogroups.com
Subject: [FT897] LDG Z-100 or AT-897

Hi,

I'm going to buy a FT-897D with the FP-30 power supply in a couple of weeks (If someone is selling a clean set, please let me know). I'm still wondering what kind of tuner to buy.
I already have the Z-100, which I can connect to the ACC port on the 897. Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside is the wide tuning range on the Z-100

I'm also considering the AT-897, which connects to the CAT port if the 897.
What does this give me more that using the Z-100 connected to the ACC Port?
The AT-897 gives me the same wide tuning range as the Z-100.
Last option in the consideration is the FC-30, which bolts nicely to the 897, tunes from the 897 and looks very nice with the radio. A major downside is the small tuning range, therefore this one is currently the last one on my list.
So what does the AT-897 give me over the Z-100? And how does the Z-100 work with the connection to the ACC port?

Thanks and 73s
Daniel AF6FZ

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

24534. Re: [FT897] LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 19:41:59 UTC
From: Larry D. Barr
Topic: 24525 Message: 24534

The Z-100 works great with the FT-897D, Daniel. I'm totally satisfied with the performance of the tuner. I'm still gonna get an AT-897 for at least one of my 897Ds just for the grab and go convenience, but there are no performance problems with the Z-100.

BTW, avoid the FC-30. A friend of mine has one and is getting ready to get an AT-897. FC-30 just doesn't have the tuning range. But it is aesthetically pleasing...

73,
ldb
K5WLF

Daniel Dibbets wrote:
> Hi,
>
> I'm going to buy a FT-897D with the FP-30 power supply in a couple of weeks
> (If someone is selling a clean set, please let me know). I'm still wondering
> what kind of tuner to buy.
> I already have the Z-100, which I can connect to the ACC port on the 897.
> Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside is
> the wide tuning range on the Z-100
> I'm also considering the AT-897, which connects to the CAT port if the 897.
> What does this give me more that using the Z-100 connected to the ACC Port?
> The AT-897 gives me the same wide tuning range as the Z-100.
> Last option in the consideration is the FC-30, which bolts nicely to the
> 897, tunes from the 897 and looks very nice with the radio. A major downside
> is the small tuning range, therefore this one is currently the last one on
> my list.
> So what does the AT-897 give me over the Z-100? And how does the Z-100 work
> with the connection to the ACC port?
>
> Thanks and 73s
> Daniel AF6FZ

24535. Extend transmitting range

Yahoo group: FT897 (2009)
Date: 2009-01-04 20:45:25 UTC
From: master19482000
Topic: 24535 Message: 24535

Actual my FT-897 has a limited range for transmitting on 160m. It's from 1815 to 1899.9 kc. How I can open the band for 1800-1999.9 kc?

Thanks in advance for any information.

73, Josef HB9CIC

24536. Re: [FT897] Extend transmitting range ???

Yahoo group: FT897 (2009)
Date: 2009-01-04 21:48:13 UTC
From: P Grant
Topic: 24536 Message: 24536

Hi Josef,
I may presume wrongly, but I think the EU version (FT897D) should be
similar in band to the UK Model !
As I said in my last post to Dave, I opened up my rig for full RX/TX.
The strangest thing, I just found while checking out Top Band on mine ,,,,, to check your info...
Top Bans starts at 1800 Kc and has tx/rx facility on that Tuner knob right up to 7000 Kc. ... and above.
The strange thing is this is now on the 40M band, and when I click back on the band change from this position, instead of having the 70 cms. band displayed it reads 1.8 MHz (1800Kc) ,
If I click back another band change, I am mow truly on the 70 cms. band.
Yes the band does start at 1800, as below that you have receive only and to key the mike (AM) there is no RF out, and the " TX ERROR " displays..
I opened up my rig to have TX on 5 Megs, as I just have this licence before Christmas....
I now find I have an extra " band slot " as I have 160M, 80M, 5 Megs continuous, 40M, 20M, ect....
I asked here a couple of times in caution before the "band opening", and was assured all rigs were the same for the MOD, it certainly works, but it sure is strange.....
I hope this helps
Best 73 de Peter ________ EI4HX _._ _._
ei4hxperimental@...
~~~~ o
----- Original Message -----
From: master19482000
To: FT897@yahoogroups.com
Sent: Sunday, January 04, 2009 8:45 PM
Subject: [FT897] Extend transmitting range

Actual my FT-897 has a limited range for transmitting on 160m. It's
from 1815 to 1899.9 kc. How I can open the band for 1800-1999.9 kc?

Thanks in advance for any information.

73, Josef HB9CIC

[Non-text portions of this message have been removed]
~~~~

24537. Re: [FT897] LDG Z-100 or AT-897

Yahoo group: FT897 (2009)
Date: 2009-01-04 23:59:57 UTC
From: Daniel Dibbets
Topic: 24525 Message: 24537

Thank you all for the great help! I'll order the AT-897 tomorrow and also be getting my new FT-897 tomorrow. Cant wait to get on the air wit this combo.

Thanks and 73s,
Daniel

On Sun, Jan 4, 2009 at 8:41 PM, Larry D. Barr <k5wlf@...> wrote:

> The Z-100 works great with the FT-897D, Daniel. I'm totally satisfied
> with the performance of the tuner. I'm still gonna get an AT-897 for at
> least one of my 897Ds just for the grab and go convenience, but there
> are no performance problems with the Z-100.
>
> BTW, avoid the FC-30. A friend of mine has one and is getting ready to
> get an AT-897. FC-30 just doesn't have the tuning range. But it is
> aesthetically pleasing...
>
> 73,
> ldb
> K5WLF
>
>
> Daniel Dibbets wrote:
> > Hi,
> >
> > I'm going to buy a FT-897D with the FP-30 power supply in a couple of
> weeks
> > (If someone is selling a clean set, please let me know). I'm still
> wondering
> > what kind of tuner to buy.
> > I already have the Z-100, which I can connect to the ACC port on the 897.
> > Downside is that the Z-100 cant be nicely bolted to the 897s side. Upside
> is
> > the wide tuning range on the Z-100
> > I'm also considering the AT-897, which connects to the CAT port if the
> 897.
> > What does this give me more that using the Z-100 connected to the ACC
> Port?
> > The AT-897 gives me the same wide tuning range as the Z-100.
> > Last option in the consideration is the FC-30, which bolts nicely to the
> > 897, tunes from the 897 and looks very nice with the radio. A major
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> > is the small tuning range, therefore this one is currently the last one
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> > my list.
> > So what does the AT-897 give me over the Z-100? And how does the Z-100

> work
> > with the connection to the ACC port?
> >
> > Thanks and 73s
> > Daniel AF6FZ
>
>
>

[Non-text portions of this message have been removed]

24538. Re:Building a Linear Interface Cable for the FT-897

Yahoo group: FT897 (2009)
Date: 2009-01-05 02:42:37 UTC
From: wb6cyk
Topic: 24538 Message: 24538

When using the CAT/Linear jack on the FT-897 for linear relay control which two of the 8 pins are used to control the linear's relay, TX INH & TX GND? I acquired a 8 pin mini DIN cable used on Apple Computers and the TX INH pin is not wired to the plug.

Burton - wb6cyk

24539. Re: [FT897] Re:Building a Linear Interface Cable for the FT-897

Yahoo group: FT897 (2009)
Date: 2009-01-05 04:49:43 UTC
From: kc3vo@aol.com
Topic: 24538 Message: 24539

Use TXGND and GND. "GND" would be the pin that connects directly to the FT-897 chassis ground. These connections are used to activate an external linear amplifier, by providing a DC path, for low-voltage DC relays in the amplifier. Do not use, if your amp has High-Voltage keying, like the SB220, SB221, SB200, SB230, or the old DRAKE amplifiers! Most modern solid-state amps key directly without problems, as do many tube amplifiers of less than 15 years age. (if in doubt, MEASURE the keying voltage, if less than 50 volts, and DC+polarity, it is likely to be ok.) 73, KC3VO, Bob Curry

**********Stay up-to-date on the latest news - from fashion trends to celebrity break-ups and everything in between. (http://www.aol.com/?ncid=emlcntaolcom00000024)

[Non-text portions of this message have been removed]

24540. Re: [FT897] Re:Building a Linear Interface Cable for the FT-897

Yahoo group: FT897 (2009)
Date: 2009-01-05 12:34:44 UTC
From: Jim Coon
Topic: 24538 Message: 24540

From the manual:

The rear-panel CAT/LINEAR jack is an 8-pin, miniature
DIN type, with the ?TX GND? pin providing a closure to
ground on transmit, for T/R control of your linear amplifier.
The ACC jack is a miniature stereo type, with external ALC
input capability on the tip connection. The main shaft is the
ground return. The ring connection of the ACC jack, when
closed to ground, places the FT-897D into the transmit mode,
and sends a steady CW carrier, for amplifier (or antenna
tuner) adjustment purposes.

This 8-pin mini-DIN jack is used for connection to the
FC-30 External Automatic Antenna Tuner or ATAS-100/
-120 Active-Tuning Antenna System. It is also used for
interfacing to a personal computer for control of the transceiver
using the CAT system, and for interconnection
to the VL-1000 Linear Amplifier.

wb6cyk wrote:
>
> When using the CAT/Linear jack on the FT-897 for linear relay control
> which two of the 8 pins are used to control the linear's relay, TX INH
> & TX GND? I acquired a 8 pin mini DIN cable used on Apple Computers
> and the TX INH pin is not wired to the plug.
>
> Burton - wb6cyk
>
>

24541. FT-897 Battery Pack System for Sale

Yahoo group: FT897 (2009)
Date: 2009-01-05 20:42:24 UTC
From: Larry Pyle
Topic: 24541 Message: 24541

I have decided to replace my FT-897 batteries with an external power supply. My disability has limited me to very little field use, one time, so I don't really need the battery package.
This package includes 2 FNB-78 NIMH battery packs, 2 CD-24 charge adapters and 1 PA-26 power supply.
All components are in like new condition. I am asking $285 shipped CONUS via priority mail.

Please contact me off group at lpyle@... for any questions.

73, Larry AD6ST

24542. VHF TRX widebanding

Yahoo group: FT897 (2009)
Date: 2009-01-06 08:17:00 UTC
From: Bharat D Balsavar
Topic: 24542 Message: 24542

Hi Group,

Not had any luck with my previous post. Am rephrasing the earlier query hoping for some advise from seniors on this group.

I'd like to cover the full 136 to 174 MHz range Tx/Rx on my recently accquired first ever 897D.

A modification I tried took it up to 163.999.

But, how do I get up to 174 MHz? One of the car cross-country rallies we provide communication support for is licenced above the 164 MHz limit.

Hence, this request again.

Many thanks in advance.
73, VU2BDX, Bharat

24543. Re: [FT897] VHF TRX widebanding

Yahoo group: FT897 (2009)
Date: 2009-01-06 09:52:25 UTC
From: scott martin
Topic: 24542 Message: 24543

Everything I have been able to find, only allows up to 164Mhz. You might contact Yeasu to see if in fact there is a mod. to do that. Sorry

Scott Martin(ki4msj)
FireFighter/EMT
US Army MP/CLS

--- On Tue, 1/6/09, Bharat D Balsavar <vu2bdx@...> wrote:

From: Bharat D Balsavar <vu2bdx@...>
Subject: [FT897] VHF TRX widebanding
To: FT897@yahoogroups.com
Date: Tuesday, January 6, 2009, 3:17 AM

Hi Group,

Not had any luck with my previous post. Am rephrasing the earlier query hoping for some advise from seniors on this group.

I'd like to cover the full 136 to 174 MHz range Tx/Rx on my recently accquired first ever 897D.

A modification I tried took it up to 163.999.

But, how do I get up to 174 MHz? One of the car cross-country rallies we provide communication support for is licenced above the 164 MHz limit.

Hence, this request again.

Many thanks in advance.
73, VU2BDX, Bharat

[Non-text portions of this message have been removed]

24544. schematic

Yahoo group: FT897 (2009)
Date: 2009-01-04 20:18:07 UTC
From: adastra_2001
Topic: 24544 Message: 24544

Anyone have a schematic of the FT 897 that they can post?
Bennett
AB2ZJ

24545. Re: auto noise

Yahoo group: FT897 (2009)
Date: 2009-01-05 00:09:52 UTC
From: mike davidson
Topic: 24524 Message: 24545

Hi Lew,

Do you have a cell phone on charge at the same time - Both Nokia and i-phone do this to me while charging.

Mike.M0XMD

[Non-text portions of this message have been removed]

24546. Wanted drawing for 8 pin yaesu socket to RJ45 Plug

Yahoo group: FT897 (2009)
Date: 2009-01-06 21:20:13 UTC
From: Andy
Topic: 24546 Message: 24546

Hi all
Has anyone got a drawing to make up a 8 pin mike socket to an
RJ45 plug.
I have a nice desk mike i would like to use on the FT897D.

Thanks Andy G6OHM

24547. Re: [FT897] Wanted drawing for 8 pin yaesu socket to RJ45 Plug

Yahoo group: FT897 (2009)
Date: 2009-01-07 06:35:45 UTC
From: Larry D. Barr, K5WLF
Topic: 24546 Message: 24547

The mic jack pinouts are on page 12 of the 897D manual. If you don't have the manual, contact me off-list and I'll email you a PDF.

73,
ldb
K5WLF

Andy wrote:
> Hi all
> Has anyone got a drawing to make up a 8 pin mike socket to an
> RJ45 plug.
> I have a nice desk mike i would like to use on the FT897D.
>
>
> Thanks Andy G6OHM

24548. RE: [FT897] schematic

Yahoo group: FT897 (2009)
Date: 2009-01-07 07:33:49 UTC
From: Eric van de Weyer
Topic: 24544 Message: 24548

Hi Bennett,

The schematic can be downloaded from www.mods.dk

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of adastra_2001
Sent: Monday, 5 January 2009 07:18
To: FT897@yahoogroups.com
Subject: [FT897] schematic

Anyone have a schematic of the FT 897 that they can post?
Bennett
AB2ZJ

Yahoo! Groups Links

24549. Re: [FT897] schematic

Yahoo group: FT897 (2009)
Date: 2009-01-07 12:46:40 UTC
From: Kerryguy7
Topic: 24544 Message: 24549

I believe that a schematic drawing came along with my copy of the 897D user manual. If possible, I'll try to scan it and upload it to the group.

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: adastra_2001 <adastra_2001@...>
To: FT897@yahoogroups.com
Sent: Sunday, January 4, 2009 3:18:07 PM
Subject: [FT897] schematic

Anyone have a schematic of the FT 897 that they can post?
Bennett
AB2ZJ

[Non-text portions of this message have been removed]

24550. Re: [FT897] schematic-CAUTION!

Yahoo group: FT897 (2009)
Date: 2009-01-07 12:59:24 UTC
From: kc3vo@aol.com
Topic: 24550 Message: 24550

There is more than ONE schematic version for the FT-897 or FT-857. Main differences are in the R.F. output/final amplifier stages, early units used BIPOLAR, NPN transistors, and more recent radios use MOSFET transistors. These devices are NOT directly interchangeable, as the input BIAS requirements are drastically DIFFERENT! Be sure that the schematic applies to YOUR radio, so as to avoid causing damage by improper parts or adjustment.--73, KC3VO,Bob Curry
**********Stay up-to-date on the latest news - from fashion trends to celebrity break-ups and everything in between.
(http://www.aol.com/?ncid=emlcntaolcom00000024)

[Non-text portions of this message have been removed]

24551. Re: [FT897] schematic

Yahoo group: FT897 (2009)
Date: 2009-01-07 13:00:46 UTC
From: Jim Coon
Topic: 24544 Message: 24551

There is one here

http://www.ft897.com/FT-897_PDFs

I don't know if it is for your version

adastra_2001 wrote:
>
> Anyone have a schematic of the FT 897 that they can post?
> Bennett
> AB2ZJ
>
>

24552. Re: [FT897] Wanted drawing for 8 pin yaesu socket to RJ45 Plug

Yahoo group: FT897 (2009)
Date: 2009-01-07 16:03:04 UTC
From: scott martin
Topic: 24546 Message: 24552

What mike are you trying to use. I know one of the Yeasu mikes the cord is interchangable from 8 pin to RJ45, just turn it around. Just curious

Scott Martin(ki4msj)
FireFighter/EMT
US Army MP/CLS

--- On Tue, 1/6/09, Andy <g6ohm@...> wrote:

From: Andy <g6ohm@...>
Subject: [FT897] Wanted drawing for 8 pin yaesu socket to RJ45 Plug
To: FT897@yahoogroups.com
Date: Tuesday, January 6, 2009, 4:20 PM

Hi all
Has anyone got a drawing to make up a 8 pin mike socket to an
RJ45 plug.
I have a nice desk mike i would like to use on the FT897D.

Thanks Andy G6OHM

[Non-text portions of this message have been removed]

24553. Re: [FT897] schematic

Yahoo group: FT897 (2009)
Date: 2009-01-07 16:19:54 UTC
From: Lou Roux
Topic: 24544 Message: 24553

Hi Bennett,

Try here:
http://dw.ham.dmz.ro:8080/downloads/yaesu/ham.dmz.ro.sch_serman_ft-897.pdf

Lou - W6UR

adastra_2001 wrote:
> Anyone have a schematic of the FT 897 that they can post?
> Bennett
> AB2ZJ
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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24554. Re: FT-897D UK Version

Yahoo group: FT897 (2009)
Date: 2009-01-07 22:15:13 UTC
From: peter_g0fim2000
Topic: 24520 Message: 24554

--- In FT897@yahoogroups.com, "dave.stockton" <dave.stockton@...> wrote:
>
> Hi Folks,
>
> I'm new to this site so please forgive me if this question has already
> been answered. I have a new FT-897D, brought in the UK but like most
> other things, made in Japan. What i want to know is, is it possible to
> do the jumper settings on a UK rig to make it work "freeband". ie.
> transmit and receive off the amateur bands?.
> The only info i can find go's back to 2004 and i'm not sure if it is
> still valid today.
>
>
> Many thanks,
>
> Dave S
>
Dave - if you will email me offlist, I will send you the official mods.

Peter - G0FIM / AA3JN

24555. keyer

Yahoo group: FT897 (2009)
Date: 2009-01-07 23:10:14 UTC
From: Jim Coon
Topic: 24544 Message: 24555

I just got an MFJ 564 paddle for my 897. since I've never used a keyer before, which side of the paddles should I wire for dots and which for dashes? What is the normal, so I don't learn everything backwards

24556. Re: [FT897] keyer

Yahoo group: FT897 (2009)
Date: 2009-01-07 23:14:01 UTC
From: Lou Roux
Topic: 24544 Message: 24556

Dits on the thumb, dahs on fingers..... if you're right handed.

Lou - W6UR

Jim Coon wrote:
> I just got an MFJ 564 paddle for my 897. since I've never used a keyer
> before, which side of the paddles should I wire for dots and which for
> dashes? What is the normal, so I don't learn everything backwards
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

24557. RE: [FT897] keyer

Yahoo group: FT897 (2009)
Date: 2009-01-07 23:18:22 UTC
From: Eric van de Weyer
Topic: 24544 Message: 24557

Hi Jim,

Normally, using the right hand, dashes on finger, dots on thumb.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim Coon
Sent: Thursday, 8 January 2009 10:10
To: FT897@yahoogroups.com
Subject: [FT897] keyer

I just got an MFJ 564 paddle for my 897. since I've never used a keyer before, which side of the paddles should I wire for dots and which for dashes? What is the normal, so I don't learn everything backwards

---

Yahoo! Groups Links

24558. Re: schematic

Yahoo group: FT897 (2009)
Date: 2009-01-08 05:39:01 UTC
From: adastra_2001
Topic: 24544 Message: 24558

```
Thanks, this is what I wanted.
Bennett
AB2ZJ
>
> Hi Bennett,
>
> Try here:
> http://dw.ham.dmz.ro:8080/downloads/yaesu/ham.dmz.ro.sch_serman_ft-
897.pdf
>
> Lou - W6UR
>
>
>
> adastra_2001 wrote:
> > Anyone have a schematic of the FT 897 that they can post?
> > Bennett
> > AB2ZJ
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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```

24559. Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-09 02:50:59 UTC
From: kybarney
Topic: 24559 Message: 24559

Hi,

I have a quick question. I have the internal batteries from W4RT. I have not used them but plan to this weekend. (for the first time).

I am going to be going portable from a hotel room and was wondering if I can charge the idle battery while using the other battery? Will that damage the radio? The manual does not address this...it says you can charge the battery in the radio but does not say if you can use the idle battery while charging the spare battery....

Any help is appreciated.

Thanks and 73,
Kyle N9NJM

24560. Re: [FT897] Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-09 03:31:48 UTC
From: Brandon Cruz
Topic: 24559 Message: 24560

Kyle, when using the batteries only one is 'connected' to the radio at any given time (via the A/B rocker switch on the top of the rig). Also, since the batteries have independent charge connectors. Therefore, when operating on battery A you can charge battery B which is effectively disconnected from the radio and thus there is no impact to the rig. Once battery A is depleted you can switch to battery B and then move the charger to battery A. This 'independence' of the batteries makes it quite convenient for charging in the field (with a solar panel, for example) as one could operate indefinitely simply by alternating the charge and use cycles.

I am going to be going portable from a hotel room and was wondering if
I can charge the idle battery while using the other battery? Will
that damage the radio? The manual does not address this...it says you
can charge the battery in the radio but does not say if you can use
the idle battery while charging the spare battery....

.

[Non-text portions of this message have been removed]

24561. Re: Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-09 04:01:14 UTC
From: kybarney
Topic: 24559 Message: 24561

Thanks for the response. If you accidentally were to switch the A/B switch on to the battery that is charging, would you fry the rig?

Also, do you have a recommended solar panel/charger for use in the field? I would be very interested in purchasing one...

Thanks again for your response.

Kyle

--- In FT897@yahoogroups.com, Brandon Cruz <cruzb04@...> wrote:
>
> Kyle, when using the batteries only one is 'connected' to the radio at any given time (via the A/B rocker switch on the top of the rig). Also, since the batteries have independent charge connectors. Therefore, when operating on battery A you can charge battery B which is effectively disconnected from the radio and thus there is no impact to the rig. Once battery A is depleted you can switch to battery B and then move the charger to battery A. This 'independence' of the batteries makes it quite convenient for charging in the field (with a solar panel, for example) as one could operate indefinitely simply by alternating the charge and use cycles.
> >
> >
> > _____
> >
> >
> > I am going to be going portable from a hotel room and was wondering if
> > I can charge the idle battery while using the other battery? Will
> > that damage the radio? The manual does not address this...it says you
> > can charge the battery in the radio but does not say if you can use
> > the idle battery while charging the spare battery....
> >
> >
> > .
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

24562. Re: [FT897] Re: Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-09 19:10:25 UTC
From: Brandon Cruz
Topic: 24559 Message: 24562

Kyle, I've switched back and forth while charging and haven't seen a problem. That being said I don't think it's a good idea to run the rig on the battery being charged due to the higher than normal voltage.

I don't have any specific recommendations regarding solar panels as I haven't much experience with them. One place you might look for some models is Harbor Freight (http://search.harborfreight.com/cpisearch/web/search.do?keyword=solar) but I'm sure there are many sources. Others in the group may have better information than I.

Thanks for the response. If you accidentally were to switch the A/B
switch on to the battery that is charging, would you fry the rig?

Also, do you have a recommended solar panel/charger for use in the
field? I would be very interested in purchasing one...

Thanks again for your response.

Kyle
.

[Non-text portions of this message have been removed]

24563. Re: [FT897] Re: Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-09 20:07:15 UTC
From: Larry D. Barr
Topic: 24559 Message: 24563

The HF panels are fine, but the controller is garbage. Get a Xantrex C12 (preferred) or a Morningstar Sunguard. If you're in hail country, I prefer the Uni-Solar US64 panels. They're amorphous and can be penetrated by hail and still function which crystalline panels cannot.

See: http://wedothatradio.wordpress.com/2008/04/11/green-radio-we-do-that/

for a video of two US-64s mounted on my pickup.

73,
ldb
--
Larry D. Barr, K5WLF
PIO, ARRL NTX District 3
SKYWARN Spotter/Net Control
Erath County (TX) ARES AEC
Erath County (TX) RACES CLO (Alt)
http://www.rebelwolf.com/

Brandon Cruz wrote:
> Kyle, I've switched back and forth while charging and haven't seen a
> problem. That being said I don't think it's a good idea to run the
> rig on the battery being charged due to the higher than normal
> voltage.
>
> I don't have any specific recommendations regarding solar panels as I
> haven't much experience with them. One place you might look for some
> models is Harbor Freight (
> http://search.harborfreight.com/cpisearch/web/search.do?keyword=solar
>) but I'm sure there are many sources. Others in the group may have
> better information than I.
>
>
>
>
> _____
>
>
> Thanks for the response. If you accidentally were to switch the A/B
> switch on to the battery that is charging, would you fry the rig?
>
> Also, do you have a recommended solar panel/charger for use in the
> field? I would be very interested in purchasing one...
>
> Thanks again for your response.
>

> Kyle .
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

24564. FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 18:33:52 UTC
From: j_old_man
Topic: 24564 Message: 24564

WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.

TNX
Jerry - wb9onu

24565. Re: [FT897] FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 20:51:26 UTC
From: n5ztw@texasdata.net
Topic: 24564 Message: 24565

What do you want to know or need to know. Are you attempting
to decide between the two?
The FT-950 runs circles around the FT-897 with the IF DSP
and other features. The FT-897 is a great rig. Good radio
for the price plus you can take it to the camp or on
holiday. The FT-950 is more advanced and not very portable
it will out perform the FT897. Like a Ford Ranger pickup and
a Ford F-250 they are both great truck it just depends on
what you need. Both are a very good deal and have
aftermarket value in the ham radio world.
A nice antenna system and an FT-897 will out perform an
FT-950 with a basic antenna.
Del N5ZTW

----- Original Message Follows -----
From: "j_old_man" <j_old_man@...>
To: FT897@yahoogroups.com
Subject: [FT897] FT897D VS FT950
Date: Sat, 10 Jan 2009 18:33:52 -0000

> WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.
>
> TNX
> Jerry - wb9onu
>
>

24566. Re: [FT897] FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 21:06:09 UTC
From: Bill Husted
Topic: 24564 Message: 24566

I think, for most of us - me anyway - the 897d is a second rig, not a primary. You could get by with it but the virtue of an 897d is all the things it can do, the size and the ability to operate portable. If I had just one radio, it would not be my choice. But I am delighted with it as a second (or third) rig. It is surprisingly adequate and does a useable job when I'm operating portable.

And it's done a fine job for me whether I'm in a cabin in Nova Scotia or a hotel room in Pittsburgh.

But - and I agree with the N5ZTW post. You'd find that the ft-950 is much better for a main rig in your house. Don't get me wrong, the FT-897d is terrific for what it does and I sure wouldn't part with mine. I bought it with low expectations and it has easily surpassed those.

But, as far as HF performance, my old TS-830S would run circles around it and my Pro III leaves it in the dust. On the other hand, if I need a grab and go rig to operate portable from a cabin or a hotel room - it's the champ.

Bill KQ4YA
----- Original Message -----
From: n5ztw@...
To: FT897@yahoogroups.com
Sent: Saturday, January 10, 2009 3:51 PM
Subject: Re: [FT897] FT897D VS FT950

What do you want to know or need to know. Are you attempting
to decide between the two?
The FT-950 runs circles around the FT-897 with the IF DSP
and other features. The FT-897 is a great rig. Good radio
for the price plus you can take it to the camp or on
holiday. The FT-950 is more advanced and not very portable
it will out perform the FT897. Like a Ford Ranger pickup and
a Ford F-250 they are both great truck it just depends on
what you need. Both are a very good deal and have
aftermarket value in the ham radio world.
A nice antenna system and an FT-897 will out perform an
FT-950 with a basic antenna.
Del N5ZTW

----- Original Message Follows -----
From: "j_old_man" <j_old_man@...>
To: FT897@yahoogroups.com
Subject: [FT897] FT897D VS FT950
Date: Sat, 10 Jan 2009 18:33:52 -0000

> WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.
>

> TNX
> Jerry - wb9onu
>
>

[Non-text portions of this message have been removed]

24567. Re: FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 21:17:31 UTC
From: Dale Blanchard
Topic: 24564 Message: 24567

--- In FT897@yahoogroups.com, "j_old_man" <j_old_man@...> wrote:
>
> WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.
>
> TNX
> Jerry - wb9onu
>
Why you need it or why you want it.
Cover up the price tag and then decide.
897 is a good portable rig.
FT-450 is a better shack rig.
FT950 is good if you have the money and know how to use all the features.
If you are a newbee get the cheaper one and learn to use what it has.
Has more than you need anyway.
If you cannot decide ,you are not ready for a 950.
Dale

24568. Re: FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 21:24:07 UTC
From: Stewart Nelson
Topic: 24564 Message: 24568

I agree with the other postings, but if you need the 2 meter and 70 cm bands it is the radio to get. It is also my second radio and I use it as much for listening on HF and working 2 meters as I do for working HF. KD5LBE

--- In FT897@yahoogroups.com, "Bill Husted" <bhusted@...> wrote:
>
> I think, for most of us - me anyway - the 897d is a second rig, not a primary. You could get by with it but the virtue of an 897d is all the things it can do, the size and the ability to operate portable. If I had just one radio, it would not be my choice. But I am delighted with it as a second (or third) rig. It is surprisingly adequate and does a useable job when I'm operating portable.
>
> And it's done a fine job for me whether I'm in a cabin in Nova Scotia or a hotel room in Pittsburgh.
>
> But - and I agree with the N5ZTW post. You'd find that the ft-950 is much better for a main rig in your house. Don't get me wrong, the FT-897d is terrific for what it does and I sure wouldn't part with mine. I bought it with low expectations and it has easily surpassed those.
>
> But, as far as HF performance, my old TS-830S would run circles around it and my Pro III leaves it in the dust. On the other hand, if I need a grab and go rig to operate portable from a cabin or a hotel room - it's the champ.
>
> Bill KQ4YA
> ----- Original Message -----
> From: n5ztw@...
> To: FT897@yahoogroups.com
> Sent: Saturday, January 10, 2009 3:51 PM
> Subject: Re: [FT897] FT897D VS FT950
>
>
>
> What do you want to know or need to know. Are you attempting
> to decide between the two?
> The FT-950 runs circles around the FT-897 with the IF DSP
> and other features. The FT-897 is a great rig. Good radio
> for the price plus you can take it to the camp or on
> holiday. The FT-950 is more advanced and not very portable
> it will out perform the FT897. Like a Ford Ranger pickup and
> a Ford F-250 they are both great truck it just depends on
> what you need. Both are a very good deal and have

> aftermarket value in the ham radio world.
> A nice antenna system and an FT-897 will out perform an
> FT-950 with a basic antenna.
> Del N5ZTW
>
> ----- Original Message Follows -----
> From: "j_old_man" <j_old_man@...>
> To: FT897@yahoogroups.com
> Subject: [FT897] FT897D VS FT950
> Date: Sat, 10 Jan 2009 18:33:52 -0000
>
> > WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.
> >
> > TNX
> > Jerry - wb9onu
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

24569. Re: Internal Batteries - Charging while using the radio

Yahoo group: FT897 (2009)
Date: 2009-01-10 22:31:52 UTC
From: fred t. forbush
Topic: 24559 Message: 24569

--- In FT897@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> Hi,
>
> I have a quick question. I have the internal batteries from W4RT. I
> have not used them but plan to this weekend. (for the first time).
>
> I am going to be going portable from a hotel room and was wondering if
> I can charge the idle battery while using the other battery? Will
> that damage the radio? The manual does not address this...it says you
> can charge the battery in the radio but does not say if you can use
> the idle battery while charging the spare battery....
>
> Any help is appreciated.

I have had the PA-26 wall charger connected to the CD-24 controller and it charging the idle bat. while I'm using the other bat. and found there is no probem on fm mode but much too noisy on ssb. Is there anybody else who has experimented with this particular setup?
Fred
k6kub
>
> Thanks and 73,
> Kyle N9NJM
>

24570. Transceiver shuts down

Yahoo group: FT897 (2009)
Date: 2009-01-11 03:19:45 UTC
From: jweb331933
Topic: 24570 Message: 24570

Hi All, I've had my 897d since 6/30/08 and it has shut down 3 times while transmitting. Need some advise.

Equitpment list:
FT-897D
Astron RS-35M P/S
AT1KP Palstar 1200W Tuner
40 Meter Multi-Band TAK-tenna
50' 9913F Belden coax
6' copper ground rod

A mounted buse bar that has each piece of equiptment grounded to it (seperatly) and then a 6 foot 12AWG ground wire going to the copper rod.

I understand the 897D has a protection curcuit and will shut down if something is out of spec. I also think the Astron P/S has a "Crow-bar" protection circuit in it. I was told by another Ham that if the amps drop to low for what ever reason the P/S will shut down the 897D?
The SWR is 1:2:1 (Reading taken from MFJ-259B analyzer) and same at the tuner. My coax goes thru the tuner because I use it to tune SWR for other Freqs.
The main circuit box has a 25 amp fuse and the only thing on that circuit is the 897D and the P/S.
When the 897D shuts down, I turn the P/S off (which is still on and the amps meter shows 0 amps which I think it should. I did not note the volt meter, but will if this happens again. When I turn the P/S back on, first then the 897D it comes back to life, thank the almighty.
Any ideas what is causing this???
Jim KI6PYZ

24571. Re: [FT897] Transceiver shuts down

Yahoo group: FT897 (2009)
Date: 2009-01-11 03:24:02 UTC
From: customgraphics!
Topic: 24570 Message: 24571

mine did that until i bent the pins around so the 6-pin molex power plug
would fit tighter...

----- Original Message -----
From: "jweb331933" <jwbstr33@...>
To: <FT897@yahoogroups.com>
Sent: Saturday, January 10, 2009 10:19 PM
Subject: [FT897] Transceiver shuts down

Hi All, I've had my 897d since 6/30/08 and it has shut down 3 times
while transmitting. Need some advise.

24572. Re: [FT897] Transceiver shuts down

Yahoo group: FT897 (2009)
Date: 2009-01-11 03:30:24 UTC
From: kc3vo@aol.com
Topic: 24570 Message: 24572

how far away is your antenna? If RF gets onto the DC power leads, it can activate the power supply crowbar circuit. If you have the ADJUSTABLE supply, you could have the current limit set too low, nor a voltage set outside the 13.0 to 14.5 volt ideal range. Antennas mounted close to the equipment, or worse yet, INDOORS, usually cause many problems! If you care to call me, I will make further attempts to assist. Phone is: 301-439-3873. KC3VO, Bob Curry
**********New year...new news. Be the first to know what is making headlines. (http://news.aol.com?ncid=emlcntusnews00000002)

[Non-text portions of this message have been removed]

24573. Re: [FT897] Transceiver shuts down

Yahoo group: FT897 (2009)
Date: 2009-01-11 03:57:15 UTC
From: Jim Webster
Topic: 24570 Message: 24573

Thanks Bob, My antenna is on the other side of the garage from my station (approx, 20') and then it is on the roof 25' from ground. The P/S is adjustable, but why does it work 99% of the time? The setting is as it came from the factory. When I stated the volt meter show 13.8 to 14v, I was wrong, I just re-check and it is slightly above 14v, so it most likely is closer to 14.5v.

Did you read what Customgraphics said? He said he had the same problem until he bend the pins on the 6 pin molex power connect so it had a tighter fit. I,m not sure how to adjust the voltage if it is to low, so might give you a call. Thanks for your help.
Jim KI6PYZ

From: "kc3vo@..." <kc3vo@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 10, 2009 7:30:24 PM
Subject: Re: [FT897] Transceiver shuts down

how far away is your antenna? If RF gets onto the DC power leads, it can
activate the power supply crowbar circuit. If you have the ADJUSTABLE supply,
you could have the current limit set too low, nor a voltage set outside the 13.0
to 14.5 volt ideal range. Antennas mounted close to the equipment, or worse
yet, INDOORS, usually cause many problems! If you care to call me, I will
make further attempts to assist. Phone is: 301-439-3873. KC3VO, Bob Curry
********** **New year...new news. Be the first to know what is making
headlines. (http://news. aol.com?ncid= emlcntusnews0000 0002)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24574. Re: [FT897] Transceiver shuts down

Yahoo group: FT897 (2009)
Date: 2009-01-11 04:27:11 UTC
From: kc3vo@aol.com
Topic: 24570 Message: 24574

OK-up now,(11:30PM) but to bed in 30 min.-East coast here!-73, KC3VO
**********New year...new news. Be the first to know what is making headlines. (http://news.aol.com?ncid=emlcntusnews00000002)

[Non-text portions of this message have been removed]

24575. FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-08 14:04:07 UTC
From: Scot Jones
Topic: 24575 Message: 24575

Sorry if this has been asked before but.

Im going to construct my own FT Meter but wondering what spec (FSD voltage etc) of panel meter I would require.

Kind Regards

24576. RE: [FT897] FT897D VS FT950

Yahoo group: FT897 (2009)
Date: 2009-01-10 18:40:26 UTC
From: David L Compton, PE
Topic: 24564 Message: 24576

They are worlds apart. I have both.

David L Compton, PE, SECB, CGC
President/Principal Engineer
Urbaneering, Inc.
Office 813-948-8360
Fax 813-909-1650

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of j_old_man
Sent: Saturday, January 10, 2009 1:34 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT897D VS FT950

WHAT IS THE PRO'S & CON'S OF THE 2 RIGS? BESIDES COSTS.

TNX
Jerry - wb9onu

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.176 / Virus Database: 270.10.2/1874 - Release Date: 1/9/2009 7:59 PM

[Non-text portions of this message have been removed]

24577. FT Meter Specs

Yahoo group: FT897 (2009)
Date: 2009-01-10 09:50:50 UTC
From: Scot Jones
Topic: 24559 Message: 24577

Hi all.

This may have been asked before but I couldn't find the info anywhere so..

what spec is the panel meter required to construct an external meter for the 897. Ie FSD current etc.

I've been prompted to do this by the face prints available in the download area.

Any help greatly appreciated

Scot

M1AFY

http://www.ft897.co.uk

[Non-text portions of this message have been removed]

24578. Ham radio Deluxe useing the ct-62 cat cable

Yahoo group: FT897 (2009)
Date: 2009-01-10 21:57:05 UTC
From: Darryl
Topic: 24578 Message: 24578

For some strange reason the program will not allow me to connect to
the the radio?
i have adms programming software and it works fine.
I had tried ever configuration on the settings on the ham radio Deluxe
program..with no luck..
If anyone has any Ideas Please let me know!!

Thanks

K7REW

24579. New to the group.

Yahoo group: FT897 (2009)
Date: 2009-01-08 07:01:57 UTC
From: n4dep
Topic: 17411 Message: 24579

Hello All,

I am new to the group, and as of tomorrow I will become "official".

My "internal" power supply arrived today and my FT-897 will be here tomorrow!! By the end of the day on Friday everything should be here, everything I've ordered so far that is.

A FT-897 with internal PS. A LDG Z11 Pro and LDG Balun. A Daiwa SS-330W. A Buddipole Deluxe with long mast. A K1-4 kit. I think that's about it.

I do have a couple of questions for the group. How do you know whether to use a 4:1 vs a 1:1 balun? I am also planning on getting a couple of small 12v gel cell or sealed lead acid batteries, something around 7ah, anybody got any recommendations? I'm also thinking about putting a slinky antenna in the attic at least until the spring thaw ;)

I look forward to reading through all the great info/advice on the site.

73

David N4DEP

24580. FT-897 ALC and Digital Modes

Yahoo group: FT897 (2009)
Date: 2009-01-10 00:34:45 UTC
From: ab8xx@rocketmail.com
Topic: 24580 Message: 24580

Hello,

I recently started working digital modes more and think there could be an issue. Setup is an older FT-897 with a Panasonic CF-18 Toughbook (with mic and headphone jacks only) with a Rigblaster Plug&Play to the DATA jack on the back of the radio.

The manual calls out adjusting the input audio signal for about 7-8 dots on the display. I adjust it for about 3-6 units on the meter so that overdriving the TX does not occur. While testing a PSK31 signal into a dummy load, I noticed that from band to band, the ALC level seems to change in strength even though the amount of audio feeding the radio had not changed. This is just with a blank PSK31 signal with no characters sent. Modulation is full scale. People tell me that I look good and clean on the waterfall (with only about 1 "unit" of ALC on the meter). Why would it fluctuate? It seems you would have the same amount of ALC all the time from band to band because it goes to the balanced mixer.

Another issue I have noticed is that when setting up the audio levels at 5w (I operate with the lowest power I can), adjusting audio out from the computer to the radio can be tricky with the ALC. Only increasing volume by 10% on the laptop causes it to jump from 1 unit of ALC to about 9, with no medium in between. When you increase the RF power out of the transmitter, it seems to throw off the ALC setting.

I have not seem to have had as many issues with my FT-817.

It seems crazy that I would have to change the AF drive to adjust ALC whenever changing bands or RF power out on the radio.

Are "dots" on the meter "one" vertical bar, or "one unit" like an s-unit?

Any ideas?

Thanks,

Ryan AB8XX

24581. Re: Hello folks...!

Yahoo group: FT897 (2009)
Date: 2009-01-10 00:01:57 UTC
From: chameleon_antenna
Topic: 24482 Message: 24581

Hi Tom,

If you're looking for an antenna that will sustain 20 watts, have a look at this one. It's a multiband antenna (8.5 feet tall) that is very efficient.

CHAMELEON V1 HF Multiband Antenna☐
http://alexander.the.hard.googlepages.com/home

Cheers!

Alexander KI6TRA

24582. Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-09 18:27:43 UTC
From: John Dennett
Topic: 24582 Message: 24582

Hi all,

I'm a recently upgraded general, so I'm getting used to HF in general, as well as the FT-897.

I'm using the LDG AT-897 tuner, and have output to 2 different antennas, Hustler 4BTV, and a G5RV-jr in an inverted V peaking at about 20ft. I can't improve much on the antennas because of where I live.

I have just started tinkering with the DSP, and am looking for where the group feels the best settings are for SSB on the 897.

Thanks

John-N1XHZ

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

[Non-text portions of this message have been removed]

24583. AT for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-01-07 20:12:39 UTC
From: abiqualumber
Topic: 24583 Message: 24583

I am currently reading the manual of my recently acquired FT-897D. I will have to wait for the snow to stop before I can go outside and erect an antenna. Therefore I am gathering up all necessary material and knowledge in preparation for getting on the air.

One item I will need is a very good AT that is compatiple with the rig and easy to use. Initially I will be utilizing an end fed long wire. What are my options?

Easy to use, looks good with rig and works great with end fed wire antennas. Suggestions please.

Thank you in advance, 73 de Bob n7doc

24584. Re: [FT897] AT for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-01-11 06:47:19 UTC
From: Larry D. Barr, K5WLF
Topic: 24583 Message: 24584

For an end-fed LW, this is probably your best bet.

http://www.universal-radio.com/catalog/hamhf/06431897.html

When you get to a coax fed antenna, you'll want the LDG AT-897, not the Yaesu FC-30.

73,
ldb
K5WLF

abiqualumber wrote:
> I am currently reading the manual of my recently acquired FT-897D. I
> will have to wait for the snow to stop before I can go outside and
> erect an antenna. Therefore I am gathering up all necessary material
> and knowledge in preparation for getting on the air.
>
> One item I will need is a very good AT that is compatiple with the rig
> and easy to use. Initially I will be utilizing an end fed long wire.
> What are my options?
>
> Easy to use, looks good with rig and works great with end fed wire
> antennas. Suggestions please.
>
> Thank you in advance, 73 de Bob n7doc

24585. Re: [FT897] New to the group.

Yahoo group: FT897 (2009)
Date: 2009-01-11 06:51:40 UTC
From: Larry D. Barr, K5WLF
Topic: 17411 Message: 24585

A 7 Ah battery isn't going to last very long. You'll need to consider how long you want to be independent of the power grid and calculate your necessary battery capacity from that. For a short grid failure, 7 Ah might get you by. For longer than "short", it ain't happening.

If you're looking to be useful in EmComms, it's nowhere near enough. Email me offlist if you'd like and I'll help you size your battery bank for what you want to do.

73,
ldb
K5WLF

n4dep wrote:
> Hello All,
>
> I am new to the group, and as of tomorrow I will become "official".
>
> My "internal" power supply arrived today and my FT-897 will be here
> tomorrow!! By the end of the day on Friday everything should be here,
> everything I've ordered so far that is.
>
> A FT-897 with internal PS. A LDG Z11 Pro and LDG Balun. A Daiwa SS-330W.
> A Buddipole Deluxe with long mast. A K1-4 kit. I think that's about it.
>
> I do have a couple of questions for the group. How do you know whether
> to use a 4:1 vs a 1:1 balun? I am also planning on getting a couple of
> small 12v gel cell or sealed lead acid batteries, something around 7ah,
> anybody got any recommendations? I'm also thinking about putting a
> slinky antenna in the attic at least until the spring thaw ;)
>
> I look forward to reading through all the great info/advice on the site.
>
> 73
>
> David N4DEP

24586. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 06:53:42 UTC
From: Larry D. Barr, K5WLF
Topic: 24575 Message: 24586

For $45.95, why would you want to build your own?

http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter

73,
ldb
K5WLF

Scot Jones wrote:
> Sorry if this has been asked before but.
>
> Im going to construct my own FT Meter but wondering what spec (FSD
> voltage etc) of panel meter I would require.
>
> Kind Regards

24587. Re: [FT897] Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-11 06:58:20 UTC
From: Larry D. Barr, K5WLF
Topic: 24582 Message: 24587

I don't know if you're talking about the TX or RX settings of the DSP.
The best way to set the TX is simply to make an adjustment and ask for
an on-air critique of your transmitted audio. Your fellow hams will
point you in the right direction to the best sound.

For your RX settings, it's simply what sounds best to you.

Enjoy the radio. I have two of them and think they're the neatest thing
since canned Guinness.

73,
ldb
K5WLF

John Dennett wrote:
> Hi all,
>
> I'm a recently upgraded general, so I'm getting used to HF in general, as
> well as the FT-897.
>
> I'm using the LDG AT-897 tuner, and have output to 2 different antennas,
> Hustler 4BTV, and a G5RV-jr in an inverted V peaking at about 20ft. I can't
> improve much on the antennas because of where I live.
>
> I have just started tinkering with the DSP, and am looking for where the
> group feels the best settings are for SSB on the 897.
>
> Thanks
>
> John-N1XHZ
>

24588. RE: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 09:00:47 UTC
From: Eric van de Weyer
Topic: 24575 Message: 24588

For US$49.95, why wouldn't I use a meter I already have?

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Larry D. Barr, K5WLF
Sent: Sunday, 11 January 2009 17:54
To: FT897@yahoogroups.com
Subject: Re: [FT897] FT Meter

For $45.95, why would you want to build your own?

http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter

73,
ldb
K5WLF

Scot Jones wrote:
> Sorry if this has been asked before but.
>
> Im going to construct my own FT Meter but wondering what spec (FSD
> voltage etc) of panel meter I would require.
>
> Kind Regards

Yahoo! Groups Links

24589. RE: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 09:01:38 UTC
From: Eric van de Weyer
Topic: 24575 Message: 24589

Hi Scot,

The meter is basically just a 1mA FSD movement.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Scot Jones
Sent: Friday, 9 January 2009 01:04
To: FT897@yahoogroups.com
Subject: [FT897] FT Meter

Sorry if this has been asked before but.

Im going to construct my own FT Meter but wondering what spec (FSD voltage etc) of panel meter I would require.

Kind Regards

Yahoo! Groups Links

24590. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 09:10:56 UTC
From: Larry D. Barr, K5WLF
Topic: 24575 Message: 24590

Whatever works for you. I'll admit to being a bit cynical since all our radios now are just computers with a couple RF stages attached in loose formation.

Back in the 60s and early 70s, I built a lot of kits and a few projects from scratch, but I've gotten away from it now since I haven't kept up with the latest advances in solid state electronics.

That's my fault, no question, but sometimes I miss the old Heathkits with the "hollow state" devices in them.

73,
ldb
K5WLF

Eric van de Weyer wrote:
> For US$49.95, why wouldn't I use a meter I already have?
>
> 73....Eric VK2VE.
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Larry D. Barr, K5WLF
> Sent: Sunday, 11 January 2009 17:54
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] FT Meter
>
> For $45.95, why would you want to build your own?
>
> http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter
>
> 73,
> ldb
> K5WLF
>
>
> Scot Jones wrote:
>> Sorry if this has been asked before but.
>>
>> Im going to construct my own FT Meter but wondering what spec (FSD
>> voltage etc) of panel meter I would require.
>>
>> Kind Regards

24591. RE: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 11:24:08 UTC
From: Scot Jones
Topic: 24575 Message: 24591

Cheers for the spec of the meter Eric.

73

Scot

M1AFY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: 11 January 2009 09:02
To: FT897@yahoogroups.com
Subject: RE: [FT897] FT Meter

Hi Scot,

The meter is basically just a 1mA FSD movement.

73....Eric VK2VE.

[Non-text portions of this message have been removed]

24592. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 12:59:14 UTC
From: Chris Baker
Topic: 24575 Message: 24592

Cos in the UK it is one $ = £
Looking in the junkbox most of us can make one & use the cash for other things

Thanks

Chris G4LDS

[Non-text portions of this message have been removed]

24593. Re: [FT897] New to the group.

Yahoo group: FT897 (2009)
Date: 2009-01-11 13:31:11 UTC
From: Jim Coon
Topic: 17411 Message: 24593

For about $70 the battery from battery space

https://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=2205

has the same rating, 13.2 v, 4500 mAH, as the stock Yaesu battery and
it comes with a charger.

The difference is it won't fit inside the rig (unless you take it
apart), and you have to make up a plug for it.

I put up a slinky down the hallway on the second floor and was able to
check into ECARS and the Waterways net and have a QSO with W1AW from
Detroit, I had to use an antenna tuner and I streached the slinky about
10 feet and added about 10 feet of wire to each end. I wil be glad
when I can get an off center fed dipole (windom) installed. HOping the
weather will break soon.

WB8QGT
n4dep wrote:
>
> Hello All,
>
> I am new to the group, and as of tomorrow I will become "official".
>
> My "internal" power supply arrived today and my FT-897 will be here
> tomorrow!! By the end of the day on Friday everything should be here,
> everything I've ordered so far that is.
>
> A FT-897 with internal PS. A LDG Z11 Pro and LDG Balun. A Daiwa SS-330W.
> A Buddipole Deluxe with long mast. A K1-4 kit. I think that's about it.
>
> I do have a couple of questions for the group. How do you know whether
> to use a 4:1 vs a 1:1 balun? I am also planning on getting a couple of
> small 12v gel cell or sealed lead acid batteries, something around 7ah,
> anybody got any recommendations? I'm also thinking about putting a
> slinky antenna in the attic at least until the spring thaw ;)
>
> I look forward to reading through all the great info/advice on the site.
>
> 73
>
> David N4DEP
>
>

24594. Possible external batteires

Yahoo group: FT897 (2009)
Date: 2009-01-11 13:46:46 UTC
From: Jim Coon
Topic: 17411 Message: 24594

Here are more options for batteries to use external to the unit.

https://www.batteryspace.com/index.asp?PageAction=VIEWCATS&Category=901

They don't have all the bells and whistles of the stock battery but you can make them work for you.

24595. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 13:50:45 UTC
From: Jim Coon
Topic: 24575 Message: 24595

Because it is fun to build things

Larry D. Barr, K5WLF wrote:
>
> For $45.95, why would you want to build your own?
>
> http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter
> <http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter>
>
> 73,
> ldb
> K5WLF
>
> Scot Jones wrote:
> > Sorry if this has been asked before but.
> >
> > Im going to construct my own FT Meter but wondering what spec (FSD
> > voltage etc) of panel meter I would require.
> >
>

24596. Re: [FT897] FT Meter Specs

Yahoo group: FT897 (2009)
Date: 2009-01-11 14:00:32 UTC
From: Jim Coon
Topic: 24559 Message: 24596

THe LDG manual says it is a 500 micro-amp meter with a calibration potentiometer to give a range of 0.5 - 2 ma.

Here is a link to their instruction manual.

http://www.ldgelectronics.com/manuals/FT%20MeterManual.pdf

Scot Jones wrote:
> Hi all.
>
> This may have been asked before but I couldn't find the info anywhere so..
>
> what spec is the panel meter required to construct an external meter
> for the
> 897. Ie FSD current etc.
>
> I've been prompted to do this by the face prints available in the download
> area.
>
> Any help greatly appreciated
>
> Scot
>
> M1AFY
>
> http://www.ft897.co.uk <http://www.ft897.co.uk>
>
> [Non-text portions of this message have been removed]
>
>

24597. Re: [FT897] Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-11 14:03:01 UTC
From: Jim Coon
Topic: 24582 Message: 24597

Filter as little as possible. Add filtering to make it less tiresum to
listen to and to remove annoying QRM and QRN

John Dennett wrote:
>
> Hi all,
>
> I'm a recently upgraded general, so I'm getting used to HF in general, as
> well as the FT-897.
>
> I'm using the LDG AT-897 tuner, and have output to 2 different antennas,
> Hustler 4BTV, and a G5RV-jr in an inverted V peaking at about 20ft. I
> can't
> improve much on the antennas because of where I live.
>
> I have just started tinkering with the DSP, and am looking for where the
> group feels the best settings are for SSB on the 897.
>
> Thanks
>
> John-N1XHZ
>
> --
> May you live as long as you wish and love as long as you live.
> Robert A. Heinlein
>
> [Non-text portions of this message have been removed]
>
>

24598. Re: [FT897] Ham radio Deluxe useing the ct-62 cat cable

Yahoo group: FT897 (2009)
Date: 2009-01-11 16:15:14 UTC
From: D F
Topic: 24578 Message: 24598

There are 2 ports on the radio and if I remember correctly, the port to program is NOT the same as the one for computer control. Make sure you are using the correct port AND cable!

From: Darryl <amateur@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 10, 2009 3:57:05 PM
Subject: [FT897] Ham radio Deluxe useing the ct-62 cat cable

For some strange reason the program will not allow me to connect to
the the radio?
i have adms programming software and it works fine.
I had tried ever configuration on the settings on the ham radio Deluxe
program..with no luck..
If anyone has any Ideas Please let me know!!

Thanks

K7REW

[Non-text portions of this message have been removed]

24599. Re: [FT897] Ham radio Deluxe useing the ct-62 cat cable

Yahoo group: FT897 (2009)
Date: 2009-01-11 16:25:38 UTC
From: graham.astbury@theedge.ca
Topic: 24578 Message: 24599

The ports are the same for Rig control and programming of memories etc - CAT port. No Change there. Check your settings in the Programming software and make sure you are set up with the same settings in HRD. If you can connect with one, connecting with the other will work.
VE8AA

Graham Astbury
Yellowknife, NT CANADA

24600. Re: [FT897] FT-897 ALC and Digital Modes

Yahoo group: FT897 (2009)
Date: 2009-01-11 16:32:20 UTC
From: Lee Jorgensen
Topic: 24580 Message: 24600

Hi Ryan,

I've noticed this as well, even within a band, the volume coming out of the computer needs to be adjusted whenever you change locations on the waterfall.

You really have 2 options ...

1) Get a PSKMeter http://www.ssiserver.com/info/pskmeter/ which automatically adjusts your soundcard as you send data.

2) Manually watch an external meter, like the FTMeter http://www.ldgelectronics.com/products.php?cID=3&pID=16&v=1 which is easier to read/understand than the onboard digital meter (which is very poor IMO).

With your other problem at very low power, I typically don't run that low, so I'll defer to others.

-Lee.
n0wq

ab8xx@... wrote:
> The manual calls out adjusting the input audio signal for about 7-8
> dots on the display. I adjust it for about 3-6 units on the meter so
> that overdriving the TX does not occur. While testing a PSK31 signal
> into a dummy load, I noticed that from band to band, the ALC level
> seems to change in strength even though the amount of audio feeding
> the radio had not changed. This is just with a blank PSK31 signal with
> no characters sent. Modulation is full scale. People tell me that I
> look good and clean on the waterfall (with only about 1 "unit" of ALC
> on the meter). Why would it fluctuate? It seems you would have the
> same amount of ALC all the time from band to band because it goes to
> the balanced mixer.
>
> Another issue I have noticed is that when setting up the audio levels
> at 5w (I operate with the lowest power I can), adjusting audio out
> from the computer to the radio can be tricky with the ALC. Only
> increasing volume by 10% on the laptop causes it to jump from 1 unit
> of ALC to about 9, with no medium in between. When you increase the RF
> power out of the transmitter, it seems to throw off the ALC setting.
>
> Any ideas?
>
> Thanks,
>
> Ryan AB8XX

>

24601. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 16:57:33 UTC
From: Joe
Topic: 24575 Message: 24601

Building things....Isn't that what our hobby *used to be* all about?

How quickly we forget our electronic roots.....

Good answer Jim!

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Jim Coon" <liteways@...>
Subject: Re: [FT897] FT Meter

> Because it is fun to build things
>
> Larry D. Barr, K5WLF wrote:
>>
>> For $45.95, why would you want to build your own?

24602. Re: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 17:05:46 UTC
From: Paul Graham
Topic: 24575 Message: 24602

Good for you Jim! I just stuck a new meter guage on my 'homebrew' meter :)

Paul
2E0RAK

From: Jim Coon <liteways@...>
To: FT897@yahoogroups.com
Sent: Sunday, 11 January, 2009 13:50:45
Subject: Re: [FT897] FT Meter

Because it is fun to build things

Larry D. Barr, K5WLF wrote:
>
> For $45.95, why would you want to build your own?
>
> http://www.hamcity. com/SearchResult .aspx?KeyWords= ft-meter
> <http://www.hamcity. com/SearchResult .aspx?KeyWords= ft-meter>
>
> 73,
> ldb
> K5WLF
>
> Scot Jones wrote:
> > Sorry if this has been asked before but.
> >
> > Im going to construct my own FT Meter but wondering what spec (FSD
> > voltage etc) of panel meter I would require.
> >
>

[Non-text portions of this message have been removed]

24603. RE: [FT897] FT Meter

Yahoo group: FT897 (2009)
Date: 2009-01-11 21:24:18 UTC
From: Eric van de Weyer
Topic: 24575 Message: 24603

I have to agree wholeheartedly with that sentiment!!!!

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim
Coon
Sent: Monday, 12 January 2009 00:51
To: FT897@yahoogroups.com
Subject: Re: [FT897] FT Meter

Because it is fun to build things

Larry D. Barr, K5WLF wrote:
>
> For $45.95, why would you want to build your own?
>
> http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter
> <http://www.hamcity.com/SearchResult.aspx?KeyWords=ft-meter>
>
> 73,
> ldb
> K5WLF
>
> Scot Jones wrote:
> > Sorry if this has been asked before but.
> >
> > Im going to construct my own FT Meter but wondering what spec (FSD
> > voltage etc) of panel meter I would require.
> >
>

Yahoo! Groups Links

24604. Re: Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-11 23:29:54 UTC
From: chameleon_antenna
Topic: 24582 Message: 24604

Good afternoon John,

Congratulation for your General upgrade! I will do the same this week.

Concerning your antennas "problems": Like a lot of people getting into HF, available space for HF antenna can be a real problem. A lot of factors can disturb the quality of your TX/RX: power cable/line, other electrical equipements, etc... I personally don't have a lot of space where I live. So for me a 51 ft. dipole was simply out of question!

So I've decided to get a vertical 8.5 feet high CHAMELEON V1 HF Multiband Antenna☐ <http://alexander.the.hard.googlepages.com/home> . This is a 10 bands antenna that also works on 70cm and 2M. That come with a little device, a balun 9:1, which help to remove noises and improve the SWR. So to find the perfect location to setup my antenna it was MUCH more easier to move my 8.5 feet antenna to the perfect location by trials and errors that it would be with a 51 ft. dipole.

Now back to the Ft-897: No real perfect setup exist for SSB. But here some tricks that I found by experiencing with it.

* If your signal is weak but not fading use the DSP - DBF.
* If your signal is weak and fading use the DSP - DBF and use the Clar setting (bottom right of your Ft-897). To keep a good reception you will have to follow the signal fading by constantly tuning the Clar knob.
* If your signal is strong but very noisy use the DSP - DNR and sometime the DNF at the same time.

I hope that this will help.
For more informations about the CHAMELEON V1 HF Multiband Antenna☐ go there:

http://alexander.the.hard.googlepages.com/home
<http://alexander.the.hard.googlepages.com/home>

Carl KI6TRA

[Non-text portions of this message have been removed]

24605. Re: [FT897] Ham radio Deluxe useing the ct-62 cat cable

Yahoo group: FT897 (2009)
Date: 2009-01-12 03:03:04 UTC
From: John Dennett
Topic: 24578 Message: 24605

Check the radio, menu item 20, CAT/LIN/TUN should be CAT...

73 John N1XHZ

On Sun, Jan 11, 2009 at 11:25 AM, <graham.astbury@...> wrote:

>
> The ports are the same for Rig control and programming of memories etc -
> CAT port. No Change there. Check your settings in the Programming software
> and make sure you are set up with the same settings in HRD. If you can
> connect with one, connecting with the other will work.
> VE8AA
>
> ---------------------------
> Graham Astbury
> Yellowknife, NT CANADA
>
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

[Non-text portions of this message have been removed]

24606. Re: [FT897] FT Meter Specs

Yahoo group: FT897 (2009)
Date: 2009-01-11 18:14:00 UTC
From: john boast
Topic: 24559 Message: 24606

Hi Scot

I made a meter in a box with the face print. The meter is rectangular and the face print just doesn't fit exactly as my local club members tell me. (jealousy?)

The box was abs from maplins and is almost as big as the rig - meter 6" by 41/2" by 21/2 " deep and the box 81/2" by 5" by 3" and it cost a lot more than the salvaged 500 micro-amp meter from a rally.

For £10, I have a fine looking easily readable multi purpose meter - the shunt worked out to be 100 ohm as I remember and gives full scale on FS from the radio.

Stuart Boast

G3WDL

From: Jim Coon <liteways@...>
To: FT897@yahoogroups.com
Sent: Sunday, 11 January, 2009 14:00:32
Subject: Re: [FT897] FT Meter Specs

THe LDG manual says it is a 500 micro-amp meter with a calibration
potentiometer to give a range of 0.5 - 2 ma.

Here is a link to their instruction manual.

http://www.ldgelect ronics.com/ manuals/FT% 20MeterManual. pdf

Scot Jones wrote:
>
> Hi all.
>
> This may have been asked before but I couldn't find the info anywhere so..
>
> what spec is the panel meter required to construct an external meter
> for the
> 897. Ie FSD current etc.
>
> I've been prompted to do this by the face prints available in the download
> area.
>
> Any help greatly appreciated
>
> Scot
>
> M1AFY

>
> http://www.ft897. co.uk <http://www.ft897. co.uk>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

24607. Re: [FT897] Re: Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-12 03:16:36 UTC
From: Jim N7TCF
Topic: 24582 Message: 24607

A few comments...

DBF is a Band Pass Filter. It rolls off signals above and below the settings. Good starting point is 300 Hz and 2600 Hz. Alter to suit your ears, there are no wrong settings. Experiment until it sounds good.

Clar is clarifier. This is useful for temporary, small frequency shifts to the receiver. Say you're in a round-table discussion and one station is off a bit off frequency, adjust the clarifier for best voice quality. The benefit is the transmit freq stays the same, so the group doesn't keep retuning. It does nothing for a fading signal.

DNR is Digital Noise Reduction. Useful at almost all times. Turn it off to hear what a radio sounds like circa 1990.

DNF is Digital Notch Filter. This reduces the annoying tune-up carriers and other narrow-width signals. It should be off for CW, digital modes or music.This has an adjustable setting also.

Jim N7TCF

chameleon_antenna wrote:

> * If your signal is weak but not fading use the DSP - DBF.
> * If your signal is weak and fading use the DSP - DBF and use the
> Clar setting (bottom right of your Ft-897). To keep a good reception you
> will have to follow the signal fading by constantly tuning the Clar
> knob.
> * If your signal is strong but very noisy use the DSP - DNR and
> sometime the DNF at the same time.

24608. Re: [FT897] Re: Hello folks...!

Yahoo group: FT897 (2009)
Date: 2009-01-12 13:16:49 UTC
From: Kerryguy7
Topic: 24482 Message: 24608

Thanks for that link Alexander!
Looks like an interesting antenna...how does it compare to the "SuperAntenna" system or to the "Buddipole"...do you know?
(Both have similar designs)
'73s!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: chameleon_antenna <alexander.the.hard@...>
To: FT897@yahoogroups.com
Sent: Friday, January 9, 2009 7:01:57 PM
Subject: [FT897] Re: Hello folks...!

Hi Tom,

If you're looking for an antenna that will sustain 20 watts, have a
look at this one. It's a multiband antenna (8.5 feet tall) that is
very efficient.

CHAMELEON V1 HF Multiband Antenna?
http://alexander. the.hard. googlepages. com/home

Cheers!

Alexander KI6TRA

[Non-text portions of this message have been removed]

24609. RE: [FT897] FT Meter Specs

Yahoo group: FT897 (2009)
Date: 2009-01-12 14:43:37 UTC
From: Scot Jones
Topic: 24559 Message: 24609

I wanted to build one for two reasons

1) well its cheaper than buying one although ‘cheap’ and amateur radio don’t tend to be put in the same sentence.

And

2) I want to build one,, no fun for me in buying one…

Cheers all for the help with the specs of the meter.

73’s

M1AFY

[Non-text portions of this message have been removed]

24610. Re: FT-897 ALC and Digital Modes

Yahoo group: FT897 (2009)
Date: 2009-01-12 15:19:05 UTC
From: Steve Yates
Topic: 24580 Message: 24610

Ryan,

I suspect that the internal adjustments of the radio that set the power output (ex., max. 100 W) do so by adjusting the ALC level. Since the total system gain in the transmitter can vary from band to band the point at which the ALC is activated also changes. Without an ALC circuit the rig's maximum output would change from band to band. As you noticed, at 5 W the ALC becomes pretty touchy, probably because a large amount of ALC is used to limit the power. Once I have things set up I find that I only need to adjust the Digital Gain on the radio from band to band or different power levels to keep the ALC from activating. I can keep the computer's output the same.

I always make sure that at whatever power level I'm using that no ALC is indicated while in the digital modes. ALC indicates compression which distorts the audio waveform and increases the bandwidth. For SSB this is okay but it is bad for the digital modes. I don't find on the air reports very useful anymore since I've seen folks give excellent reports to stations that were as wide as a barn door. A particular XE station on 20m PSK31 comes to mind ;-)

73,
Steve - AA5TB

24611. Re: Filter settings

Yahoo group: FT897 (2009)
Date: 2009-01-12 15:25:08 UTC
From: Steve Yates
Topic: 24582 Message: 24611

--- In FT897@yahoogroups.com, Jim N7TCF <n7tcf@...> wrote:
>
> DNF is Digital Notch Filter. This reduces the annoying tune-up
> carriers and other narrow-width signals. It should be off for CW,
> digital modes or music.This has an adjustable setting also.
>
> Jim N7TCF

Hi Jim,

How do you adjust the Digital Notch Filter other then on and off?

Thanks.

73,
Steve - AA5TB

24612. Re: FT-897 ALC and Digital Modes

Yahoo group: FT897 (2009)
Date: 2009-01-12 18:26:52 UTC
From: ab8xx@rocketmail.com
Topic: 24580 Message: 24612

Thanks Lee and Steve.

I may end up getting one of those FT Meters from LDG. That would probably help some and make using the radio overall better.

>Once I have things set up I find that I only need to adjust the
>Digital Gain on the radio from band to band or different power
>levels to keep the ALC from activating. I can keep the computer's
>output the same.

I like that idea and will give it a try. A while ago I used a Kantronics KAM for HF digital and used to adjust the rig's digital gain for it (but was probably still over driving the rig because I was going by the manual hi hi).

Thanks for your help!

73, Ryan AB8XX

24613. Re: [FT897] FT Meter Specs

Yahoo group: FT897 (2009)
Date: 2009-01-12 22:48:24 UTC
From: Jim Coon
Topic: 24559 Message: 24613

If you have a multi meter, they usually have milliamp scales on them so
you can read the output and find the max before you bu a meter.

Scot Jones wrote:
>
> I wanted to build one for two reasons
>
> 1) well its cheaper than buying one although ‘cheap’ and amateur radio
> don’t tend to be put in the same sentence.
>
> And
>
> 2) I want to build one,, no fun for me in buying one…
>
> Cheers all for the help with the specs of the meter.
>
> 73’s
>
> M1AFY
>
> [Non-text portions of this message have been removed]
>
>

24614. Re: AT for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-01-13 02:22:46 UTC
From: tenorman1952
Topic: 24583 Message: 24614

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...>
wrote:

(snip)

> When you get to a coax fed antenna, you'll want the LDG AT-897, not
the Yaesu FC-30.
>
> 73,
> ldb
> K5WLF

I cannot begin to tell you how much I like my LDG AT-897... like
Forest Gump says, "Well, that's one less thing to worry about."

It is very simple to operate and quickly tunes up, for me, everything
but the 160 meter band. I have a multiband dipole, the longest legs
are 60' each side for 80 meters. It won't tune that on 160 meters.
but everything else, a push of the button, ZzzzT!, and it's good to
go.

The next worst band on my antenna is 12 meters, 5:1 SWR, and it
easily tunes, that.

Excellent choice.

Paul
AE5JU

24615. Re : [FT897] Re: AT for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-01-14 09:31:10 UTC
From: EVERARDUS VAN T HULL
Topic: 24583 Message: 24615

Hello, I had the same problem on 160m. I solved this by the insertion between the tuner and the antenna feedline of a 1:1 choke balun. 10 spires of RG213 on a plastc pipe of 4" diameter. by the way my tuner is an AT200pro but similar to AT897.My antenna is a G5RV inv. V at 12m above ground.
I hope this can help you.
Best regards "Victor" F1OQE

--- En date de : Mar 13.1.09, tenorman1952 <tenorman1952@...> a écrit :

De: tenorman1952 <tenorman1952@...>
Objet: [FT897] Re: AT for FT-897D
À: FT897@yahoogroups.com
Date: Mardi 13 Janvier 2009, 3h22

--- In FT897@yahoogroups. com, "Larry D. Barr, K5WLF" <k5wlf@...>
wrote:

(snip)

> When you get to a coax fed antenna, you'll want the LDG AT-897, not
the Yaesu FC-30.
>
> 73,
> ldb
> K5WLF

I cannot begin to tell you how much I like my LDG AT-897... like
Forest Gump says, "Well, that's one less thing to worry about."

It is very simple to operate and quickly tunes up, for me, everything
but the 160 meter band. I have a multiband dipole, the longest legs
are 60' each side for 80 meters. It won't tune that on 160 meters.
but everything else, a push of the button, ZzzzT!, and it's good to
go.

The next worst band on my antenna is 12 meters, 5:1 SWR, and it
easily tunes, that.

Excellent choice.

Paul
AE5JU

[Non-text portions of this message have been removed]

24616. Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-14 16:30:40 UTC
From: willgord
Topic: 24616 Message: 24616

New to HF and fairly new to the 897D. Have mostly used it on VHF-UHF and only now am working my way through HF.

Operating USB on 20 meters, I get a shift between receive and transmit frequencies. Obviously I need a shift when operating through in VHF-UHF through a repeater, but obviously don't when operating simplex on 20 meters--or any other HF frequency.

How do I disable the shift function so I transmit and receive HF on the same frequency?

I am sure the answer is perfectly simple, but for the moment it has baffled me.

Gordon
K2GLW

24617. Re: [FT897] Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-14 16:34:58 UTC
From: jer1538a@aol.com
Topic: 24616 Message: 24617

ROW A A=B (VFO) OR ROW D RPT ??

****
A Good Credit Score is 700
or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100000075x1215855013x1201028747/aol?redir=http://www.freecreditreport.com/pm/default
.aspx?sc=668072%26hmpgID=62%26bcd=DecemailfooterNO62)

[Non-text portions of this message have been removed]

24618. Re: [FT897] Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-14 17:11:46 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 24616 Message: 24618

Also make sure clarify is off. It's that small unlabeled button next to the clarify knob.

Rob
AF6CM

On Wed, 14 Jan 2009 11:34:58 EST, jer1538a@... said:
> ROW A A=B (VFO) OR ROW D RPT ??
>

24619. Re : [FT897] Re: AT for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-01-14 17:20:07 UTC
From: tenorman1952
Topic: 24583 Message: 24619

--- In FT897@yahoogroups.com, EVERARDUS VAN T HULL
<everardus_vanthull@...> wrote:
>
> Hello, I had the same problem on 160m. I solved this by the insertion
between the tuner and the antenna feedline of a 1:1 choke balun. 10
spires of RG213 on a plastc pipe of 4" diameter. by the way my tuner is
an AT200pro but similar to AT897.My antenna is a G5RV inv. V at 12m
above ground.
> I hope this can help you.
> Best regards "Victor" F1OQE

(snip)

> It is very simple to operate and quickly tunes up, for me, everything
> but the 160 meter band. I have a multiband dipole, the longest legs
> are 60' each side for 80 meters. It won't tune that on 160 meters.

(snip)

I have a 1:1 Choke Balun (aka "Ugly Balun") with 17 turns of LMR-200 on
4" pvc pipe.

Antenna is a multiband dipole with 58' legs for 75 meters, 32' legs for
40 meters, and 16.4' legs for 20 meters. It tunes up on 17, 15, 12,
10, and 6 meters.

I'm thinking of adding another segment for 160 meters with coils in the
middle of each leg.

Paul
AE5JU

24620. Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-13 12:33:58 UTC
From: tisle3000
Topic: 24620 Message: 24620

Hi all! I am a new and happy owner of an FT-897D. Now, what would you recommend for an HF vertical that would withstand heavy winds and would not need to be guyed? I can only install a vertical antenna on the roof of my my base station, and the antenna cannot even be guyed, which probably rules out the longest verticals on the market.

Furthermore, I would be happy if you could give some suggestions for a good HF vertical for mobile/portable use. I do not necessarily need tremendous multiband capability (20 m and 17 m being my favourite bands), but I definitely would like the vertical to be as efficient as possible, since I will be operating mostly on the FT-897D's internal battery power, which limits the output power to 20 watts.

Any suggestions?

73,

Ari - OH2GSY

24621. CAT Cable Schematics

Yahoo group: FT897 (2009)
Date: 2009-01-12 04:57:56 UTC
From: Selva Kumar R
Topic: 24621 Message: 24621

Hi,

I'm looking for schematics of the CAT Interface cable for use with Ham Radio Deluxe. USB / RS232 schematics will do.

de
Selva, VU3RWB
India

[Non-text portions of this message have been removed]

24622. FT-897 Connections

Yahoo group: FT897 (2009)
Date: 2009-01-12 22:30:57 UTC
From: dsprude
Topic: 24622 Message: 24622

Running FT-897. Connect to an AL-811 thru a ARB-704 Interface Buffer using the PNP-8M Cable to the cat/linear port on the FT-897.

Want to use Ham Radio Deluxe, interfacting to the computer with CT-62 interface cable.

Can't use the cat/linear port for both at the same time.

Have tried going direct from the ACC mini plug on the FT-897 to the radio connection on the ARB-704.....no luck.

Appreciate any suggestions on how to activate the AL-811.....thanks/73

KB8SWP Don

24623. Re: [FT897] Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-14 22:29:24 UTC
From: John Dennett
Topic: 24620 Message: 24623

How about Radials? Are those issues as well?

I'm using a Hustler 4BTV, but I know that they also have a 5 band
version.Had decent results so far.

73
John
N1XHZ

On Tue, Jan 13, 2009 at 7:33 AM, tisle3000 <tisle3000@...> wrote:

> Hi all! I am a new and happy owner of an FT-897D. Now, what would you
> recommend for an HF vertical that would withstand heavy winds and
> would not need to be guyed? I can only install a vertical antenna on
> the roof of my my base station, and the antenna cannot even be guyed,
> which probably rules out the longest verticals on the market.
>
> Furthermore, I would be happy if you could give some suggestions for a
> good HF vertical for mobile/portable use. I do not necessarily need
> tremendous multiband capability (20 m and 17 m being my favourite
> bands), but I definitely would like the vertical to be as efficient as
> possible, since I will be operating mostly on the FT-897D's internal
> battery power, which limits the output power to 20 watts.
>
> Any suggestions?
>
> 73,
>
> Ari - OH2GSY
>
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

[Non-text portions of this message have been removed]

24624. Re: [FT897] Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-14 22:34:09 UTC
From: Bill Husted
Topic: 24620 Message: 24624

I can't help on the vertical for mobile (I don't operate mobile) but for the vertical at your base station that doesn't need to be guyed, I am a big fan of antennas by this guy:

http://www.zerofive-antennas.com/

Great service and some of the most robust antennas I've ever seen. My 20 meter monoband vertical from Zero Five is so strong that you could dang near but a bea m on top of it, well dang near. (If you do go the vertical route at your home station, put out as many radials as you can and then add that many again, smile. But with enough radials a vertical holds up OK, especially over the long haul. I use a 20-meter yagi as a reference antenna to the Zero Five vertical (purchased before the yagi or frankly, I wouldn't have purchased the vertical), but it's there now so it stays. The yagi always blows the vertical away but - almost always - I can hear the station and work it on the vertical, just with a diminished signal.

I've also had good luck just building monoband verticals - use big enough aluminum tubing and they aren't going to go anywhere. I have a homebrew full-sized monoband 40-meter vertical and - again I used heavy tubing - it is unguyed and doesn't even notice heavy winds. And with a tuner, you can use it as a multiband antenna, although I don't go that route.

Bill KQ4YA

----- Original Message -----
From: tisle3000
To: FT897@yahoogroups.com
Sent: Tuesday, January 13, 2009 7:33 AM
Subject: [FT897] Suggestions for a HF (mobile) vertical

Hi all! I am a new and happy owner of an FT-897D. Now, what would you recommend for an HF vertical that would withstand heavy winds and would not need to be guyed? I can only install a vertical antenna on the roof of my my base station, and the antenna cannot even be guyed, which probably rules out the longest verticals on the market.

Furthermore, I would be happy if you could give some suggestions for a good HF vertical for mobile/portable use. I do not necessarily need tremendous multiband capability (20 m and 17 m being my favourite bands), but I definitely would like the vertical to be as efficient as possible, since I will be operating mostly on the FT-897D's internal battery power, which limits the output power to 20 watts.

Any suggestions?

73,

Ari - OH2GSY

[Non-text portions of this message have been removed]

24625. Re: [FT897] FT-897 Connections

Yahoo group: FT897 (2009)
Date: 2009-01-14 22:35:10 UTC
From: John McCoy
Topic: 24622 Message: 24625

Yes you can all you need to do is to make you a split y cable like I did. I went to the local electronic store and got 2 inline 8 pin connector and 1 male inline 8 pin connector. then I split the wire that I wanted to go to the amp and the wires that goes to the cat interface. So I can now use both the arb704 amp interface and the cat cable and HRD.

Jerry wb9onu

--- On Mon, 1/12/09, dsprude <dsprude@...> wrote:

From: dsprude <dsprude@...>
Subject: [FT897] FT-897 Connections
To: FT897@yahoogroups.com
Date: Monday, January 12, 2009, 10:30 PM

Running FT-897. Connect to an AL-811 thru a ARB-704 Interface Buffer
using the PNP-8M Cable to the cat/linear port on the FT-897.

Want to use Ham Radio Deluxe, interfacting to the computer with CT-62
interface cable.

Can't use the cat/linear port for both at the same time.

Have tried going direct from the ACC mini plug on the FT-897 to the
radio connection on the ARB-704..... ......no luck.

Appreciate any suggestions on how to activate the AL-
811........thanks/ 73

KB8SWP Don

[Non-text portions of this message have been removed]

24626. RE: [FT897] CAT Cable Schematics

Yahoo group: FT897 (2009)
Date: 2009-01-14 22:52:40 UTC
From: Eric van de Weyer
Topic: 24621 Message: 24626

Hi Selva,

Just Google "CAT Interface" and you will get heaps of answers including the schematic of the original Yaesu one.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Selva Kumar R
Sent: Monday, 12 January 2009 15:58
To: FT897@yahoogroups.com
Subject: [FT897] CAT Cable Schematics

Hi,

I'm looking for schematics of the CAT Interface cable for use with Ham Radio Deluxe. USB / RS232 schematics will do.

de
Selva, VU3RWB
India

[Non-text portions of this message have been removed]

Yahoo! Groups Links

24627. Re: [FT897] Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-14 23:11:55 UTC
From: kc3vo@aol.com
Topic: 24620 Message: 24627

The mobile TARHEEL antenna, model 200, will perform well in mobile or fixed, providing that you attach radial wires to its mounting/grounding base when used as a fixed location antenna. These radiail wires should be at least 30 feet long, and a minimum of 4 should be used, but more and longer is better. The Tarheel antenna will operate all bands from 3.5 mhz. to 54 mhz. (The antenna needs 12 volts to operate its tuning motor) This antenna is about 11 feet tall, with a large tuning coil. Bigger is better, do not use the smaller antennas, your transmit signal will suffer more! --73, KC3VO-Bob Curry

24628. Re: [FT897] CAT Cable Schematics

Yahoo group: FT897 (2009)
Date: 2009-01-14 23:34:05 UTC
From: Jim Coon
Topic: 24621 Message: 24628

Look in the files section for tinycat You can get a kit or I think just the circuit board if you want.

Selva Kumar R wrote:
>
> Hi,
>
> I'm looking for schematics of the CAT Interface cable for use with Ham
> Radio Deluxe. USB / RS232 schematics will do.
>
> de
> Selva, VU3RWB
> India
>
> [Non-text portions of this message have been removed]
>
>

24629. Re: [FT897] Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-14 23:42:46 UTC
From: Jim Coon
Topic: 24620 Message: 24629

I took a 1/2 wavelength of wire and wrapped it around the house, attaching it to the gutters and shingles using the little clips that Home Depot sells for putting up Holiday lighting. I put the feed point at 36% of the length from the end and get low SWR on most bands using a 4:1 balun. It's a version of an off center fed dipole or Windom antenna, except instead of being in a straight line, it wraps 3/4 the way around the house. The wire can hardly be seen from the street and the cost was about $25 for the balun, $10 for the clips to hold it up, and I got the 16 gauge wire for Christmas. It works a lot better than the slinky I was using and better than the mobile antenna. You might be able to use that approach.

tisle3000 wrote:
>
> Hi all! I am a new and happy owner of an FT-897D. Now, what would you
> recommend for an HF vertical that would withstand heavy winds and
> would not need to be guyed? I can only install a vertical antenna on
> the roof of my my base station, and the antenna cannot even be guyed,
> which probably rules out the longest verticals on the market.
>
> Furthermore, I would be happy if you could give some suggestions for a
> good HF vertical for mobile/portable use. I do not necessarily need
> tremendous multiband capability (20 m and 17 m being my favourite
> bands), but I definitely would like the vertical to be as efficient as
> possible, since I will be operating mostly on the FT-897D's internal
> battery power, which limits the output power to 20 watts.
>
> Any suggestions?
>
> 73,
>
> Ari - OH2GSY
>
>

24630. Re: [FT897] FT-897 Connections

Yahoo group: FT897 (2009)
Date: 2009-01-14 23:46:25 UTC
From: Donald Sprude
Topic: 24622 Message: 24630

Thanks.....looking at the cat-2 from bhi.....little pricey.....but sounds like a possible solution

--- On Wed, 1/14/09, John McCoy <j_old_man@...> wrote:

From: John McCoy <j_old_man@...>
Subject: Re: [FT897] FT-897 Connections
To: FT897@yahoogroups.com
Date: Wednesday, January 14, 2009, 5:35 PM

Yes you can all you need to do is to make you a split y cable like I did. I went to the local electronic store and got 2 inline 8 pin connector and 1 male inline 8 pin connector. then I split the wire that I wanted to go to the amp and the wires that goes to the cat interface. So I can now use both the arb704 amp interface and the cat cable and HRD.

Jerry wb9onu

--- On Mon, 1/12/09, dsprude <dsprude@yahoo. com> wrote:

From: dsprude <dsprude@yahoo. com>
Subject: [FT897] FT-897 Connections
To: FT897@yahoogroups. com
Date: Monday, January 12, 2009, 10:30 PM

Running FT-897. Connect to an AL-811 thru a ARB-704 Interface Buffer
using the PNP-8M Cable to the cat/linear port on the FT-897.

Want to use Ham Radio Deluxe, interfacting to the computer with CT-62
interface cable.

Can't use the cat/linear port for both at the same time.

Have tried going direct from the ACC mini plug on the FT-897 to the
radio connection on the ARB-704..... ......no luck.

Appreciate any suggestions on how to activate the AL-
811........thanks/ 73

KB8SWP Don

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24631. Re: [FT897] CAT Cable Schematics

Yahoo group: FT897 (2009)
Date: 2009-01-15 02:27:26 UTC
From: Jim Coon
Topic: 24621 Message: 24631

Here are a couple of pages on how to build one.

http://www.min.at/prinz/oe1rib/CAT/

http://om3rkp.cq.sk/articles.php?lng=en&pg=12

Selva Kumar R wrote:
>
> Hi,
>
> I'm looking for schematics of the CAT Interface cable for use with Ham
> Radio Deluxe. USB / RS232 schematics will do.
>
> de
> Selva, VU3RWB
> India
>
> [Non-text portions of this message have been removed]
>
>

24632. Re: Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-15 02:33:57 UTC
From: gardfire5
Topic: 24620 Message: 24632

If you are looking for a good mobile antenna, atas 120 is a great antenna. I am having problems with it tuning on 40 meters and 10 meters but if all you are using is 20m and 17m it works great. I have had QSO with hammers in Florida and Georgia as if they were sitting next to me. I live in central Maine so it definately reaches out and touchs people. I have a unique set up so as soon as I have a permanent shack this antenna will have to do. I have it mounted to a metal post two feet into the ground, with a K400C. like i said it works great on 20m and 17m hope this helps.
Patrick
KB1QVJ
>
> tisle3000 wrote:
> >
> > Hi all! I am a new and happy owner of an FT-897D. Now, what would you
> > recommend for an HF vertical that would withstand heavy winds and
> > would not need to be guyed? I can only install a vertical antenna on
> > the roof of my my base station, and the antenna cannot even be guyed,
> > which probably rules out the longest verticals on the market.
> >
> > Furthermore, I would be happy if you could give some suggestions for a
> > good HF vertical for mobile/portable use. I do not necessarily need
> > tremendous multiband capability (20 m and 17 m being my favourite
> > bands), but I definitely would like the vertical to be as efficient as
> > possible, since I will be operating mostly on the FT-897D's internal
> > battery power, which limits the output power to 20 watts.
> >
> > Any suggestions?
> >
> > 73,
> >
> > Ari - OH2GSY
> >
> >
>

24633. Re: [FT897] Re: Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-15 02:54:47 UTC
From: Jim Coon
Topic: 24620 Message: 24633

I have the ATAS100 and was having trouble with 40 meters until I found
that after having it try to tune and watching the SWR meter, stop it at
the low point and proceed to raise or lower it manually.

gardfire5 wrote:
>
> If you are looking for a good mobile antenna, atas 120 is a great
> antenna. I am having problems with it tuning on 40 meters and 10
> meters but if all you are using is 20m and 17m it works great. I
> have had QSO with hammers in Florida and Georgia as if they were
> sitting next to me. I live in central Maine so it definately reaches
> out and touchs people. I have a unique set up so as soon as I have a
> permanent shack this antenna will have to do. I have it mounted to a
> metal post two feet into the ground, with a K400C. like i said it
> works great on 20m and 17m hope this helps.
> Patrick
> KB1QVJ
> >
> > tisle3000 wrote:
> > >
> > > Hi all! I am a new and happy owner of an FT-897D. Now, what would
> you
> > > recommend for an HF vertical that would withstand heavy winds and
> > > would not need to be guyed? I can only install a vertical antenna
> on
> > > the roof of my my base station, and the antenna cannot even be
> guyed,
> > > which probably rules out the longest verticals on the market.
> > >
> > > Furthermore, I would be happy if you could give some suggestions
> for a
> > > good HF vertical for mobile/portable use. I do not necessarily
> need
> > > tremendous multiband capability (20 m and 17 m being my favourite
> > > bands), but I definitely would like the vertical to be as
> efficient as
> > > possible, since I will be operating mostly on the FT-897D's
> internal
> > > battery power, which limits the output power to 20 watts.
> > >
> > > Any suggestions?
> > >
> > > 73,
> > >
> > > Ari - OH2GSY

> > >
> > >
> >
>
>

24634. Re: [FT897] Re: Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-15 04:14:53 UTC
From: gordon bennett
Topic: 24620 Message: 24634

as far as a vertical hf with no radials I Love my Comet 250. 6 to 80 meters no problem and it 21 ft. high. just my input

Gordon
KE5ILI

From: gardfire5 <gardfire5@...>
To: FT897@yahoogroups.com
Sent: Wednesday, January 14, 2009 7:33:57 PM
Subject: [FT897] Re: Suggestions for a HF (mobile) vertical

If you are looking for a good mobile antenna, atas 120 is a great antenna.. I am having problems with it tuning on 40 meters and 10 meters but if all you are using is 20m and 17m it works great. I have had QSO with hammers in Florida and Georgia as if they were sitting next to me. I live in central Maine so it definately reaches out and touchs people. I have a unique set up so as soon as I have a permanent shack this antenna will have to do. I have it mounted to a metal post two feet into the ground, with a K400C. like i said it works great on 20m and 17m hope this helps.
Patrick
KB1QVJ
>
> tisle3000 wrote:
> >
> > Hi all! I am a new and happy owner of an FT-897D. Now, what would you
> > recommend for an HF vertical that would withstand heavy winds and
> > would not need to be guyed? I can only install a vertical antenna on
> > the roof of my my base station, and the antenna cannot even be guyed,
> > which probably rules out the longest verticals on the market.
> >
> > Furthermore, I would be happy if you could give some suggestions for a
> > good HF vertical for mobile/portable use. I do not necessarily need
> > tremendous multiband capability (20 m and 17 m being my favourite
> > bands), but I definitely would like the vertical to be as efficient as
> > possible, since I will be operating mostly on the FT-897D's internal
> > battery power, which limits the output power to 20 watts.
> >

> > Any suggestions?
> >
> > 73,
> >
> > Ari - OH2GSY
> >
> >
>

[Non-text portions of this message have been removed]

24635. Re: [FT897] Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-15 10:04:08 UTC
From: John Earnshaw
Topic: 24616 Message: 24635

Apart from the other suggestions have a look at row A and check split is not on (c)

John Earnshaw
M0JFE
Ride The Waves And Make New Friends
Packet M0JFE@GB7FCR.#16.GBR.EU
EMAIL sweevo555@...
mobile 07940815659

From: willgord <willgord@yahoo.com>
To: FT897@yahoogroups.com
Sent: Wednesday, 14 January, 2009 4:30:40 PM
Subject: [FT897] Sorry, I know this is a dumb question, but...

New to HF and fairly new to the 897D. Have mostly used it on VHF-UHF
and only now am working my way through HF.

Operating USB on 20 meters, I get a shift between receive and transmit
frequencies. Obviously I need a shift when operating through in
VHF-UHF through a repeater, but obviously don't when operating simplex
on 20 meters--or any other HF frequency.

How do I disable the shift function so I transmit and receive HF on
the same frequency?

I am sure the answer is perfectly simple, but for the moment it has
baffled me.

Gordon
K2GLW

[Non-text portions of this message have been removed]

24636. Re: Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-15 11:02:18 UTC
From: nr3r15
Topic: 24620 Message: 24636

If u want a great antenna without fooling around with radials check out MFJ-1786 or 1788 Hi Q loop. This is my first antenna and it works the same if not better than my small beam and my two dipoles. yes it is not a vertical but almost as far as mounting it. I just have it tied to a tree branch. As far as mobile look at Hustler with the different resonators and a mag mount base. You can put three antennas on one adapter so you can get band switching without changing antennas . Or another good one is any of the Outbacker antennas.
Larry nr3r

24637. Re: Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-15 12:25:41 UTC
From: Mac Gray
Topic: 24620 Message: 24637

> Ari - OH2GSY

Good morning Ari. I use the Workman WHF75, 40 and 17 mounted with a rectangular piece of aluminum on my trailer hitch receiver. The bolt holding the trailer ball also holds the aluminum plate from the bottom side. I ran a short braid to a mounting bolt to provide a good ground as well as one from the rig to ground.
I also use the AT-897 tuner. A worthwhile addition is the WD4BUM Inducti-Match available from Lakeview Co. Inc.
The last point I would make, I use a piece of 20 lb fishing line wrapped around the antenna and looped over the ends of the plastic guard on the tailgate of my F-150 for support. This setup works great and cost under $250 for all that is described above.
73 and good luck.

Mac
W8LMG

24638. Re: Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-15 17:17:00 UTC
From: George
Topic: 24616 Message: 24638

Gordon,

No question is ever dumb...
The two suggestions here are the items to check (clarifier off, and split off), but wanted to expand on one thing since you said - "but obviously don't when operating simplex on 20 meters--or any other HF frequency." Many times HF stations when running a pileup operate on a different receive freq vs the transmit freq and that is the reason for those two options mentioned above (to be able to transmit on a different freq than receiving). Just wanted to pass on the little bit of background for you.

George Madline
kc0woa

> From: willgord <willgord@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, 14 January, 2009 4:30:40 PM
> Subject: [FT897] Sorry, I know this is a dumb question, but...
>
>
> New to HF and fairly new to the 897D. Have mostly used it on VHF-UHF
> and only now am working my way through HF.
>
> Operating USB on 20 meters, I get a shift between receive and
transmit
> frequencies. Obviously I need a shift when operating through in
> VHF-UHF through a repeater, but obviously don't when operating
simplex
> on 20 meters--or any other HF frequency.
>
> How do I disable the shift function so I transmit and receive HF on
> the same frequency?
>
> I am sure the answer is perfectly simple, but for the moment it has
> baffled me.
>
> Gordon
> K2GLW
>
>
>
> [Non-text portions of this message have been removed]
>

24639. Got my AT-897 tuner today . . .

Yahoo group: FT897 (2009)
Date: 2009-01-16 06:06:54 UTC
From: Larry D. Barr, K5WLF
Topic: 24639 Message: 24639

And, you know, it doesn't look near as bad on the radio as I thought it would. That may be because it's mine and on my radio <G>, or it may be because the pics on the LDG site aren't completely black and I was expecting something different. The unit is actually a dead flat black and matches the radio very well. The design ain't as pretty as the Yaesu FC-30, but it ain't bad at all. Or as my Irish friends say, "It ain't bad atall atall".

It's also faster than the LDG Z-100 it replaced. By about a factor of 2. Very quick tuning.

I'll give an updated report when I get a few QSOs on it.

73,
ldb
K5WLF

24640. CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-16 14:57:13 UTC
From: Jim Coon
Topic: 24639 Message: 24640

I am having trouble getting my computer to talk to my 897. I measured the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to the ground pin. The Rx D reads about 5 volts and the Tx D reads about 5 volts. are these voltages correct?

I have menu 20 set to CAT and Menu 19 set to 38400. I've tried 4800 and still no connection to the computer. Tried the C-62 cable and a tinycat box. Same result. Any ideas what to try next?

24641. Re: CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-16 15:22:41 UTC
From: Ken Bandy
Topic: 24639 Message: 24641

I'm not familiar with the tinycat box. What does it do?

Are you connected via a real RS232 port, or using a USB converter? If the latter, may need to check the converter out. Might also check to make sure the data speed of the radio port matches what ever your PC port is set at. Also check to make sure the PC port is set to 1 start bit, 8 data bits, no parity bit, and two stop bits, as per the manual.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, Jim Coon <liteways@...> wrote:
>
> I am having trouble getting my computer to talk to my 897. I measured
> the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to the
> ground pin. The Rx D reads about 5 volts and the Tx D reads about 5
> volts. are these voltages correct?
>
> I have menu 20 set to CAT and Menu 19 set to 38400. I've tried 4800
> and still no connection to the computer. Tried the C-62 cable and a
> tinycat box. Same result. Any ideas what to try next?
>

24642. re: [FT897] CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-16 15:41:35 UTC
From: Scot
Topic: 24639 Message: 24642

Hi Jim

I innitially had problems with my CAT control. Im using a USB / RS232 convertor and the issue I has was the com port assigned to the usb device wasnt compatable with in my case HRD and others, it cot assigned comm 14 or something like that.

The comm port number can be chaned in the driver on your pc.

I would imagine your radio is fine though.

Something else you could try is using hyperterm (if your using windows upto XP) and connect direct to the com port, you should i believe get some data coming back from your radio with S strenght etc I believe, (Im assuming this though as control softwares can recieve this data from the radio)

hope this helps

[Non-text portions of this message have been removed]

24643. Re: CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-16 16:21:46 UTC
From: Bill Barron
Topic: 24639 Message: 24643

I assume you are trying to connect Ham Radio Deluxe software.

Check:

1) Cat plug securely seated in 897.
This is most often the problem.
Be sure to use 897 CAT port .. not DATA port.

2) Proper driver installed from CAT to USB adapter;
if you are using one. See drivers at
http://www.manhattan-support.com/en-
US/support/downloads/product/708-usb-to-serial-converter

Some USB/Serial cables don't work.
Manhattan and Radio shack do work.

3) PC baud at 9600 and 897 menu # 19 at 9600.
Don't go faster [creates 897 noise]
If really old PC, try 4800 on both PC and 897.

4) Don't rename PC serial ports
Make sure RTS box only checked on HRD software

5) 897 Menus:
a) #20 to CAT
b) #85 to OFF
NOTE: 897 must be on BEFORE you start HRD software!

Good luck!

Bill W1WAB

--- In FT897@yahoogroups.com, Jim Coon <liteways@...> wrote:
>
> I am having trouble getting my computer to talk to my 897. I
measured
> the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to
the
> ground pin. The Rx D reads about 5 volts and the Tx D reads about
5
> volts. are these voltages correct?
>
> I have menu 20 set to CAT and Menu 19 set to 38400. I've tried
4800
> and still no connection to the computer. Tried the C-62 cable and a
> tinycat box. Same result. Any ideas what to try next?
>

24644. Re: Sorry, I know this is a dumb question, but...

Yahoo group: FT897 (2009)
Date: 2009-01-16 16:22:07 UTC
From: Gavin Nesbitt
Topic: 24616 Message: 24644

Hi Gordon,

George KC0WOA has pointed out the 2 correct settings here. Just to elaborate, split is SPL found under menu `a' (one press of the `F' key) and rotate the 'MEM/VFO CH' knob till you get to menu 'a', it will have brackets round it if activated. The clarifier, if activated, will show an icon to the right of the frequency which can be a dash, an up arrow or down arrow.

Hope this helps.

Gavin Nesbitt, M1BXF.
http://geekhouse.weebly.com

CRG Technical Coordinator
www.cambridgerepeaters.net
www.camb-hams.com

--- In FT897@yahoogroups.com, "George" <gmadline@...> wrote:
>
> Gordon,
>
> No question is ever dumb...
> The two suggestions here are the items to check (clarifier off, and
> split off), but wanted to expand on one thing since you said - "but
> obviously don't when operating simplex on 20 meters--or any other
HF
> frequency." Many times HF stations when running a pileup operate
on
> a different receive freq vs the transmit freq and that is the
reason
> for those two options mentioned above (to be able to transmit on a
> different freq than receiving). Just wanted to pass on the little
> bit of background for you.
>
> George Madline
> kc0woa
>
> _____
> > From: willgord <willgord@>
> > To: FT897@yahoogroups.com
> > Sent: Wednesday, 14 January, 2009 4:30:40 PM
> > Subject: [FT897] Sorry, I know this is a dumb question, but...
> >
> >
> > New to HF and fairly new to the 897D. Have mostly used it on VHF-

UHF
> > and only now am working my way through HF.
> >
> > Operating USB on 20 meters, I get a shift between receive and
> transmit
> > frequencies. Obviously I need a shift when operating through in
> > VHF-UHF through a repeater, but obviously don't when operating
> simplex
> > on 20 meters--or any other HF frequency.
> >
> > How do I disable the shift function so I transmit and receive HF
on
> > the same frequency?
> >
> > I am sure the answer is perfectly simple, but for the moment it
has
> > baffled me.
> >
> > Gordon
> > K2GLW
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

24645. RE: [FT897] Suggestions for a HF (mobile) vertical

Yahoo group: FT897 (2009)
Date: 2009-01-14 23:12:01 UTC
From: Bill Nichols
Topic: 24620 Message: 24645

I have two Hustler 6-BTVs, one here at the house and one when I go camping, I put it up at the camp site.
Am very pleased with the Hustler.

As far as mobile, I use a Screwdriver.

I have a Diamond HV7A, Works on 10m, 6m, 2m, 70cm, and I have the coils for 40, 20, 17, and 15, that I will let go
pretty cheap.

Send me an E-mail if intrested.

Check it out at HRO.

73,

Bill

N8ZEE

To: FT897@yahoogroups.comFrom: tisle3000@...ate: Tue, 13 Jan 2009 12:33:58 +0000Subject: [FT897] Suggestions for a HF (mobile) vertical

Hi all! I am a new and happy owner of an FT-897D. Now, what would yourecommend for an HF vertical that would withstand heavy winds andwould not need to be guyed? I can only install a vertical antenna onthe roof of my my base station, and the antenna cannot even be guyed,which probably rules out the longest verticals on the market. Furthermore, I would be happy if you could give some suggestions for agood HF vertical for mobile/portable use. I do not necessarily need tremendous multiband capability (20 m and 17 m being my favouritebands), but I definitely would like the vertical to be as efficient aspossible, since I will be operating mostly on the FT-897D's internalbattery power, which limits the output power to 20 watts. Any suggestions?73,Ari - OH2GSY

Windows Live?: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_allup_explore_012009

[Non-text portions of this message have been removed]

24646. Re: [FT897] CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-16 17:18:53 UTC
From: Shane J. Wolfe
Topic: 24639 Message: 24646

Jim,

Make sure your radio is in "VFO" mode and not memory mode.

-Shane
KV3SPA

On Friday, January 16, 2009, at 09:57AM, "Jim Coon" <liteways@...> wrote:
>I am having trouble getting my computer to talk to my 897. I measured
>the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to the
>ground pin. The Rx D reads about 5 volts and the Tx D reads about 5
>volts. are these voltages correct?
>
>I have menu 20 set to CAT and Menu 19 set to 38400. I've tried 4800
>and still no connection to the computer. Tried the C-62 cable and a
>tinycat box. Same result. Any ideas what to try next?
>

24647. SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-16 10:46:13 UTC
From: charlesmintoff
Topic: 24647 Message: 24647

I have just purchased a Collins mechanical Filter YF-122s I read the read up in the Yaesu FT-897D Manual about installing but does not make it clear which slot to install it in I have installed in Slot 2 please advise if I have done it correct.
Regards
Charlie 9H4CM

24648. Re: SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-16 20:53:37 UTC
From: w9goc
Topic: 24647 Message: 24648

--- In FT897@yahoogroups.com, "charlesmintoff" <charlesmintoff@...>
wrote:
>
> I have just purchased a Collins mechanical Filter YF-122s I read
the
> read up in the Yaesu FT-897D Manual about installing but does not
make
> it clear which slot to install it in I have installed in Slot 2
please
> advise if I have done it correct.
> Regards
> Charlie 9H4CM
>
Charlie,
The YF-122S can be installed in either slot 1 or slot 2; when it is installed in slot 2, you use button 'C' when the menu is displaying multi function row "n" choices. [see page 64 of the manual.]
The YF-122S has a resistor fitted to sense terminals on the filter carrier board so the radio circuitry can identify this as the SSB filter; the CW filter uses a different value of resistor to identify itself to the radio.

Good luck,
Frederick
W9GOC

24649. Re: [FT897] SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-16 21:04:58 UTC
From: Paul Graham
Topic: 24647 Message: 24649

Hello Charlie,

Could you give some sort of report on how well they work please? I was thinking of fitting one, but have other things that may/may not take priority :)

Thanks,

Paul.
2E0RAK

From: charlesmintoff <charlesmintoff@...>
To: FT897@yahoogroups.com
Sent: Friday, 16 January, 2009 10:46:13
Subject: [FT897] SSB FILTER UNIT YF-122S

I have just purchased a Collins mechanical Filter YF-122s I read the
read up in the Yaesu FT-897D Manual about installing but does not make
it clear which slot to install it in I have installed in Slot 2 please
advise if I have done it correct..
Regards
Charlie 9H4CM

[Non-text portions of this message have been removed]

24650. Re: [FT897] SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-16 23:14:59 UTC
From: Jim Coon
Topic: 24647 Message: 24650

I thought the D version had the filters installed already.

charlesmintoff wrote:
>
> I have just purchased a Collins mechanical Filter YF-122s I read the
> read up in the Yaesu FT-897D Manual about installing but does not make
> it clear which slot to install it in I have installed in Slot 2 please
> advise if I have done it correct.
> Regards
> Charlie 9H4CM
>
>

24651. Re: [FT897] SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-16 23:45:18 UTC
From: Carl Wulfestieg
Topic: 24647 Message: 24651

They have the TXCO - but no filters - sorry!!
88 Carl WZ4CW SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

24652. Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 00:38:45 UTC
From: willgord
Topic: 24652 Message: 24652

Hi:

In the early stages of setting up my first HF outfit--897D linked to a Super Antenna. I have no trouble hearing stations on 10 and 20 meters. Heard Italy loud and clear on 20 meters. Problem is that no one is hearing me.

One suggestion is to drop the counterpoise that comes with the Super Antenna and drop a quarter-wave radial out my window. The antenna is just inside my apartment window, mounted on a tripod.

I am getting high SWR readings when I transmit and I am getting two somewhat opposing sets of advice. One group says to get a tuner. No surprise there since I always assumed I would probably need one. I intend to get the LDG tuner that mates with the 897

But other people I have talked to tell me what I really want is an antenna analyzer rather than a tuner. Not sure I understand the difference.

Would anyone like to give me their best advice on tuner vs. analyzer to bring down a high SWR reading.

Thanks

Gordon
K2GLW

24653. RE: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 00:47:37 UTC
From: Brad Gibson
Topic: 24652 Message: 24653

Gordon,

Analyzer will tell you SWR, impedence, capacitance, and some other info.
A tuner will (hopefully) tune the antenna to lower SWR and allow you to
xmit out. Both are good.

Brad
W9LSR, Seattle

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
willgord
Sent: Friday, January 16, 2009 4:39 PM
To: FT897@yahoogroups.com
Subject: [FT897] Antenna tuner vs. antenna analyzer

Hi:

In the early stages of setting up my first HF outfit--897D linked to a
Super Antenna. I have no trouble hearing stations on 10 and 20 meters.
Heard Italy loud and clear on 20 meters. Problem is that no one is
hearing me.

One suggestion is to drop the counterpoise that comes with the Super
Antenna and drop a quarter-wave radial out my window. The antenna is
just inside my apartment window, mounted on a tripod.

I am getting high SWR readings when I transmit and I am getting two
somewhat opposing sets of advice. One group says to get a tuner. No
surprise there since I always assumed I would probably need one. I
intend to get the LDG tuner that mates with the 897

But other people I have talked to tell me what I really want is an
antenna analyzer rather than a tuner. Not sure I understand the
difference.

Would anyone like to give me their best advice on tuner vs. analyzer
to bring down a high SWR reading.

Thanks

Gordon
K2GLW

[Non-text portions of this message have been removed]

24654. Re: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 01:26:30 UTC
From: W2BDP
Topic: 24652 Message: 24654

On Sat, 17 Jan 2009 00:38:45 -0000, you wrote:

>Hi:
>
>In the early stages of setting up my first HF outfit--897D linked to a
>Super Antenna. I have no trouble hearing stations on 10 and 20 meters.
>Heard Italy loud and clear on 20 meters. Problem is that no one is
>hearing me.
>
>One suggestion is to drop the counterpoise that comes with the Super
>Antenna and drop a quarter-wave radial out my window. The antenna is
>just inside my apartment window, mounted on a tripod.
>
>I am getting high SWR readings when I transmit and I am getting two
>somewhat opposing sets of advice. One group says to get a tuner. No
>surprise there since I always assumed I would probably need one. I
>intend to get the LDG tuner that mates with the 897
>
>But other people I have talked to tell me what I really want is an
>antenna analyzer rather than a tuner. Not sure I understand the
>difference.
>
>Would anyone like to give me their best advice on tuner vs. analyzer
>to bring down a high SWR reading.
>
>Thanks
>
>Gordon
>K2GLW
>
If it is one counterpoise, it must be the correct length for the band you
want to operate. You could try multiple radials "counterpoise" cut for
each band. You could try just laying them on the floor and out the
window. The more the better in any direction you can. Don't know if flat
4 or 6 wire cable is sold, but could cut each wire for a certain band. A
little bit nicer looking.
An antenna analyzer is nice to have, which I do, but it won't be much
help with a short vertical.
My apartment antenna is a square 5 foot loop inside a double window and a
SGC tuner. Tunes great. About 80 feet of zip cord is used in the loop.

My only problem is that after having a great DX station and now in an
apartment, I have lost interest and if I live long enough for the next
cycle I may get some interest back. After all, working 10mtr dx with a
wet noodle can be really fun.

>------------------------------------
>
>Yahoo! Groups Links
>
>
>

Ken...W2BDP

24655. Re: [FT897] Re: CAT question

Yahoo group: FT897 (2009)
Date: 2009-01-17 01:52:53 UTC
From: Jim Coon
Topic: 24639 Message: 24655

Using a converter. I put an rs-232 test box between the USB adaptor and the CT-62 cable. WHen I turn on the radio, the Rx D light comes on.

Ken Bandy wrote:
>
> I'm not familiar with the tinycat box. What does it do?
>
> Are you connected via a real RS232 port, or using a USB converter? If
> the latter, may need to check the converter out. Might also check to
> make sure the data speed of the radio port matches what ever your PC
> port is set at. Also check to make sure the PC port is set to 1
> start bit, 8 data bits, no parity bit, and two stop bits, as per the
> manual.
>
> 73,
> Ken
> KJ9B
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> Coon <liteways@...> wrote:
> >
> > I am having trouble getting my computer to talk to my 897. I
> measured
> > the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to
> the
> > ground pin. The Rx D reads about 5 volts and the Tx D reads about 5
> > volts. are these voltages correct?
> >
> > I have menu 20 set to CAT and Menu 19 set to 38400. I've tried 4800
> > and still no connection to the computer. Tried the C-62 cable and a
> > tinycat box. Same result. Any ideas what to try next?
> >
>
>

24656. RE: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 03:29:53 UTC
From: Eric van de Weyer
Topic: 24652 Message: 24656

Hi Gordon,

The tuner and analyzer are two totally different things. The Tuner goes between the radio and the antenna feedline to help to overcome any mismatch between the antenna system and the output of the radio. It does not tune the antenna but rather provides an interface between antenna and radio so the radio sees the correct impedance at its antenna socket.

The analyzer, on the other hand, is a test instrument with which you can check the antenna and get a quantitative measurement of the antenna's characteristics at a particular frequency. It usually has a tunable RF source which is tuned to the desired frequency and then the characteristic impedance and SWR can be read off. Alternatively, you can tune it until it shows resonance and read off the resonant frequency of your antenna system.

As far as your antenna system goes, some sort of earth or counterpoise is essential for it to work, especially if you are using a small antenna inside a apartment. You need at least one for each band being used and they can simply be a piece of wire about 5% longer than a quarter wavelength for the band(s) in question. You could drop it out the window or even just run it around the edge of the room you are in, or down the hallway etc. They don't have to be in one straight line. If you can put in multiple wires for each band, then all the better.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Saturday, 17 January 2009 11:39
To: FT897@yahoogroups.com
Subject: [FT897] Antenna tuner vs. antenna analyzer

Hi:

In the early stages of setting up my first HF outfit--897D linked to a Super Antenna. I have no trouble hearing stations on 10 and 20 meters. Heard Italy loud and clear on 20 meters. Problem is that no one is hearing me.

One suggestion is to drop the counterpoise that comes with the Super Antenna and drop a quarter-wave radial out my window. The antenna is just inside my apartment window, mounted on a tripod.

I am getting high SWR readings when I transmit and I am getting two somewhat opposing sets of advice. One group says to get a tuner. No surprise there since I always assumed I would probably need one. I

intend to get the LDG tuner that mates with the 897

But other people I have talked to tell me what I really want is an antenna analyzer rather than a tuner. Not sure I understand the difference.

Would anyone like to give me their best advice on tuner vs. analyzer to bring down a high SWR reading.

Thanks

Gordon
K2GLW

Yahoo! Groups Links

24657. Re: [FT897] SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-17 07:26:39 UTC
From: Charles Mintoff
Topic: 24647 Message: 24657

Thank you for your replys could you be so kind and explain in more
detail howto set the filter up
Regards
Charlie 9H4CM

On Sat, Jan 17, 2009 at 12:45 AM, Carl Wulfestieg <ag4ls@...> wrote:
> They have the TXCO - but no filters - sorry!!
> 88 Carl WZ4CW SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

24658. Re: SSB FILTER UNIT YF-122S

Yahoo group: FT897 (2009)
Date: 2009-01-17 07:51:44 UTC
From: Mark Levenite
Topic: 24647 Message: 24658

Charlie,

Remove the top cover of the radio. With the front of the radio facing you look in the left rear corner of the unit & you should find 2 slots: one labeled FIL1, the other FIL2. Note that the filter has one end with a 3 pin socket & the other side with a 4 pin one. With the filter "writing side up" (printed circuit board down) orient the filter such that the 3 pins on the radio board align with the 3-pin socket on the filter board (and, the 4 pins on radio board align with 4-pin socket on filter board). Select either FIL1 or FIL2 and press filter board down onto radio board; ensure pins on radio board seat firmly into filter board sockets. Reinstall top cover (make sure speaker and battery switch are reconnected to radio board). Turn on radio, press "F" key momentarily to activate multifunction menu and select menu N (MFn). Depending on whether you placed your filter in FIL1 or FIL2 position the "B" or "C" button should have a display that looks like this: [2.3]. This tells you that the filter is installed properly and is set up for use.

Regards,

Mark (NM7L)

24659. RE: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 01:03:51 UTC
From: Rob Salsgiver
Topic: 24652 Message: 24659

The analyzer will give you a picture of your antenna's performance at various frequencies. This will allow you to tune / modify your antenna for better performance. The benefit of this depends on the antenna being used - some antennas are designed for easier "tuning" by allowing minor adjustments that affect performance on a single band, or on multiple bands with a specific relationship between them (i.e. - changing one element may affect 10 meters and 20 meters). Sometimes the design of an antenna makes it difficult to change performance on one band without upsetting the applecart on one or more other bands.

An antenna tuner, on the other hand, is a device that, either manually or automatically, allows you to "tune" the antenna to your radio for the best SWR match available for that design. It basically inserts a change in electrical characteristics between your radio and the antenna, effectively "tuning" it for you.

Cheers,
Rob

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Friday, January 16, 2009 4:39 PM
To: FT897@yahoogroups.com
Subject: [FT897] Antenna tuner vs. antenna analyzer

Hi:

In the early stages of setting up my first HF outfit--897D linked to a Super Antenna. I have no trouble hearing stations on 10 and 20 meters. Heard Italy loud and clear on 20 meters. Problem is that no one is hearing me.

One suggestion is to drop the counterpoise that comes with the Super Antenna and drop a quarter-wave radial out my window. The antenna is just inside my apartment window, mounted on a tripod.

I am getting high SWR readings when I transmit and I am getting two somewhat opposing sets of advice. One group says to get a tuner. No surprise there since I always assumed I would probably need one. I intend to get the LDG tuner that mates with the 897

But other people I have talked to tell me what I really want is an antenna analyzer rather than a tuner. Not sure I understand the difference.

Would anyone like to give me their best advice on tuner vs. analyzer
to bring down a high SWR reading.

Thanks

Gordon
K2GLW

_____ Information from ESET NOD32 Antivirus, version of virus signature
database 3772 (20090116) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

24660. DSP or Manual Filters

Yahoo group: FT897 (2009)
Date: 2009-01-17 09:00:19 UTC
From: richie_judson
Topic: 24660 Message: 24660

Dear All
Until now I have survived using only the DSP filtering on the 897D.
Would a dedicated physical filter, for either SSB or CW, make a great difference?
If so, why and which are the best?
Richie J
G0RHJ

24661. Re: [FT897] DSP or Manual Filters

Yahoo group: FT897 (2009)
Date: 2009-01-17 14:45:47 UTC
From: Jim Coon
Topic: 24660 Message: 24661

If you push the DSP button, you can change the menu to the xtal filter menu by turning the mem/vfoch knob. bring put the filter in and try it. you can run both Xtal and DSP filters at the same time. using the above method it is easy to switch back and forth between the two.

richie_judson wrote:
>
> Dear All
> Until now I have survived using only the DSP filtering on the 897D.
> Would a dedicated physical filter, for either SSB or CW, make a great
> difference?
> If so, why and which are the best?
> Richie J
> G0RHJ
>
>

24662. Re: DSP or Manual Filters

Yahoo group: FT897 (2009)
Date: 2009-01-17 16:46:18 UTC
From: Steve Yates
Topic: 24660 Message: 24662

Hi Richie,

The main difference is that the DSP filter works outside the AGC loop. This means that signals outside the bandpass of the DSP filter but within the bandpass of the factory filter will still pump the AGC. This can be overcome by backing the RF Gain back to the level of the offending signal and compensating for the loss with the AF Gain. I did this very successfully during contests when I didn't have any additional filters.

I presently have the W4RT 300 Hz mechanical filter and it works great. If you are into contesting, DXing, or anything else where you are tuning amongst many strong signals then an additional mechanical filter will make a useful difference, especially on CW. If not you can probably get by with judicious use of the RF Gain, IPO, and ATT controls.

Keep in mind that I am one who often works DX with very minimalist homebrew receivers, not with FT-Megabux radios so I tend not to be as picky as most hams these days :-)

73,
Steve - AA5TB
Fort Worth

--- In FT897@yahoogroups.com, "richie_judson" <richie_judson@...>
wrote:
>
> Dear All
> Until now I have survived using only the DSP filtering on the 897D.
> Would a dedicated physical filter, for either SSB or CW, make a
great
> difference?
> If so, why and which are the best?
> Richie J
> G0RHJ
>

24663. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-01-17 17:18:46 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 24663

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /CAT & Sound Card Interfaces/CAT & Sound Card Interfaces/N5ZTW design
TiniCAT/TC-SC-YP parts list R1.pdf
Uploaded by : n5ztw <n5ztw@...>
Description : TiniCAT Interface parts list with supplier names

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/CAT%20%26%20Sound%20Card%20Interfaces/CAT%20%26%
20Sound%20Card%20Interfaces/N5ZTW%20design%20TiniCAT/TC-SC-YP%20parts%20list%20R1.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

n5ztw <n5ztw@...>

24664. Re: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 18:23:57 UTC
From: km3dr@verizon.net
Topic: 24652 Message: 24664

Gordon, before you purchase additional equipment, IMO you should make sure you understand the basic principles of the antenna. Counterpoise is very important along with other basic things. I çan tune my MP1 any where from 40 to 10 and down to 80 with thee extra coil. And this is without a tuner or other equipment. Take the antenna outside away from things that can interfere and you my see different results, but by all means, learn the antenna first.
De Lee / KM3DR
Sent from my BlackBerry® smartphone with Nextel Direct Connect

24665. Re: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 19:38:50 UTC
From: kc3vo@aol.com
Topic: 24652 Message: 24665

Yes, as stated by KM3DR, you should NOT need any other equipment, as the antenna alone, when properly installed, will tune 40 thru 6 meters without extra equipment. Be aware, however, the proper tuning is a little tricky with the MP-1 antenna, because tuning will CHANGE when you move away, usually to a somewhat HIGHER frequency. (EXAMPLE:You may tune to 7.255 mhz., and find that after you take your hands off, and move away, that best performance is at 7.280 mhz.) the solution is to deliberately tune it a little LOW in frequency-Practice will reveal how much.--More coil turns exposed/taller antenna=lower frequency) and use some RADIALS, at least 32 feet long, for best 40 meter operation.-73, KC3VO, Bob Curry
**********Inauguration '09: Get complete coverage from the nation's capital.(http://www.aol.com?ncid=emlcntaolcom00000027)

[Non-text portions of this message have been removed]

24666. Re: Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 20:04:23 UTC
From: willgord
Topic: 24652 Message: 24666

Thanks for the info.

What type/gauge wire should I use for the counterpoise, how do I attach it to the antenna and can it be run inside the apartment or is it best dropped outside the window.

Gordon
K2GLW

--- In FT897@yahoogroups.com, km3dr@... wrote:
>
> Gordon, before you purchase additional equipment, IMO you should make sure you understand the basic principles of the antenna. Counterpoise is very important along with other basic things. I çan tune my MP1 any where from 40 to 10 and down to 80 with thee extra coil. And this is without a tuner or other equipment. Take the antenna outside away from things that can interfere and you my see different results, but by all means, learn the antenna first.
> De Lee / KM3DR
> Sent from my BlackBerry® smartphone with Nextel Direct Connect
>

24667. Super Antenna MP 1

Yahoo group: FT897 (2009)
Date: 2009-01-18 05:08:06 UTC
From: LEE
Topic: 24667 Message: 24667

Gordon, I've purchased rolls of small gauge speaker wire from radio shack or the dollar store, cut them into various lengths for the different bands. Used solder less lugs and have soldered as well. Sometimes I've even grounded the antenna in hotels to screw lugs on outlet plates. I've also had success with the supplied counterpoise wires. Looking at Vern's instructions, you should be able to set the SWR without a tuner for the band you want to operate on without a problem. I had a fellow ham that was unable to tune his antenna, when we looked at the mount the washer had shorted the center conductor to ground. Once repaired, the antenna tuned fine. IMO small gauge wire has worked fine for me. The one thing I always stress is to learn the basic principles of the antenna first of all. Today, mine is nothing like the original. I have short black buddipole arms below the coil, longer whips on top, and many other configurations I like to experiment with. I've even used AT / 271 style whips and cap hats on the low bands. I'm sending you a few pic's of my basic 10 to 40 configuration without the 75/80 coil. Correspond with me off list, since this may go back and forth for a while. IMO experimenting with the antenna is a must. An analyzer is a very good tool but understanding the basic principles is a must for any antenna. A tuner is good as well, but it's no good if it's a bad load. You will receive many opinions on this topic for sure.

Have fun and 73's

Lee / KM3DR

Km3dr@...

[Non-text portions of this message have been removed]

24668. To Jim (K5QL), Mike (KM6AB), John (AJ5TT), Peter (N3NCD)

Yahoo group: FT897 (2009)
Date: 2009-01-18 11:16:55 UTC
From: Zoran
Topic: 8239 Message: 24668

Hello Jim (K5QL), Mike (KM6AB), John (AJ5TT), Peter (N3NCD)

Few years ago, I posted several different questions related to FT 897 on Yahoo Groups (August 21, 2004). Here's the link with your answers (Peter's N3NCD is not included in this link, because it was sent sepaarately - I included it in the lower portion of this message) (http://groups.yahoo.com/group/FT897/message/8244

I have to tell you that recently I typed my call sign in Google and was surprised to see those pages were still there. I noticed that on some of the questions I got the answers....and after a while replied, thanking all for help,... but somehow I cannot find my reply to your answers. You answered this question and gave me the info, but I don't remember if I replied privately to you and thanked you, or did not reply at all.

Maybe I did not see your answers, or somehow I replied to you some other way, so it does not show up on public pages. I remember that at that time I had such a setup that messages would come directly to my personal mail, and I was able to reply from my own personal e-mail account.

I would like to appologize if I failed to thank you for your time in answering my question, and providing the information I was looking for.

Whatever happened at that time, I am saying THANK YOU now, just in case, and wish you HAPPY NEW YEAR to you and your families.
Sincerely,
Zoran, VE3ESP

---------- Re: [FT897]
Re: FP-1023
Current SS30M prices at the three of the major dealers:

AES - 139.99
HRO - 159.95
Texas Towers - 139.00

The SS25M is typically $10 less than the SS30M. The SS25 and SS30 (models without meters) are typically $20 less than the ones with meters.

73, Jim K5QL

prcradio wrote:
>
> I happen to think the Astron switchers are the best, but that's what
> makes this an interesting group...
> QST did a review of switching power supplies and found the Astron's
to
> be the quietest also. I have the SS-30M, which I probed with a
> spectrum analyzer and found no RF leakage at all. The street price
is
> around $120 on the SS-30M and there are smaller models with and
> without meters. A 25A model without meters should save some $$ and
> still give more than adequate power for your 897.
> Mike KM6AB
>
> --- In FT897@yahoogroups.com, "John Taylor AJ5TT" <aj5tt@s...>
wrote:
> > All,
> >
> > I would have to agree with Peter.
> > The Alinco DM-330MV has been a great power supply.
> >
> > To add the 330 has a cigar lighter plug in the front to power
> miscellaneous
> > items plus it has two push wire contacts (on the front) to power
small
> > items. Pretty handy light weight power supply. I like the unit so
much
> > that I have three of the units. Had a problem with one where the
> rear fan
> > failed but replaced myself with little skill.
> >
> > Regards,
> > John - AJ5TT RE: [FT897] FP-1023
Gentlemen,
I personally think that the ALINCODM-330MV Power Supply is the best
value for the money. It is one of the few which has the following
features:
- small and light weight
- switchable between 125 and 220 V AC (for all international travels)
- instrument for voltage and current
- 25Amps
- fix preset voltage as well as variable output
- switchable oscillator frequency even I have never ever recognized
any
harmonics
- price of $149.50 at HRO

Regards

Peter Fuchs N3NCD

> >
> > -----Original Message-----
> > From: selmic [mailto:selmic@y...]
> >
> > Hello everybody!
> > I would like to know what do you think of Yaesu's power supply FP-
> > 1023? There are some other switching power supplies of similar
size
> > on the market (Astron, Kenwood...). How does FP-1023 rank in that
> > group? Is it a good choice to replace a heavy Astron (linear).
> >
> > Regards,
> > Zoran, ve3esp

24669. FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-17 16:54:44 UTC
From: Joe
Topic: 24669 Message: 24669

Anyone know by chance where Yaesu is in regards to the latest serial numbers on the ft-897-D ??? I would sure appreciate some various imput on this. Thank you. :) JOE WU1Z

[Non-text portions of this message have been removed]

24670. Re: [FT897] FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-18 20:54:46 UTC
From: Larry D. Barr, K5WLF
Topic: 24669 Message: 24670

I bought 8J020335 in early October 2008

73,
ldb
K5WLF

Joe wrote:
> Anyone know by chance where Yaesu is in regards to the latest serial numbers on the ft-897-D ??? I would sure appreciate some various imput on this. Thank you. :) JOE WU1Z
>
> [Non-text portions of this message have been removed]
>

24671. 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-18 23:33:22 UTC
From: Jim Coon
Topic: 24669 Message: 24671

For some reason I seem to have two 80 meter bands on my 897 and they act rather peculiar. For example, I'll call the 160 meters band A, the first 80 meter band, band B, the next 80 meter band, band C and the 60 meter band, band D

when I switch from the 160 meter band (A), to the first 80 band (B), it reads 3.475 MHz, the next band up (C) reads 3.515. followed by the 60 meter band (D) at 5.305 Mhz. This is all on VFOa. When I go back the the 3.475 band, and change it to anything else like 3.600, it seems to swap places with the next band so the next higher band is 60 meters. However, when I switch back I expect to see 3.600 then 3.515. However, instead I see band A = 160 meters, band B = 3.475 (even though I changed that frewquency), then band C 3.600 and Band D 60 meters.

ANy idea what is hapening and how to fix it? why does a band always jump back to 3.457 MHz?

24672. Re: [FT897] 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-18 23:48:58 UTC
From: Carl Wulfestieg
Topic: 24669 Message: 24672

Because that's where it was the last time you left that band- Change the frequency to something else and that's what you'll see the next time- 73 Carl, WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

24673. Re: [FT897] 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-19 03:06:06 UTC
From: Jim Coon
Topic: 24669 Message: 24673

I expected the frequency to be left where I changed it to. However, I change the 3.475 MHz to 3.550 or 3.600 and when I change to a different band and come back it is back to 3.475. What is it about that frequency that it keep coming back to it even if I change it?

Carl Wulfestieg wrote:
>
> Because that's where it was the last time you left that band- Change
> the frequency to something else and that's what you'll see the next
> time- 73 Carl, WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>

24674. Re: [FT897] 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-19 03:39:13 UTC
From: Carl Wulfestieg
Topic: 24669 Message: 24674

Well, I didn't understand what you were saying- Now I do-
I tried it on my FT-897- No matter what I change, on any band, when I come back, that's where it is - not on some previous setting -
The only other thing I can think of is that the FT-897 seems to have two VFO's, A and B. Unfortunately, reading the manual or not, that's all I know about it- Maybe you're changing one VFO but when you come back the other VFO is holding the "old" frequency? You'll have to ask someone else- I may be wrong- I'm just guessing- But
Try this: Press [F] key momentarily
Rotate MEM/VFO/CH knob until Multi Function Row "a" [A/B, A=B, SPL] appears on display
Now press the [B](A=B) key

Maybe that will help- If not, I give up- LOL LOL
73 Carl WZ4CW

[Non-text portions of this message have been removed]

24675. Re: 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-19 04:45:09 UTC
From: Mark Levenite
Topic: 24669 Message: 24675

Jim,

What you are seeing is the "floating" general coverage receiver band. From a full reset you should have the following bands on your 897 (in MHz):

1.8, 3.5, 5, 7, 10, 14, 15, 18, 21, 24.5, 28, 50, 88, 108, 144, & 430.

The 5, 88, & 108 MHz band stops, although not amateur bands are fixed bands just like the amateur bands. The 15MHz band is your "general coverage" band. Whatever frequency you dial into on the VFO if it doesn't meet the specifications for placement into one of the other above-listed bands it will remember that frequency in the "floater" band. This band will then show up between the fixed stops (as listed above)

Examples:

1) Change "3.475" to "4.475" - "4.475" will now be found between 80m and 5MHz bands.

2) Change "3.475" to "8.475" - "8.475" will now be found between 40m and 30m bands.

3) Change "4.475" to "11.475" - "11.475" will now be found between 30m and 20m bands.

In each case the previous setting will be "erased"...while in actuality the band has "floated".

Hope that helps.

Regards, Mark (NM7L)

24676. RE: [FT897] CAT Cable Schematics

Yahoo group: FT897 (2009)
Date: 2009-01-19 05:15:38 UTC
From: Selva Kumar R
Topic: 24621 Message: 24676

Thanks Jim Coon & Eric,

A friend of mine (VU2LU, OM Ramesh) homebrewed the cable based on the schematics for the cable, with a Max232 interface converter....I'm now using HRD to control the RIG and functions, and love the functionality.

All my cribs about lack of buttons on the front panel on the 897 is now history !! :)

Best 73
de Selva
VU#RWB, India.

This e-mail has been scanned for viruses by the Cable & Wireless e-mail security system - powered by MessageLabs. For more information on a proactive managed e-mail security service, visit http://www.cw.com/uk/emailprotection/

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24677. Re: [FT897] Re: 897 bands question

Yahoo group: FT897 (2009)
Date: 2009-01-19 05:26:22 UTC
From: Jim Coon
Topic: 24669 Message: 24677

ok thanks. that answers it

Mark Levenite wrote:
>
> Jim,
>
> What you are seeing is the "floating" general coverage receiver
> band. From a full reset you should have the following bands on your
> 897 (in MHz):
>
> 1.8, 3.5, 5, 7, 10, 14, 15, 18, 21, 24.5, 28, 50, 88, 108, 144, & 430.
>
> The 5, 88, & 108 MHz band stops, although not amateur bands are fixed
> bands just like the amateur bands. The 15MHz band is your "general
> coverage" band. Whatever frequency you dial into on the VFO if it
> doesn't meet the specifications for placement into one of the other
> above-listed bands it will remember that frequency in the "floater"
> band. This band will then show up between the fixed stops (as listed
> above)
>
> Examples:
>
> 1) Change "3.475" to "4.475" - "4.475" will now be found between 80m
> and 5MHz bands.
>
> 2) Change "3.475" to "8.475" - "8.475" will now be found between 40m
> and 30m bands.
>
> 3) Change "4.475" to "11.475" - "11.475" will now be found between
> 30m and 20m bands.
>
> In each case the previous setting will be "erased"...while in
> actuality the band has "floated".
>
> Hope that helps.
>
> Regards, Mark (NM7L)
>
>

24678. Fw: [FT897] Extend transmitting range ??? jANUARY 1, 2009

Yahoo group: FT897 (2009)
Date: 2009-01-19 12:20:58 UTC
From: P Grant
Topic: 24678 Message: 24678

Repeat Message'
sent January 04. 09
----- Original Message -----
From: P Grant
To: FT897@yahoogroups.com
Sent: Sunday, January 04, 2009 9:48 PM
Subject: Re: [FT897] Extend transmitting range ???

Hi Josef,
I may presume wrongly, but I think the EU version (FT897D) should be
similar in band to the UK Model !
As I said in my last post to Dave, I opened up my rig for full RX/TX.
The strangest thing, I just found while checking out Top Band on mine ,,,,, to check your info...
Top Bans starts at 1800 Kc and has tx/rx facility on that Tuner knob right up to 7000 Kc. ... and above.
The strange thing is this is now on the 40M band, and when I click back on the band change from this position, instead of having the 70 cms. band displayed it reads 1.8 MHz (1800Kc) ,
If I click back another band change, I am mow truly on the 70 cms. band.
Yes the band does start at 1800, as below that you have receive only and to key the mike (AM) there is no RF out, and the " TX ERROR " displays..
I opened up my rig to have TX on 5 Megs, as I just have this licence before Christmas....
I now find I have an extra " band slot " as I have 160M, 80M, 5 Megs continuous, 40M, 20M, ect....
I asked here a couple of times in caution before the "band opening", and was assured all rigs were the same for the MOD, it certainly works, but it sure is strange.....
I hope this helps
Best 73 de Peter ________ EI4HX _._ _._
ei4hxperimental@...
~~~~ o
----- Original Message -----
From: master19482000
To: FT897@yahoogroups.com
Sent: Sunday, January 04, 2009 8:45 PM
Subject: [FT897] Extend transmitting range

Actual my FT-897 has a limited range for transmitting on 160m. It's
from 1815 to 1899.9 kc. How I can open the band for 1800-1999.9 kc?

Thanks in advance for any information.

73, Josef HB9CIC

[Non-text portions of this message have been removed]
~~~~

[Non-text portions of this message have been removed]

24679. Re: Fw: [FT897] Extend transmitting range ??? jANUARY 1, 2009

Yahoo group: FT897 (2009)
Date: 2009-01-19 14:01:19 UTC
From: Jim Coon
Topic: 24678 Message: 24679

You might want toread Mark Levenite's explanation of the floating "general coverage" band in his answer to my 897 bands question. I think that is what you are seeing.

P Grant wrote:
>
> Repeat Message'
> sent January 04. 09
> ----- Original Message -----
> From: P Grant
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Sunday, January 04, 2009 9:48 PM
> Subject: Re: [FT897] Extend transmitting range ???
>
> Hi Josef,
> I may presume wrongly, but I think the EU version (FT897D) should be
> similar in band to the UK Model !
> As I said in my last post to Dave, I opened up my rig for full RX/TX.
> The strangest thing, I just found while checking out Top Band on mine
> ,,,,, to check your info...
> Top Bans starts at 1800 Kc and has tx/rx facility on that Tuner knob
> right up to 7000 Kc. ... and above.
> The strange thing is this is now on the 40M band, and when I click
> back on the band change from this position, instead of having the 70
> cms. band displayed it reads 1.8 MHz (1800Kc) ,
> If I click back another band change, I am mow truly on the 70 cms. band.
>

24680. Setting up Collins Filter yf-122s

Yahoo group: FT897 (2009)
Date: 2009-01-19 14:13:16 UTC
From: charles.mintoff
Topic: 24680 Message: 24680

Further to my last post which I did not fully understand can somebody
let me know as clear as possiable how to set this filter up
Regards
Charlie
9H4CM

24681. Re: Setting up Collins Filter yf-122s

Yahoo group: FT897 (2009)
Date: 2009-01-19 19:28:48 UTC
From: Mark Levenite
Topic: 24680 Message: 24681

Charlie,

Since I was unsuccessful in answering your question the first time around might I suggest you consult the FT-897D manual, page 66. That page explains how to set up an accessory filter, with figures.

If you do not have a manual one is available for download from Yaesu. URL for the manual download is:

http://www.yaesu.com/downloadFile.cfmfileID=1129&FileCatID=158&FileName=FT%2D897D%5FOperating%20Manual.pdf&FileContentType=application%2Fpdf

Hope this works for you.

Regards, Mark (NM7L)

24682. Re: [FT897] Re: Setting up Collins Filter yf-122s

Yahoo group: FT897 (2009)
Date: 2009-01-19 19:44:38 UTC
From: Larry D. Barr, K5WLF
Topic: 24680 Message: 24682

Actually, there are manuals for both the FT-897 and the FT-897D in the "Files" area of our group site.

As Yaesu owners, we're fortunate to have pretty well written and informative manuals. Owners of some other brand products aren't near so lucky.

73,
ldb
K5WLF

Mark Levenite wrote:
> Charlie,
>
> Since I was unsuccessful in answering your question the first time
> around might I suggest you consult the FT-897D manual, page 66. That
> page explains how to set up an accessory filter, with figures.
>
> If you do not have a manual one is available for download from Yaesu.
> URL for the manual download is:
>
> http://www.yaesu.com/downloadFile.cfmfileID=1129&FileCatID=158&FileName=
> FT%2D897D%5FOperating%20Manual.pdf&FileContentType=application%2Fpdf
>
> Hope this works for you.
>
> Regards, Mark (NM7L)

24683. Strange memory channels

Yahoo group: FT897 (2009)
Date: 2009-01-20 02:43:25 UTC
From: Selva Kumar R
Topic: 24683 Message: 24683

Hello all,
I find a few channels that are preconfigured on my 897D. These seem to be there from day 1 and I cannot find any references or mention to these in the manual too !!

I tried a complete reset (including memory erase) but didn't seem to help. Now I have a lot of settings and don't want to reset the rig to defaults.

Any idea what these are and how I can get these deleted? The following are the channels I find in the memory group.

M-601 USB 5.332Mhz
M-602 USB 5348Mhz
M-603 USB 5368 Mhz
M-604 USB 5373 Mhz
M-605 USB 5405 Mhz

Best 73,
De Selva,
VU3RWB, India.

Best regards,
-Selva.

This e-mail has been scanned for viruses by the Cable & Wireless e-mail security system - powered by MessageLabs. For more information on a proactive managed e-mail security service, visit http://www.cw.com/uk/emailprotection/

The information contained in this e-mail is confidential and may also be subject to legal privilege. It is intended only for the recipient(s) named above. If you are not named above as a recipient, you must not read, copy, disclose, forward or otherwise use the information contained in this email. If you have received this e-mail in error, please notify the sender (whose contact details are above) immediately by reply e-mail and delete the message and any attachments without retaining any copies.

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[Non-text portions of this message have been removed]

24684. Re: [FT897] Strange memory channels

Yahoo group: FT897 (2009)
Date: 2009-01-20 02:48:25 UTC
From: Larry D. Barr, K5WLF
Topic: 24683 Message: 24684

Those are the pre-programmed 60m channels. Page 23 in the manual tells
you how to utilize them.

73,
ldb
K5WLF

Selva Kumar R wrote:
> Hello all, I find a few channels that are preconfigured on my 897D.
> These seem to be there from day 1 and I cannot find any references or
> mention to these in the manual too !!
>
> I tried a complete reset (including memory erase) but didn't seem to
> help. Now I have a lot of settings and don't want to reset the rig to
> defaults.
>
> Any idea what these are and how I can get these deleted? The
> following are the channels I find in the memory group.
>
> M-601 USB 5.332Mhz M-602 USB 5348Mhz M-603 USB 5368 Mhz M-604 USB
> 5373 Mhz M-605 USB 5405 Mhz
>
> Best 73, De Selva, VU3RWB, India.

24685. Re: [FT897] Strange memory channels

Yahoo group: FT897 (2009)
Date: 2009-01-20 02:50:04 UTC
From: Gary Altig
Topic: 24683 Message: 24685

DE N7UVL,
Looks like you got a USA version FT-897D with the
60 Meter frequencies. I'm not sure, but I think they
disappear if other expanded range mods are
accomplished on the FT-897./ga

----- Original Message -----
From: Selva Kumar R<mailto:SelvaKumar.R@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, January 19, 2009 6:43 PM
Subject: [FT897] Strange memory channels

Hello all,
I find a few channels that are preconfigured on my 897D. These seem to be there from day 1 and I cannot find any references or mention to these in the manual too !!

I tried a complete reset (including memory erase) but didn't seem to help. Now I have a lot of settings and don't want to reset the rig to defaults.

Any idea what these are and how I can get these deleted? The following are the channels I find in the memory group.

M-601 USB 5.332Mhz
M-602 USB 5348Mhz
M-603 USB 5368 Mhz
M-604 USB 5373 Mhz
M-605 USB 5405 Mhz

Best 73,
De Selva,
VU3RWB, India.

Best regards,
-Selva.

This e-mail has been scanned for viruses by the Cable & Wireless e-mail security system - powered by MessageLabs. For more information on a proactive managed e-mail security service, visit
http://www.cw.com/uk/emailprotection/<http://www.cw.com/uk/emailprotection/>

The information contained in this e-mail is confidential and may also be subject to legal privilege. It is intended only for the recipient(s) named above. If you are not named above as a recipient, you must not read, copy, disclose, forward or otherwise use the information contained in this email. If you have received this e-mail in error, please notify the sender (whose contact details are above) immediately by reply e-mail and delete the message and any attachments without retaining any copies.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24686. What would be the best HF Linear amplifier for a FT-897D with a Chameleon V1?

Yahoo group: FT897 (2009)
Date: 2009-01-20 04:28:11 UTC
From: chameleon_antenna
Topic: 24686 Message: 24686

Hi,

I own a Yaesu FT-897D for few months now and I just love it. I also have a very good Chameleon V1 HF Multiband Antenna (Max power: 350 Watts).

I would like to know what would be the best (but not too expensive)HF Linear amplifier for it. I would like to output around 250 Watts.

Thanks

Carl
KI6TRA

24687. Re: Power Up problem, SSB distorted, low power out

Yahoo group: FT897 (2009)
Date: 2009-01-19 17:07:33 UTC
From: Brian J. Scanlon
Topic: 24315 Message: 24687

Hello:

I have just aquired a "new in the box" Ft-897D with a late 2007 manufacture date. This radio exhibits the same behavior as you have described. I have noted that it acts like this for about 30 minutes to an hour before sounding normal. This leads me to believe it is thermal in nature. I have done no further testing yet. The radio is configured to factory settings and is being used with a MFJ 35 amp conventional power supply and an MFJ 1775 rotatable dipole. Both the power supply and antenna also serve my TS-570sg which works flawlessly. I really would like to avoid sending the radio to Yaesu unitil I have the problem nailed down and know for sure taht I can not fix it myself by reseating some of the internal hardware, adding an additional grounding strap, or jiggling some conections. Feedback welcome. How is Yaesu sevice??

Thanks

24688. Re: [FT897] Setting up Collins Filter yf-122s

Yahoo group: FT897 (2009)
Date: 2009-01-19 14:38:38 UTC
From: Pete Milsom
Topic: 24680 Message: 24688

Hi Charlie

Try reading page 66 in the manual. It details the installation of the extra filters.

73 de Pete.

Subject: [FT897] Setting up Collins Filter yf-122s

Further to my last post which I did not fully understand can somebody
let me know as clear as possiable how to set this filter up
Regards
Charlie
9H4CM

[Non-text portions of this message have been removed]

24689. Saying hello to group

Yahoo group: FT897 (2009)
Date: 2009-01-19 20:35:51 UTC
From: Thomas Meggison
Topic: 24689 Message: 24689

Just a quick hello, I am a new ham, just got my Tech and General license in one sitting. Studied really hard, nothing worthwhile is ever easy. Now I am studying for the Extra license. I will be buying a FT-897D shortly, I already have a Yaesu VX-8R hand held. I do not even know how to operate that yet. Like I said, I am new but willing to learn. Oh I just retired from the FAA.
Tom

T.F. Meggison KC2ULD
Rochester, NY

[Non-text portions of this message have been removed]

24690. Re: FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-19 05:06:24 UTC
From: superjet701_97
Topic: 24669 Message: 24690

First off, hello!
This is my first post in the group, but I have been lurking for a while. I got my Technician license in May and I am currently studying for the General. I am going to take it at the end of the month. I don't have an HF antenna up yet, so I have been listening to 2m SSB stuff and I am fascinated.

Anyhow, I bought my FT-897d 12-29-08 and the serial number is 8K030648. Who knows how long it sat at Ham Radio Outlet before I bought it, but there you go.
Thanks for all the information you don't know you have provided me with!

73,
Jamie
KE7UFQ

--- In FT897@yahoogroups.com, Joe <wu1z@...> wrote:
>
> Anyone know by chance where Yaesu is in regards to the latest serial numbers on the ft-897-D ??? I would sure appreciate some various imput on this. Thank you. :) JOE WU1Z
>
> [Non-text portions of this message have been removed]
>

24691. Re: FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-20 05:38:53 UTC
From: w4wb
Topic: 24669 Message: 24691

Jamie,

8K030648 means manufactured September 2008 and is the 648th unit in lot 103 (the "1" is missing since it has already cycled once now). Units typically take about 2 or so months to get to the dealer.

73 de Barry W4WB

--- In FT897@yahoogroups.com, "superjet701_97" <superjet701_97@...> wrote:
>
> First off, hello!
> This is my first post in the group, but I have been lurking for a
> while. I got my Technician license in May and I am currently studying
> for the General. I am going to take it at the end of the month. I
> don't have an HF antenna up yet, so I have been listening to 2m SSB
> stuff and I am fascinated.
>
> Anyhow, I bought my FT-897d 12-29-08 and the serial number is
> 8K030648. Who knows how long it sat at Ham Radio Outlet before I
> bought it, but there you go.
> Thanks for all the information you don't know you have provided me with!
>
> 73,
> Jamie
> KE7UFQ
>
> --- In FT897@yahoogroups.com, Joe <wu1z@> wrote:
> >
> > Anyone know by chance where Yaesu is in regards to the latest serial
> numbers on the ft-897-D ??? I would sure appreciate
> some various imput on this. Thank you. :) JOE WU1Z
> >
> > [Non-text portions of this message have been removed]
> >
>

24692. Re: [FT897] What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-20 10:08:29 UTC
From: kc3vo@aol.com
Topic: 24692 Message: 24692

The "RM Italy" model# HLA-300 amplifier will provide 300 watts, requires only about 30 watts drive, so you can set the FT-897 for low power, and this amp also has automatic band changing, with internal harmonic filters for each frequency segment. You can sometimes find one on E-Bay. Power for the amp is from a 13.8 volt source, which you must provide, and up to 60 amperes is required.--73, KC3VO, Bob
**********Inauguration '09: Get complete coverage from the nation's capital.(http://www.aol.com?ncid=emlcntaolcom00000027)

[Non-text portions of this message have been removed]

24693. Re: [FT897] Saying hello to group

Yahoo group: FT897 (2009)
Date: 2009-01-20 13:42:56 UTC
From: Kerryguy7
Topic: 24689 Message: 24693

Welcome to the group, Tom!
Like yourself I am a fairly new "general licensee" although I had my technician license for about four years before that.
Also, like you I am still learning (seemingly EVERYTHING!) and having a great time doing it!
Also, like yourself I too am a "retired" federal employee. (US Postal Service).
Nice to meet you and, from one retired Tom to another retired Tom, best wishes and of course,
'73s!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Thomas Meggison <meggi@...>
To: FT897@yahoogroups.com
Sent: Monday, January 19, 2009 3:35:51 PM
Subject: [FT897] Saying hello to group

Just a quick hello, I am a new ham, just got my Tech and General
license in one sitting. Studied really hard, nothing worthwhile is
ever easy. Now I am studying for the Extra license. I will be buying
a FT-897D shortly, I already have a Yaesu VX-8R hand held. I do not
even know how to operate that yet. Like I said, I am new but willing
to learn. Oh I just retired from the FAA.
Tom

T.F. Meggison KC2ULD
Rochester, NY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24694. Re: [FT897] Saying hello to group

Yahoo group: FT897 (2009)
Date: 2009-01-20 13:49:51 UTC
From: Jim Coon
Topic: 24689 Message: 24694

Congratulations on your new license, Tom. You will enjoy both rigs, but they do take some learning to get the most out of them. Hope you have found the repeaters in your area for your hand held. 73's

Thomas Meggison wrote:
>
>
> Just a quick hello, I am a new ham, just got my Tech and General
> license in one sitting. Studied really hard, nothing worthwhile is
> ever easy. Now I am studying for the Extra license. I will be buying
> a FT-897D shortly, I already have a Yaesu VX-8R hand held. I do not
> even know how to operate that yet. Like I said, I am new but willing
> to learn. Oh I just retired from the FAA.
> Tom
>
> T.F. Meggison KC2ULD
> Rochester, NY
>
>
>
> [Non-text portions of this message have been removed]
>
>

24695. Re: [FT897] Re: FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-20 13:57:40 UTC
From: Jim Coon
Topic: 24669 Message: 24695

How do you figure out the numbers? Mine says 6F700127

w4wb wrote:
>
> Jamie,
>
> 8K030648 means manufactured September 2008 and is the 648th unit in
> lot 103 (the "1" is missing since it has already cycled once now).
> Units typically take about 2 or so months to get to the dealer.
>
> 73 de Barry W4WB
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "superjet701_97" <superjet701_97@...>
> wrote:
> >
> > First off, hello!
> > This is my first post in the group, but I have been lurking for a
> > while. I got my Technician license in May and I am currently
> studying
> > for the General. I am going to take it at the end of the month. I
> > don't have an HF antenna up yet, so I have been listening to 2m SSB
> > stuff and I am fascinated.
> >
> > Anyhow, I bought my FT-897d 12-29-08 and the serial number is
> > 8K030648. Who knows how long it sat at Ham Radio Outlet before I
> > bought it, but there you go.
> > Thanks for all the information you don't know you have provided
> me with!
> >
> > 73,
> > Jamie
> > KE7UFQ
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Joe
> <wu1z@> wrote:
> > >
> > > Anyone know by chance where Yaesu is in regards to the latest
> serial
> > numbers on the ft-897-D ??? I would sure appreciate
> > some various imput on this. Thank you. :) JOE WU1Z
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >

>
>

24696. Re: [FT897] Re: FT-897-D SERIAL NUMBERS

Yahoo group: FT897 (2009)
Date: 2009-01-20 14:10:09 UTC
From: Pat Sklenar
Topic: 24669 Message: 24696

Jim Coon wrote:
> How do you figure out the numbers? Mine says 6F700127
I saved the below from a posting I found right after I bought my used FT87.
pat----
N1PRS

Simple breakdown of the Yaesu code is below:

Position 1 = year made
Position 2 = month made
C = January
D = February
E = March
F = April
G = May
H = June
I = July
J = August
K = September
L = October
M = November
N = December

Position 1 = last digit of the year in which the radio was produced
Position 2 = month made
Pos 3 &/or 4 = lot number(s)
Pos 5<-8 = sequence in that lot

Example - FT897D 4H370xxx would translate to:

4 = 2004
H = June
37 = Lot number 37

24697. Re: [RadioModifications] Yaesu Ft-897D - Expending into the 1.25M

Yahoo group: FT897 (2009)
Date: 2009-01-20 15:48:59 UTC
From: customgraphics!
Topic: 24697 Message: 24697

.....YAESU FT8x7: add or subtract 136.660

this is a lil trick to hear image freqs... ya double your 1st IF freq (ft897 is 68.3mhz) ...so double is 136.66... take a 220 freq (224.400 for example) calculate 224.4-136.66=87.74mhz

you should be able to hear (attenuated 60db or so) 224.400 by tuning your 897 to 87.74... however, i think we're stuck on WFM on 87.74... but you get the drift...

if you have a 146.760 rptr close by, try listening 10.100mhz FM :)
if you have a 146.940 rptr close by, try listening 10.280mhz FM :)

if you just key up your ht on 146.520... listen on 9.860 fm :)

try it at field day if ya know the IF of the radio that Homer is running... get him all upset :) hihi

try it for foxhunting... find the 1st IF of your ht & use it for attenuated reception of the fox :)

fun with radios :)

carl wb9ybi

----- Original Message -----
From: "chameleon_antenna" <alexander.the.hard@...>
To: <RadioModifications@yahoogroups.com>
Sent: Tuesday, January 20, 2009 12:16 AM
Subject: [RadioModifications] Yaesu Ft-897D - Expending into the 1.25M

Hi,

I own a Yaesu FT-897D and a Chameleon V1 HF Multiband Antenna. I would be able to use/communicate on the 1.25M band with my Yaesu FT-897D.

Is there a way to do it?

Thanks
Alexander

24698. Re: [FT897] Saying hello to group

Yahoo group: FT897 (2009)
Date: 2009-01-20 15:55:40 UTC
From: Joe
Topic: 24689 Message: 24698

Looks like it is time for some 'Tom' foolery!

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Kerryguy7" <kerryguy7@...>
Subject: Re: [FT897] Saying hello to group

> Nice to meet you and, from one retired Tom to another retired Tom, best
> wishes and of course,

24699. Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 01:28:31 UTC
From: bill959uk
Topic: 24692 Message: 24699

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> The "RM Italy" model# HLA-300 amplifier will provide 300 watts,
requires
> only about 30 watts drive, so you can set the FT-897 for low
power, and this amp
> also has automatic band changing, with internal harmonic filters
for each
> frequency segment. You can sometimes find one on E-Bay. Power for
the amp is
> from a 13.8 volt source, which you must provide, and up to 60
amperes is
> required.--73, KC3VO, Bob
> **********Inauguration '09: Get complete coverage from the
nation's
> capital.(http://www.aol.com?ncid=emlcntaolcom00000027)
>
>
> [Non-text portions of this message have been removed]
>
I used to use a RM Italy HLA150 with my FT817. It worked well but got very upset and would bleep loudly and cut out with any mismatch above 1.5:1. I did read somewhere of a simple mod, just replacing a capacitor to make this family of amps a bit less sensetive to moderate swr, but I bought my 897d, so never did it!
Cheers, Bill, G6BCC

24700. Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 05:55:53 UTC
From: Jim Webster
Topic: 24692 Message: 24700

I have heard this is a good little amp, but if this matters to anyone, RM Italy amps are not FCC approved.
Jim KI6PYZ

From: bill959uk <billpoorcroft@hotmail.com>
To: FT897@yahoogroups.com
Sent: Friday, January 23, 2009 5:28:31 PM
Subject: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

--- In FT897@yahoogroups. com, kc3vo@... wrote:
>
> The "RM Italy" model# HLA-300 amplifier will provide 300 watts, requires
> only about 30 watts drive, so you can set the FT-897 for low power, and this amp
> also has automatic band changing, with internal harmonic filters for each
> frequency segment. You can sometimes find one on E-Bay. Power for the amp is
> from a 13.8 volt source, which you must provide, and up to 60 amperes is
> required.--73, KC3VO, Bob
> ********** **Inauguration '09: Get complete coverage from the nation's
> capital.(http://www.aol. com?ncid= emlcntaolcom0000 0027)
>
>
> [Non-text portions of this message have been removed]
>
I used to use a RM Italy HLA150 with my FT817. It worked well but got very upset and would bleep loudly and cut out with any mismatch above 1.5:1. I did read somewhere of a simple mod, just replacing a capacitor to make this family of amps a bit less sensetive to moderate swr, but I bought my 897d, so never did it!
Cheers, Bill, G6BCC

[Non-text portions of this message have been removed]

24701. Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 06:08:04 UTC
From: Larry D. Barr, K5WLF
Topic: 24692 Message: 24701

A friend of mine chunked an RM Italy for a Tokyo High Power. He likes it a lot better.

73,
ldb
K5WLF

Jim Webster wrote:
> I have heard this is a good little amp, but if this matters to
> anyone, RM Italy amps are not FCC approved. Jim KI6PYZ
>
> From: bill959uk <billpoorcroft@...> To: FT897@yahoogroups.com
> Sent: Friday, January 23, 2009 5:28:31 PM Subject: [FT897] Re: What
> would be the best HF Linear amplifier for a FT-897D with a C...
>
>
> --- In FT897@yahoogroups. com, kc3vo@... wrote:
>> The "RM Italy" model# HLA-300 amplifier will provide 300 watts,
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>> only about 30 watts drive, so you can set the FT-897 for low
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>> also has automatic band changing, with internal harmonic filters
> for each
>> frequency segment. You can sometimes find one on E-Bay. Power for
> the amp is
>> from a 13.8 volt source, which you must provide, and up to 60
> amperes is
>> required.--73, KC3VO, Bob ********** **Inauguration '09: Get
>> complete coverage from the
> nation's
>> capital.(http://www.aol. com?ncid= emlcntaolcom0000 0027)
>>
>>
>> [Non-text portions of this message have been removed]
>>
> I used to use a RM Italy HLA150 with my FT817. It worked well but got
> very upset and would bleep loudly and cut out with any mismatch above
> 1.5:1. I did read somewhere of a simple mod, just replacing a
> capacitor to make this family of amps a bit less sensetive to
> moderate swr, but I bought my 897d, so never did it! Cheers, Bill,
> G6BCC

24702. Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 06:51:54 UTC
From: Jim Webster
Topic: 24692 Message: 24702

He should they are great amps, but not cheap. RM vs Tokoyo High Power is like comparing a grain of sand to a Basket Ball.
Jim KI6PYZ

From: "Larry D. Barr, K5WLF" <k5wlf@...>
To: FT897@yahoogroups.com
Sent: Friday, January 23, 2009 10:08:04 PM
Subject: Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

A friend of mine chunked an RM Italy for a Tokyo High Power. He likes it
a lot better.

73,
ldb
K5WLF

Jim Webster wrote:
> I have heard this is a good little amp, but if this matters to
> anyone, RM Italy amps are not FCC approved. Jim KI6PYZ
>
> From: bill959uk <billpoorcroft@ hotmail.com> To: FT897@yahoogroups. com
> Sent: Friday, January 23, 2009 5:28:31 PM Subject: [FT897] Re: What
> would be the best HF Linear amplifier for a FT-897D with a C...
>
>
> --- In FT897@yahoogroups. com, kc3vo@... wrote:
>> The "RM Italy" model# HLA-300 amplifier will provide 300 watts,
> requires
>> only about 30 watts drive, so you can set the FT-897 for low
> power, and this amp
>> also has automatic band changing, with internal harmonic filters
> for each
>> frequency segment. You can sometimes find one on E-Bay. Power for
> the amp is
>> from a 13.8 volt source, which you must provide, and up to 60
> amperes is
>> required.--73, KC3VO, Bob ********** **Inauguration '09: Get
>> complete coverage from the
> nation's
>> capital.(http://www.aol. com?ncid= emlcntaolcom0000 0027)
>>
>>
>> [Non-text portions of this message have been removed]

>>
> I used to use a RM Italy HLA150 with my FT817. It worked well but got
> very upset and would bleep loudly and cut out with any mismatch above
> 1.5:1. I did read somewhere of a simple mod, just replacing a
> capacitor to make this family of amps a bit less sensetive to
> moderate swr, but I bought my 897d, so never did it! Cheers, Bill,
> G6BCC

[Non-text portions of this message have been removed]

24703. Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 06:56:47 UTC
From: Charles Mintoff
Topic: 24692 Message: 24703

What about the KL 203 very small amp

Charlie 9H4CM

On Sat, Jan 24, 2009 at 7:51 AM, Jim Webster <jwbstr33@...> wrote:
> He should they are great amps, but not cheap. RM vs Tokoyo High Power is
> like comparing a grain of sand to a Basket Ball.
> Jim KI6PYZ
>
> _____
> From: "Larry D. Barr, K5WLF" <k5wlf@...>
> To: FT897@yahoogroups.com
> Sent: Friday, January 23, 2009 10:08:04 PM
> Subject: Re: [FT897] Re: What would be the best HF Linear amplifier for a
> FT-897D with a C...
>
> A friend of mine chunked an RM Italy for a Tokyo High Power. He likes it
> a lot better.
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> 73,
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>> Sent: Friday, January 23, 2009 5:28:31 PM Subject: [FT897] Re: What
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>>
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>> requires
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>>> also has automatic band changing, with internal harmonic filters
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>>> frequency segment. You can sometimes find one on E-Bay. Power for
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>>> from a 13.8 volt source, which you must provide, and up to 60
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>>> complete coverage from the
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>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
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>> very upset and would bleep loudly and cut out with any mismatch above
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>> moderate swr, but I bought my 897d, so never did it! Cheers, Bill,
>> G6BCC
>
> [Non-text portions of this message have been removed]
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

24704. Re: [FT897] Re: What would be the best HF Linear amplifier for a FT-897D with a C...

Yahoo group: FT897 (2009)
Date: 2009-01-24 07:02:11 UTC
From: Larry D. Barr, K5WLF
Topic: 24692 Message: 24704

I thought the original subject line was "What would be the best...", not
"What would be the cheapest..."

73,
ldb
K5WLF

Jim Webster wrote:
> He should they are great amps, but not cheap. RM vs Tokoyo High Power
> is like comparing a grain of sand to a Basket Ball. Jim KI6PYZ

24705. Re: What would be the "BEST" HF Linear amplifier for a FT-897D with...

Yahoo group: FT897 (2009)
Date: 2009-01-24 07:22:33 UTC
From: kc3vo@aol.com
Topic: 24705 Message: 24705

OK--"The BEST linear amp" for use with the FT-897, that is readily available to the amateur community worldwide, is the YAESU model VL-1000. This amp. is readily connected for fully automatic bandchanging, can operate at any power level up to 1,000 watts on all frequencies from 1.8 thru 54 mhz. and includes a tuner and A.C. power supply. By adjusting the ALC setting, and/or reducing input RF drive, output may be set to much less than the rated 1,000 watts. Price in the USA, is about $4,000.00 -This amplifier has government approval for amateur use, where required.(I use a modified VL-1000, at 1,500 watts output, with my FT-897)--73, KC3VO, Bob Curry
**********From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24706. Re: [FT897] Re: What would be the "BEST" HF Linear amplifier for a FT-897D with...

Yahoo group: FT897 (2009)
Date: 2009-01-24 07:38:09 UTC
From: Charles Mintoff
Topic: 24705 Message: 24706

Why do you need all that power?
Charlie 9H4CM

On Sat, Jan 24, 2009 at 8:22 AM, <kc3vo@...> wrote:
> OK--"The BEST linear amp" for use with the FT-897, that is readily available
> to the amateur community worldwide, is the YAESU model VL-1000. This amp.
> is readily connected for fully automatic bandchanging, can operate at any
> power level up to 1,000 watts on all frequencies from 1.8 thru 54 mhz. and
> includes a tuner and A.C. power supply. By adjusting the ALC setting, and/or
> reducing input RF drive, output may be set to much less than the rated 1,000
> watts.
> Price in the USA, is about $4,000.00 -This amplifier has government
> approval for amateur use, where required.(I use a modified VL-1000, at 1,500
> watts
> output, with my FT-897)--73, KC3VO, Bob Curry
> **********From Wall Street to Main Street and everywhere in between,
> stay
> up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)
>
> [Non-text portions of this message have been removed]
>
>

--
Regards
Charlie 9H4CM

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http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

24707. "All that power"? (reasons/usage of amplifiers)

Yahoo group: FT897 (2009)
Date: 2009-01-24 09:07:43 UTC
From: kc3vo@aol.com
Topic: 24707 Message: 24707

Although my station can be operated at the U.S.A. legal limit of 1,500 watts, I do not always use that level. As stated, power may be adjusted by changing drive level, (or turning the amp off) Having the ability to increase power is very important if band conditions are poor, or the receiving station is experiencing noise or other interference, which must be overcome for effective communication. In keeping with amateur radios use as an "EMERGENCY COMMUNICATIONS" facility for times of disaster, the ability to operate at higher power can compensate for a poor or damaged antenna, and enable reception by stations that may have poor or damaged antennas, or high noise levels, when lower power would not be effective. Think about it-if your life depended on getting a message across, and there were two similar radio facilities, one operating at 10 watts, and the other operating at 1,500 watts, which would you entrust your critical message to? In keeping with emergency preparedness, my entire station can also operate at full power, from batteries charged via solar energy or generator, if A.C. mains power fails or is not available. I have configured similar radios for back-pack portable and motorcycle mobile, all capable of high-power (500 watts or more) operation. YES, I have a >500 watt capable, H.F."Back-Pack" walkie-talkie! I demonstrated it at the last DAYTON HAMVENTION, and NO, the battery is NOT very big or heavy, as it is a very powerful, 8 pound, lithium-polymer unit, that allows at least one hour of communications at 500 watts output. Remember also, that 1,500 watts into a dipole is about the same radiated strength as 75 watts into a 13 db gain beam antenna, and there are times and places where installing the beam antenna is not possible, but erecting a dipole or vertical, or using a mobile whip, is possible-in these cases, availability of higher power is an asset, because although signals can often be RECEIVED on poor/makeshift antennas, transmitting is not as effective.By using high power, communications can be MUCH more reliably accomplished in cases where less than ideal antennas must be utilized, such as portable or emergency situations. 73, KC3VO-Bob Curry
**********From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24708. Re: [FT897] What would be the best HF Linear amplifier for a FT-897D with a Chameleon V1?

Yahoo group: FT897 (2009)
Date: 2009-01-24 21:31:50 UTC
From: Dennis Willson
Topic: 24686 Message: 24708

You are not very specific on your requirements for "the best HF Linear amplifier".
From your posting I assume the following:
Multi-band HF
<= 300 Watts

But... How are you going to use it?
Dx-pedition
Contesting, Field day type
Contesting, from home
Rag chewing
Occasional short conversations but need a little extra punch

Is this strictly for Base operations or mobile, portable?
Is size a constraint?
Any other bells/whistles you want the amp to have? (automatic tuning,etc...)

One thing to consider and something that will effect price is the Xmit duty cycle. If you contest you will need a higher duty cycle which will cost a little more and normally be physically bigger, not to mention a bit more expensive.

If you do field day type contesting it needs to be able to take some extra punishment while if it is just sitting on your desk all the time that is not as near important.

So as people give their opinions, they are referring to how they use their equipment even though that may not be specified. So if a contester says a certain amp doesn't last long, that doesn't mean it won't work just fine for rag chewing...

The more specific you are with your requirements and usage the better the answers you will get.

chameleon_antenna wrote:
> Hi,
>
> I own a Yaesu FT-897D for few months now and I just love it. I also
> have a very good Chameleon V1 HF Multiband Antenna (Max power: 350 Watts).
>
> I would like to know what would be the best (but not too expensive)HF
> Linear amplifier for it. I would like to output around 250 Watts.
>
> Thanks
>

> Carl
> KI6TRA
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>

--

Dennis Willson

taz@...
http://www.taz-mania.com

Ham (Extra Class w/code): KA6LSW (ARRL Diamond Member)
GMRS : WQGF680
Scuba: Rescue Diver, EANx, Wreck, Night, Alt,
Equip, UW Photographer, Gas Blender

Life should not be a journey to the grave with the intention of
arriving safely in a nice looking and well preserved body, but rather
to skid in broadside, thoroughly used up, totally worn out, and loudly
proclaiming, "WOW! WHAT A RIDE!"

[Non-text portions of this message have been removed]

24709. Re: [FT897] Re: What would be the "BEST" HF Linear amplifier for a FT-897D with...

Yahoo group: FT897 (2009)
Date: 2009-01-25 02:03:49 UTC
From: Jim Webster
Topic: 24705 Message: 24709

Must be nice, using a $4000.00 amp on a $700.00 + transceiver??
Jim KI6PYZ

_____
From: "kc3vo@..." <kc3vo@...>
To: FT897@yahoogroups.com
Sent: Friday, January 23, 2009 11:22:33 PM
Subject: [FT897] Re: What would be the "BEST" HF Linear amplifier for a FT-897D with...

OK--"The BEST linear amp" for use with the FT-897, that is readily available
to the amateur community worldwide, is the YAESU model VL-1000. This amp.
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includes a tuner and A.C. power supply. By adjusting the ALC setting, and/or
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Price in the USA, is about $4,000.00 -This amplifier has government
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24710. Re: "All that power"? (reasons/usage of amplifiers)

Yahoo group: FT897 (2009)
Date: 2009-01-25 03:21:25 UTC
From: Steve Yates
Topic: 24707 Message: 24710

Wow Bob!

I understand your rational for having the potential for high power perfectly but >500 W from a backpack rig? That's kind of like being a human firecracker! Or is it a dummy load on a stick? Aren't you a bit worried about excessive RF exposure? In that kind of a setup your ARE part of the antenna system.

73,
Steve - AA5TB

24711. Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-25 18:33:40 UTC
From: on7wp
Topic: 24711 Message: 24711

WARNING about the lousy quality control at the yaesu factories !!!

Yaesu has very low quality standards and sells time bombs type FT857
FT897 !

Almost incredible ! After reading for the last 5 years about problems
with bias of Yaesu FT-857 FT-897 radios I just came home with my brand
new (2008J series) second FT 857 radio and found out the hard way they
did nothing to improve this at all.

While testing it on the lab bench auditory tests revealed a not so
beautiful modulation.

So I decided to open up the box and check the bias level: A DISASTER !!!!

The predriver was at 95 mA (should be 30 mA)
The driver was at 70 mA (should be 20 mA)
The exciter stage was at 2 x 30 mA (should be 2 x 100 mA)
The HF final stage was at 550 mA (should be 300 mA)
The VHF final stage was at 990 mA (should be 300 mA)

If I wouldn't have opened it I would have blown my VHF final stage at
the first contest, as these currents even increase when heating up. Al
values above were for a cold radio straight out of the box.

I also would like to add the fact that those Japanese engineers don't
know yet that we all are using 3 kHz FM deviation (unit was adjusted
at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at
1 kHz adjusted).

The only thing I can conclude from this bad experience is that
virtually nobody at the Yaesu Plant or Yaesu design centre speaks
English or bothers reading reviews or mod sites in order to see what
is severely wrong with their products and do something about it.

So if you also have a FT857 FT897 and you get complaints about rotten
modulation, have somebody check out your radio for these bias
problems. There are plenty of resources on the web explaining how to.
If you are not familiar with SMD stuff please don't try this at home
You can easily toast your radio if you are not a radio whizzz like me

Pedro M.J. Wyns ON7WP ☐ AA9HX

PS today 24/1/2009 another yaesu FT897 was checked from a different
batch and another shop and guess what... finals far too high,
predriver far too low...bad sound...
luckily or unfortunately most hams don't hear the distortion...they

are completely deaf...(or dumb ???)

24712. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-25 19:05:05 UTC
From: "Glenn (KØBO)"
Topic: 24711 Message: 24712

on7wp wrote:
> WARNING about the lousy quality control at the yaesu factories !!!
>
> Yaesu has very low quality standards and sells time bombs type FT857
> FT897 !
>
> Almost incredible ! After reading for the last 5 years about problems
> with bias of Yaesu FT-857 FT-897 radios I just came home with my brand
> new (2008J series) second FT 857 radio and found out the hard way they
> did nothing to improve this at all.
>
> While testing it on the lab bench auditory tests revealed a not so
> beautiful modulation.
>
> So I decided to open up the box and check the bias level: A DISASTER !!!!
>
> The predriver was at 95 mA (should be 30 mA)
> The driver was at 70 mA (should be 20 mA)
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> The VHF final stage was at 990 mA (should be 300 mA)
>
> If I wouldn't have opened it I would have blown my VHF final stage at
> the first contest, as these currents even increase when heating up. Al
> values above were for a cold radio straight out of the box.
>
> I also would like to add the fact that those Japanese engineers don't
> know yet that we all are using 3 kHz FM deviation (unit was adjusted
> at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at
> 1 kHz adjusted).
>
> The only thing I can conclude from this bad experience is that
> virtually nobody at the Yaesu Plant or Yaesu design centre speaks
> English or bothers reading reviews or mod sites in order to see what
> is severely wrong with their products and do something about it.
>
> So if you also have a FT857 FT897 and you get complaints about rotten
> modulation, have somebody check out your radio for these bias
> problems. There are plenty of resources on the web explaining how to.
> If you are not familiar with SMD stuff please don't try this at home…
> You can easily toast your radio if you are not a radio whizzz like me…
>
> Pedro M.J. Wyns ON7WP – AA9HX
>

> PS today 24/1/2009 another yaesu FT897 was checked from a different
> batch and another shop and guess what... finals far too high,
> predriver far too low...bad sound...
> luckily or unfortunately most hams don't hear the distortion...they
> are completely deaf...(or dumb ???)

You should note...

Not all of the FT897 and FT857s have the same transistors

24713. Re: [FT897] Re: Homebrewing External meter

Yahoo group: FT897 (2009)
Date: 2009-01-25 19:27:30 UTC
From: customgraphics!
Topic: 24206 Message: 24713

hooked up a regular ohm meter to the external meter hole today :) using the calibration pot on the ohm meter to set it at FS (full scale) ...so now i have the external discriminator meter i wanted :)

having a great time CTRing the repeaters to see which ones are off freq :) 1 is 3kc & 1 is 4kc low :) even works on AM stations... just listen on fm to wwv & others :)

local pager transmitter is really wide dev... meter jumps around... will test more with different width fm sigs for fun :)

detects super weak stations :) if i vfo-spin slowly across a weak one, it'll show on the meter before it breaks squelch :) might be handy if "Joe" whose radio is always 3kc off tries to check into the net, i'll know it's him by his off freq ID :) lol wonder how accurate it might be with a digital voltmeter.... hmm... "Joe" might be the transmitter that always reads .0000019 or something... almost id'ing him :)

big fun ;)

----- Original Message -----
From: "customgraphics!" <renee.thomas@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, November 23, 2008 9:14 PM
Subject: Re: [FT897] Re: Homebrewing External meter

> i wrote ldg & wishlisted 'em to build a meter that would double-sided tape
> mount under the radio front & look like a knight rider lightbar... i want
> something like that for the discriminator meter (that yaesu "forgot" to
put
> in the 897 :)
>
> anybody know how to achieve this cheaply? :)
>
>
>
> wb9ybi
>
> ----- Original Message -----
> From: "Dale Blanchard" <wa7ixk@...>
> To: <FT897@yahoogroups.com>
> Sent: Sunday, November 23, 2008 8:02 PM
> Subject: [FT897] Re: Homebrewing External meter
>
>
> --- In FT897@yahoogroups.com, eric@... wrote:

> >
> > Hi Alex,
> >
> > If I remember correctly, there is a calibration option in one of the
> meter
> > menus where you can calibrate the meter to FSD. yes, i think 1mA is
> the correct
> > size.
> >
> > 73....Eric VK2VE
> >
> The radio puts out 1 ma for the meter movement. Some 1 ma analog
> meters will not read full scale but are close.
> The way around it is to use a 500 micro amp meter and a series pot for
> calibration. Like LDG did.
> I have a 200 micro amp 270 degree meter that works great with a cal pot.
> Nice to look at , but do not use it.
> The radio read out is OK. You do not need a absolute readout on every
> thing.
> If the radio is working it is OK.
> The SWR meter in the radio is faster acting than a analog meter.
> You only need minimum reading not a absolute value for swr.
> Dale
>
>
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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24714. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-25 20:23:22 UTC
From: Joe
Topic: 24711 Message: 24714

Its this type of stuff that really sours me on Yaesu products. There is no excuse for that type of nonsense. I was going to buy a Yaesu Ft-897-D but I will be darned if I am going to end up a victim of that sort of stuff. I am going with the Icom 7200 instead. I have had great luck with Icom stuff over the years. My Icom 718 is perfect. My handheld the Icom 32AT is 18 years old and going strong. My girlfriend got me a 2 meter handheld a few years ago and that is great too. Thanks for the info on the bias problems. Joe

--- On Sun, 1/25/09, "Glenn (K?BO)" <yahoo@...> wrote:

From: "Glenn (K?BO)" <yahoo@...>
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!
To: FT897@yahoogroups.com
Date: Sunday, January 25, 2009, 2:05 PM

on7wp wrote:
> WARNING about the lousy quality control at the yaesu factories !!!
>
> Yaesu has very low quality standards and sells time bombs type FT857
> FT897 !
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> Almost incredible ! After reading for the last 5 years about problems
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> new (2008J series) second FT 857 radio and found out the hard way they
> did nothing to improve this at all.
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> The driver was at 70 mA (should be 20 mA)
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> If I wouldn't have opened it I would have blown my VHF final stage at
> the first contest, as these currents even increase when heating up. Al
> values above were for a cold radio straight out of the box.
>
> I also would like to add the fact that those Japanese engineers don't
> know yet that we all are using 3 kHz FM deviation (unit was adjusted
> at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at

> 1 kHz adjusted).
>
> The only thing I can conclude from this bad experience is that
> virtually nobody at the Yaesu Plant or Yaesu design centre speaks
> English or bothers reading reviews or mod sites in order to see what
> is severely wrong with their products and do something about it.
>
> So if you also have a FT857 FT897 and you get complaints about rotten
> modulation, have somebody check out your radio for these bias
> problems. There are plenty of resources on the web explaining how to.
> If you are not familiar with SMD stuff please don't try this at
home?
> You can easily toast your radio if you are not a radio whizzz like me?
>
> Pedro M.J. Wyns ON7WP ? AA9HX
>
> PS today 24/1/2009 another yaesu FT897 was checked from a different
> batch and another shop and guess what... finals far too high,
> predriver far too low...bad sound...
> luckily or unfortunately most hams don't hear the distortion...they
> are completely deaf...(or dumb ???)

You should note...

Not all of the FT897 and FT857s have the same transistors

Yahoo! Groups Links

[Non-text portions of this message have been removed]

24715. Memory software

Yahoo group: FT897 (2009)
Date: 2009-01-25 20:25:19 UTC
From: bigiantrike
Topic: 8629 Message: 24715

Hi All
I have plucked up the courage and ordered a USB cat cable to do memory programing on my radio....Can any one recommend software for doing this task..free software would be nice if poss...typical cheap skate radio ham...lol

Many thanks in anticipation

24716. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-25 21:12:37 UTC
From: Charles Scott
Topic: 24711 Message: 24716

Pedro:

I agree that Yaesu has been up to their usual good standards with the bias adjustments on the FT-897. I actually have been putting off doing the bias adjustment on the FT-897 also but the bench is starting to get cleared off, so it may happen soon.

One point of clarification. Not sure what your local norms are, but here 5 KHz deviation is standard and I often see radios from all of the manufacturers that will peak up toward 5.5 when you climb up on the microphone a bit. Also, I believe that 600 Hz is pretty common for the CTCSS deviation here as well when using 5 KHz deviation. For narrow FM you may be closer to correct, but that's not the default for the FT-897's here.

Chuck - N8DNX

on7wp wrote:
> ...
> I also would like to add the fact that those Japanese engineers don't
> know yet that we all are using 3 kHz FM deviation (unit was adjusted
> at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at
> 1 kHz adjusted).
> ...
>

24717. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-25 22:05:14 UTC
From: Bill Husted
Topic: 24711 Message: 24717

I've enjoyed my ft-897d (although I admit I may too ignorant - unfortunately, that's the truth, not sarcasm - to detect any great defects). It sure doesn't hold a candle to my Pro III but it does do a surprisingly good job, especially for the money. I've had good audio reports, just using the stock hand mike and the receive (other than being a bit too noisy for my tastes) has been good for a double hetrodyne.

I'm delighted that I own one. I bought it with the notion of it being - in my case - a fourth rig. I would not buy it as a main station radio. But for a portable rig that is very inexpensive (so that if the airlines destroy it my life can continue without undo hardship, grin), travels well and has done a credible job from various cabins in the wilderness with a dipole thrown up in the trees, I'm actually thrilled. It has easily surpassed what I hoped for when I bought it. There are better rigs at the same size with basically the same features, it's just that the cost for those rigs was more than was sensible for my bank account for a limited purpose radio. I wanted to spend as little as possible for as much as possible. I think - based on that sort of criteria - that the ft-897d has delivered nicely.

Bill KQ4YA
----- Original Message -----
From: "Joe" <wu1z@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, January 25, 2009 3:23 PM
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Its this type of stuff that really sours me on Yaesu products. There is no excuse for that type of nonsense. I was going to buy a Yaesu Ft-897-D but I will be darned if I am going to end up a victim of that sort of stuff. I am going with the Icom 7200 instead. I have had great luck with Icom stuff over the years. My Icom 718 is perfect. My handheld the Icom 32AT is 18 years old and going strong. My girlfriend got me a 2 meter handheld a few years ago and that is great too. Thanks for the info on the bias problems. Joe

--- On Sun, 1/25/09, "Glenn (K?BO)" <yahoo@...> wrote:

From: "Glenn (K?BO)" <yahoo@...>
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!
To: FT897@yahoogroups.com
Date: Sunday, January 25, 2009, 2:05 PM

on7wp wrote:
> WARNING about the lousy quality control at the yaesu factories !!!

>
> Yaesu has very low quality standards and sells time bombs type FT857
> FT897 !
>
> Almost incredible ! After reading for the last 5 years about problems
> with bias of Yaesu FT-857 FT-897 radios I just came home with my brand
> new (2008J series) second FT 857 radio and found out the hard way they
> did nothing to improve this at all.
>
> While testing it on the lab bench auditory tests revealed a not so
> beautiful modulation.
>
> So I decided to open up the box and check the bias level: A DISASTER !!!!
>
> The predriver was at 95 mA (should be 30 mA)
> The driver was at 70 mA (should be 20 mA)
> The exciter stage was at 2 x 30 mA (should be 2 x 100 mA)
> The HF final stage was at 550 mA (should be 300 mA)
> The VHF final stage was at 990 mA (should be 300 mA)
>
> If I wouldn't have opened it I would have blown my VHF final stage at
> the first contest, as these currents even increase when heating up. Al
> values above were for a cold radio straight out of the box.
>
> I also would like to add the fact that those Japanese engineers don't
> know yet that we all are using 3 kHz FM deviation (unit was adjusted
> at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at
> 1 kHz adjusted).
>
> The only thing I can conclude from this bad experience is that
> virtually nobody at the Yaesu Plant or Yaesu design centre speaks
> English or bothers reading reviews or mod sites in order to see what
> is severely wrong with their products and do something about it.
>
> So if you also have a FT857 FT897 and you get complaints about rotten
> modulation, have somebody check out your radio for these bias
> problems. There are plenty of resources on the web explaining how to.
> If you are not familiar with SMD stuff please don't try this at
home.
> You can easily toast your radio if you are not a radio whizzz like me.
>
> Pedro M.J. Wyns ON7WP - AA9HX
>
> PS today 24/1/2009 another yaesu FT897 was checked from a different
> batch and another shop and guess what... finals far too high,
> predriver far too low...bad sound...
> luckily or unfortunately most hams don't hear the distortion...they
> are completely deaf...(or dumb ???)

You should note...

Not all of the FT897 and FT857s have the same transistors

Yahoo! Groups Links

[Non-text portions of this message have been removed]

Yahoo! Groups Links

24718. dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 02:24:08 UTC
From: david
Topic: 24718 Message: 24718

hi all
i am using the at 897 tuner with my 897d rig and was wondering, do i need to put the tuner in bypass mode when i hook to a 6 meter ant or will it let the rig send the signal to the ant if i do nothing at all to the tuner? having read about the so239 on the tuner getting loose from being connected and disconnected alot i dont disconnect my coax jumpers from it i disconnect them from my window plate ant connectors and leave the coax jumpers hooked to the rig.
thanks and 73
david

24719. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-26 03:12:45 UTC
From: kc3vo@aol.com
Topic: 24719 Message: 24719

IMPORTANT!---#1. Bias that is HIGH (2 or 3 times normal) does NOT cause distorted audio, LOW bias does! #2. (MOST important) There are at least TWO VERSIONS of finals in these radios, some use FETS, the earlier version uses Bipolar transistors, and bias current is SUPPOSED to be higher with the FET devices in the final! --- Be CERTAIN that the bias setting applies to the circuit as executed in YOUR radio, they are NOT all the same!---73, KC3VO, Bob Curry
**********From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24720. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-26 03:16:21 UTC
From: kc3vo@aol.com
Topic: 24719 Message: 24720

Also-LOOK at the part numbers of the output devices in your OLD vs NEW radios, (Finals, on bottom of radio) They are very likely totally DIFFERENT devices, and REQUIRE different bias settings.-73, KC3VO.
**********From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24721. Re: [FT897] dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 10:30:22 UTC
From: P Grant
Topic: 24718 Message: 24721

Hi David,
It's a learning programme, a self training exercise.
Read your AT897 tuner manual.
"The only dumb question, in life, is the one no body asks"
Hope to work you soon on 50 Megs when
conditions are optimum.
Best 73 from IO63TX.
de Peter EI4HX _._
ei4hxperimental@...
~~~~ o ~

----- Original Message -----
From: david
To: FT897@yahoogroups.com
Sent: Monday, January 26, 2009 2:24 AM
Subject: [FT897] dumb question about at 897 tuner

hi all
i am using the at 897 tuner with my 897d rig and was wondering, do i
need to put the tuner in bypass mode when i hook to a 6 meter ant or
will it let the rig send the signal to the ant if i do nothing at all
to the tuner? having read about the so239 on the tuner getting loose
from being connected and disconnected alot i dont disconnect my coax
jumpers from it i disconnect them from my window plate ant connectors
and leave the coax jumpers hooked to the rig.
thanks and 73
david

[Non-text portions of this message have been removed]
~~~~

24722. Re: [FT897] "All that power"? (reasons/usage of amplifiers)

Yahoo group: FT897 (2009)
Date: 2009-01-26 13:39:22 UTC
From: Sayeed Ghani
Topic: 24707 Message: 24722

Dear Bob

I quote the following from your e-mail below.

"I have configured similar radios for back-pack portable and motorcycle mobile, all capable of high-power (500 watts or more) operation. YES, I have a >500 watt capable, H.F."Back-Pack" walkie-talkie! I demonstrated it at the last DAYTON HAMVENTION, and NO, the battery is NOT very big or heavy, as it is a very powerful, 8 pound, lithium-polymer unit, that allows at least one hour of communications"

Can you please enlighten us with what equipment you are using, and the names of their manufacturer.

Many thanks.

http://www.OptimumSystemDesigners.com

Yours sincerely

Sayeed N Ghani   KC2SLS

****
******
****
******

--- On Sat, 1/24/09, kc3vo@... <kc3vo@...> wrote:

From: kc3vo@... <kc3vo@...>
Subject: [FT897] "All that power"? (reasons/usage of amplifiers)
To: charles.mintoff@...
Cc: FT897@yahoogroups.com
Date: Saturday, January 24, 2009, 2:07 AM

Although my station can be operated at the U.S.A. legal limit of 1,500 watts, I do not always use that level. As stated, power may be adjusted by changing drive level, (or turning the amp off) Having the ability to increase power is very important if band conditions are poor, or the receiving station is experiencing noise or other interference, which must be overcome for effective communication. In keeping with amateur radios use as an "EMERGENCY COMMUNICATIONS" facility for times of disaster, the ability to operate at higher power can compensate for a poor or damaged antenna, and enable reception by stations that may have poor or damaged antennas, or high noise levels, when lower power would not be effective. Think about it-if your life depended on getting a message across, and there were two similar radio facilities, one operating at 10 watts, and the other operating at 1,500 watts, which would you entrust your critical message to? In keeping with emergency preparedness, my entire station can also operate at full power, from batteries charged via solar energy

or generator, if A.C. mains power fails or is not available. I have configured similar radios for back-pack portable and motorcycle mobile, all capable of high-power (500 watts or more) operation. YES, I have a >500 watt capable, H.F."Back-Pack" walkie-talkie! I demonstrated it at the last DAYTON HAMVENTION, and NO, the battery is NOT very big or heavy, as it is a very powerful, 8 pound, lithium-polymer unit, that allows at least one hour of communications at 500 watts output. Remember also, that 1,500 watts into a dipole is about the same radiated strength as 75 watts into a 13 db gain beam antenna, and there are times and places where installing the beam antenna is not possible, but erecting a dipole or vertical, or using a mobile whip, is possible-in these cases, availability of higher power is an asset, because although signals can often be RECEIVED on poor/makeshift antennas, transmitting is not as effective.By using high power, communications can be MUCH more reliably accomplished in cases where less than ideal antennas must be utilized, such as portable or emergency situations. 73, KC3VO-Bob Curry
********** **From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com? ncid=emlcntaolco m00000023)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24723. Re: [FT897] "All that power"? (reasons/usage of amplifiers)

Yahoo group: FT897 (2009)
Date: 2009-01-26 14:26:15 UTC
From: Bill Husted
Topic: 24707 Message: 24723

Here's a Web page from his demonstration at Dayton (I just got interested in the online conversation so I Googled it).

http://mw0idx.co.uk/kc3vomobile.html

Bill KQ4YA

----- Original Message -----
From: Sayeed Ghani
To: FT897@yahoogroups.com
Cc: kc3vo@... ; ghanisn@...
Sent: Monday, January 26, 2009 8:39 AM
Subject: Re: [FT897] "All that power"? (reasons/usage of amplifiers)

Dear Bob

I quote the following from your e-mail below.

"I have configured similar radios for back-pack portable and motorcycle mobile, all capable of high-power (500 watts or more) operation. YES, I have a >500 watt capable, H.F."Back-Pack" walkie-talkie! I demonstrated it at the last DAYTON HAMVENTION, and NO, the battery is NOT very big or heavy, as it is a very powerful, 8 pound, lithium-polymer unit, that allows at least one hour of communications"

Can you please enlighten us with what equipment you are using, and the names of their manufacturer.

Many thanks.

http://www.OptimumSystemDesigners.com

Yours sincerely

Sayeed N Ghani KC2SLS

****
******
****
******

--- On Sat, 1/24/09, kc3vo@... <kc3vo@...> wrote:

From: kc3vo@... <kc3vo@...>
Subject: [FT897] "All that power"? (reasons/usage of amplifiers)
To: charles.mintoff@...
Cc: FT897@yahoogroups.com
Date: Saturday, January 24, 2009, 2:07 AM

Although my station can be operated at the U.S.A. legal limit of 1,500 watts, I do not always use that level. As stated, power may be adjusted by changing drive level, (or turning the amp off) Having the ability to increase power is very important if band conditions are poor, or the receiving station is experiencing noise or other interference, which must be overcome for effective communication. In keeping with amateur radios use as an "EMERGENCY COMMUNICATIONS" facility for times of disaster, the ability to operate at higher power can compensate for a poor or damaged antenna, and enable reception by stations that may have poor or damaged antennas, or high noise levels, when lower power would not be effective. Think about it-if your life depended on getting a message across, and there were two similar radio facilities, one operating at 10 watts, and the other operating at 1,500 watts, which would you entrust your critical message to? In keeping with emergency preparedness, my entire station can also operate at full power, from batteries charged via solar energy or generator, if A.C. mains power fails or is not available. I have configured similar radios for back-pack portable and motorcycle mobile, all capable of high-power (500 watts or more) operation. YES, I have a >500 watt capable, H.F."Back-Pack" walkie-talkie! I demonstrated it at the last DAYTON HAMVENTION, and NO, the battery is NOT very big or heavy, as it is a very powerful, 8 pound, lithium-polymer unit, that allows at least one hour of communications at 500 watts output. Remember also, that 1,500 watts into a dipole is about the same radiated strength as 75 watts into a 13 db gain beam antenna, and there are times and places where installing the beam antenna is not possible, but erecting a dipole or vertical, or using a mobile whip, is possible-in these cases, availability of higher power is an asset, because although signals can often be RECEIVED on poor/makeshift antennas, transmitting is not as effective.By using high power, communications can be MUCH more reliably accomplished in cases where less than ideal antennas must be utilized, such as portable or emergency situations. 73, KC3VO-Bob Curry
********** **From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com? ncid=emlcntaolco m00000023)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24724. Re: [FT897] "All that power"? (reasons/usage of amplifiers)-addendum

Yahoo group: FT897 (2009)
Date: 2009-01-26 14:36:04 UTC
From: kc3vo@aol.com
Topic: 24724 Message: 24724

In a message dated 1/26/2009 9:26:49 A.M. Eastern Standard Time,
bhusted@... writes:

http://mw0idx.co.uk/kc3vomobile.html

Actually, there is a small error in the report, the "backpack amp" was not a
modified QUADRA, but instead, I was using a modified TOKYO HY-POWER, model
HL-750B, as the backpack amp, and YES, the QUADRA was used in the MOTORCYCLE
application. 73, and "More Power to you", KC3VO-Bob Curry
**********From Wall Street to Main Street and everywhere in between, stay
up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24725. size matters

Yahoo group: FT897 (2009)
Date: 2009-01-26 16:35:29 UTC
From: adastra_2001
Topic: 24725 Message: 24725

I am going to buy an '897 before spring. Until then, I can only dream about running off too the beach with my vertical and working DX. So, this is in my dream. I want to put a LiPolymer battery (or two)in the compartment in the radio. So this is the question. What are the dimensions of the space provided for the battery? Could one large battery be installed instead of two? Thanks
Bennett, AB2ZJ

24726. Re: question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 17:51:47 UTC
From: Bill
Topic: 24718 Message: 24726

--- In FT897@yahoogroups.com, "david" <txtalboy@...> wrote:
>
> hi all
> i am using the at 897 tuner with my 897d rig and was wondering, do i
> need to put the tuner in bypass mode when i hook to a 6 meter ant or
> will it let the rig send the signal to the ant if i do nothing at
all
> to the tuner? having read about the so239 on the tuner getting loose
> from being connected and disconnected alot i dont disconnect my coax
> jumpers from it i disconnect them from my window plate ant
connectors
> and leave the coax jumpers hooked to the rig.
> thanks and 73
> david
>
Hi David:
You have 2 options.
One is get a diplexor or get a simple antenna swithch (1 in 2 out)
I use a switch backwards to run either a 6 meter ant or switch to my
Gap verticle. The single input is my output to the tuner. $15.
The AT-987 tunes 1.8 thru 54 so it will operate fine.
If you need further info, email me:
k3waw@...

24727. Re: [FT897] dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 17:52:29 UTC
From: Scott Pettigrew
Topic: 24718 Message: 24727

Peter:
How about answering the question that David came here to post? How did you add to the discussion or assist David by telling him, in essence, to "RTFM"?? Sorry if I seem a bit testy, but this is one of my pet peeves. Ham Radio is a hobby where "Elmer-ship" is supposed to be encouraged. What happened to the spirit where one Ham helps out another?

David:

My interpretation of the manual is that the AT-897 has continuous coverage through 54 MHz, so you should be able to use it to tune your antenna. No need to bypass - unless you have other good reasons to do so.

Best Regards -

Scott Pettigrew
N8VSI
scott@...

On Mon, Jan 26, 2009 at 5:30 AM, P Grant <ei4hxperimental@...> wrote:

> Hi David,
> It's a learning programme, a self training exercise.
> Read your AT897 tuner manual.
> "The only dumb question, in life, is the one no body asks"
> Hope to work you soon on 50 Megs when
> conditions are optimum.
> Best 73 from IO63TX.
> de Peter EI4HX _._
> ei4hxperimental@... <ei4hxperimental%40eircom.net>
> ~~~~ o ~
>
>
> ----- Original Message -----
> From: david
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Monday, January 26, 2009 2:24 AM
> Subject: [FT897] dumb question about at 897 tuner
>
> hi all
> i am using the at 897 tuner with my 897d rig and was wondering, do i
> need to put the tuner in bypass mode when i hook to a 6 meter ant or
> will it let the rig send the signal to the ant if i do nothing at all
> to the tuner? having read about the so239 on the tuner getting loose
> from being connected and disconnected alot i dont disconnect my coax
> jumpers from it i disconnect them from my window plate ant connectors

> and leave the coax jumpers hooked to the rig.
> thanks and 73
> david
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

24728. Re: bias settings discussion

Yahoo group: FT897 (2009)
Date: 2009-01-26 17:59:10 UTC
From: Geert Jan de Groot
Topic: 24728 Message: 24728

On 26 Jan 2009 17:15:22 -0000 FT897@yahoogroups.com wrote:
> So I decided to open up the box and check the bias level: A DISASTER !!!!
> The predriver was at 95 mA (should be 30 mA)
> The driver was at 70 mA (should be 20 mA)
> The exciter stage was at 2 x 30 mA (should be 2 x 100 mA)
> The HF final stage was at 550 mA (should be 300 mA)
> The VHF final stage was at 990 mA (should be 300 mA)

You complained about this before, I asked then, didn't get an answer,
so I'm asking again: how can you be sure that the "correct" bias
settings you list are, indeed, correct?

I know some values are listed in the service manual, but,
at the same time, yaesu makes design changes between production
batches, such as using different transistors.

The warning about "design changes" in the service man is for a reason.

So, how can you be sure your list is correct?

Geert Jan

24729. Re: [FT897] Re: bias settings vs DEVICES discussion

Yahoo group: FT897 (2009)
Date: 2009-01-26 18:53:09 UTC
From: kc3vo@aol.com
Topic: 24728 Message: 24729

Be advised, reccomended idling bias currents for FET devices are MUCH HIGHER tha for equivalent bipolar NPN devices in the FT-897. Mitsubishi, the manufacturer of the RD100HHF1 device, reccommends 1 Ampere per device! The figure for the RD70HVF1 device is 2 Amperes each, and the RD60HUF1 is 2.5 amperes per device. Yes, other values may be used, but gain and distortion will vary. Be careful, determine the devices used, and the correct settings for THOSE devices, as all FT-897 or FT-857 radios are NOT the same!
----------73 and good luck, KC3VO-Bob Curry

-----Original Message-----
From: Geert Jan de Groot <pe1hzg@...>
To: FT897@yahoogroups.com
Sent: Mon, 26 Jan 2009 12:59 pm
Subject: [FT897] Re: bias settings discussion

On 26 Jan 2009 17:15:22 -0000 FT897@yahoogroups.com wrote:
> So I decided to open up the box and check the bias level: A DISASTER !!!!
> The predriver was at 95 mA (should be 30 mA)
> The driver was at 70 mA (should be 20 mA)
> The exciter stage was at 2 x 30 mA (should be 2 x 100 mA)
> The HF final stage was at 550 mA (should be 300 mA)
> The VHF final stage was at 990 mA (should be 300 mA)

You complained about this before, I asked then, didn't get an answer, so I'm asking again: how can you be sure that the "correct" bias settings you list are, indeed, correct?

I know some values are listed in the service manual, but, at the same time, yaesu makes design changes between production batches, such as using different transistors.

The warning about "design changes" in the service man is for a reason.

So, how can you be sure your list is correct?

Geert Jan

Yahoo! Groups Links

24730. Re: size matters

Yahoo group: FT897 (2009)
Date: 2009-01-26 19:09:41 UTC
From: nr3r15
Topic: 24725 Message: 24730

Iam not going to answer your question because I don't know.But my opunion is why not play safe and use batteries it was designed for ? Yaesu or W4RT has great batteries. Just my thoughts. I own three FT897's and have the stock or third party batteries and never a problem.
Good luck and you picked a great radio. Spring will be here before you know it.

Larry

24731. Re: dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 19:18:44 UTC
From: Bill
Topic: 24718 Message: 24731

> David:
>
> My interpretation of the manual is that the AT-897 has continuous
coverage
> through 54 MHz, so you should be able to use it to tune your
antenna. No
> need to bypass - unless you have other good reasons to do so.
>
> Best Regards -
>
> Scott Pettigrew
> N8VSI
> scott@...
>
Hi Scott:
I think David has 2 questions.
Having 2 seperate coax's coming in to the shack, one for a 6 meter antenna and the other for an HF antenna, he has to switch coax's to work one or the other antenna.
The diplexor (or triplexor) would eliminate that problem.
Also, a less wxpensive,but manual way to do it is a 2 antenna switch (Daiwa CS-201) will do the job.
No need to unhook the antenna(s) even if the tuner does its job.
I have one antenna on one input and another, HF antenna on the other input and use the single output (actually marked input) to my AT-897.
An inexpensive way to connect more than 1 antenna to a single input on your rig or tuner.
I agree, no question is dumb when your stuck and you need an answer.
Something simple to many of us is a tough one for one who is not familiar.
'cept maybe the continuous question on the IC-7000 forum on TV operation.

73's Scott

By the way David, hopefully you read this post also, Daiwa has a 4 banger that will work the same way with 4 inputs, but your tuner will only tune 1.8 to 54 mhz so be careful althought you can bypass the tuner with a push of a button.

To place your AT-897 in bypass mode, press the Tune button on the front of the AT-897 tuner and quickly release before the red LED comes on (less than a half-second). The tuner will switch to bypass; RF from your FT-897 transceiver will go directly to the antenna with no matching. There are no LED indicators for the bypass mode

Bill
k3waw

24732. Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-26 19:25:00 UTC
From: ridge_bo
Topic: 24719 Message: 24732

OMG,
I have tested my new FT-897D with extremely careful "hearing" on all bands there was no distortion whatsoever (yes, AM/FM/SSB)!
It's like KC3VO said, it depends mostly on the finals (transistors/fet's) used. And there are no two exactly the same FT-897/FT-857 transceivers alike.
It is so easy to conclude that one transceiver that supposed to have a bad BIAS is a blue-print for every transceiver of the same brand/type. Like the FT-817, there were no two identical transceivers with the same settings (as some found out the hard way).
I would recommend to NOT fiddle with the BIAS until you are 100% sure that there IS distortion in the modulation on a particular band(s) AND you are sure the finals are those according to the service manual default settings.

73",
Bo

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> Also-LOOK at the part numbers of the output devices in your OLD vs NEW
> radios, (Finals, on bottom of radio) They are very likely totally DIFFERENT
> devices, and REQUIRE different bias settings.-73, KC3VO.
> **********From Wall Street to Main Street and everywhere in between, stay
> up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)
>
>
> [Non-text portions of this message have been removed]
>

24733. Re: dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-26 20:02:27 UTC
From: Scott Pettigrew
Topic: 24718 Message: 24733

Bill:

I didn't read the second part as a question, but it certainly could have been one!

In any event, good information all around!

Scott
N8VSI

--- In FT897@yahoogroups.com, "Bill" <stykemup@...> wrote:
>
> > David:
> >
> > My interpretation of the manual is that the AT-897 has continuous
> coverage
> > through 54 MHz, so you should be able to use it to tune your
> antenna. No
> > need to bypass - unless you have other good reasons to do so.
> >
> > Best Regards -
> >
> > Scott Pettigrew
> > N8VSI
> > scott@
> >
> Hi Scott:
> I think David has 2 questions.
> Having 2 seperate coax's coming in to the shack, one for a 6 meter
> antenna and the other for an HF antenna, he has to switch coax's to
> work one or the other antenna.
> The diplexor (or triplexor) would eliminate that problem.
> Also, a less wxpensive,but manual way to do it is a 2 antenna switch
> (Daiwa CS-201) will do the job.
> No need to unhook the antenna(s) even if the tuner does its job.
> I have one antenna on one input and another, HF antenna on the other
> input and use the single output (actually marked input) to my AT-
897.
> An inexpensive way to connect more than 1 antenna to a single input
> on your rig or tuner.
> I agree, no question is dumb when your stuck and you need an answer.
> Something simple to many of us is a tough one for one who is not
> familiar.
> 'cept maybe the continuous question on the IC-7000 forum on TV
> operation.
>

> 73's Scott
>
> By the way David, hopefully you read this post also, Daiwa has a 4
> banger that will work the same way with 4 inputs, but your tuner
> will only tune 1.8 to 54 mhz so be careful althought you can bypass
> the tuner with a push of a button.
>
> To place your AT-897 in bypass mode, press the Tune button on the
> front of the AT-897 tuner and quickly release before the red LED
> comes on (less than a half-second). The tuner will switch to bypass;
> RF from your FT-897 transceiver will go directly to the antenna with
> no matching. There are no LED indicators for the bypass mode
>
> Bill
> k3waw
>

24734. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-26 20:20:34 UTC
From: JAMES AMBURN
Topic: 24711 Message: 24734

I have to agree with Bill,KQ4YA, I have had my ft-897D for over three years and take it in my RV and cabin all the time and have had no problems with its operation or complaints in about 10k miles of travel. It is stock except for the D-104 mike with a Heil element.
Jim, N0TUI
----- Original Message -----
From: Bill Husted<mailto:bhusted@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, January 25, 2009 3:05 PM
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

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I'm delighted that I own one. I bought it with the notion of it being - in my case - a fourth rig. I would not buy it as a main station radio. But for a portable rig that is very inexpensive (so that if the airlines destroy it my life can continue without undo hardship, grin), travels well and has done a credible job from various cabins in the wilderness with a dipole thrown up in the trees, I'm actually thrilled. It has easily surpassed what I hoped for when I bought it. There are better rigs at the same size with basically the same features, it's just that the cost for those rigs was more than was sensible for my bank account for a limited purpose radio. I wanted to spend as little as possible for as much as possible. I think - based on that sort of criteria - that the ft-897d has delivered nicely.

Bill KQ4YA
----- Original Message -----
From: "Joe" <wu1z@...<mailto:wu1z%40sbcglobal.net>>
To: <FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>>
Sent: Sunday, January 25, 2009 3:23 PM
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Its this type of stuff that really sours me on Yaesu products. There is no excuse for that type of nonsense. I was going to buy a Yaesu Ft-897-D but I will be darned if I am going to end up a victim of that sort of stuff. I am going with the Icom 7200 instead. I have had great luck with Icom stuff over the years. My Icom 718 is perfect. My handheld the Icom 32AT is 18 years old and going strong. My girlfriend got me a 2 meter handheld a few years ago

and that is great too. Thanks for the info on the bias problems. Joe

--- On Sun, 1/25/09, "Glenn (KØBO)" <yahoo@...<mailto:yahoo%40vambo.org>> wrote:

From: "Glenn (KØBO)" <yahoo@...<mailto:yahoo%40vambo.org>>
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Date: Sunday, January 25, 2009, 2:05 PM

on7wp wrote:
> WARNING about the lousy quality control at the yaesu factories !!!
>
> Yaesu has very low quality standards and sells time bombs type FT857
> FT897 !
>
> Almost incredible ! After reading for the last 5 years about problems
> with bias of Yaesu FT-857 FT-897 radios I just came home with my brand
> new (2008J series) second FT 857 radio and found out the hard way they
> did nothing to improve this at all.
>
> While testing it on the lab bench auditory tests revealed a not so
> beautiful modulation.
>
> So I decided to open up the box and check the bias level: A DISASTER !!!!
>
> The predriver was at 95 mA (should be 30 mA)
> The driver was at 70 mA (should be 20 mA)
> The exciter stage was at 2 x 30 mA (should be 2 x 100 mA)
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> The VHF final stage was at 990 mA (should be 300 mA)
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> If I wouldn't have opened it I would have blown my VHF final stage at
> the first contest, as these currents even increase when heating up. Al
> values above were for a cold radio straight out of the box.
>
> I also would like to add the fact that those Japanese engineers don't
> know yet that we all are using 3 kHz FM deviation (unit was adjusted
> at 5,5 kHz) and a low CTCSS deviation of max 450 Hz deviation (was at
> 1 kHz adjusted).
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> The only thing I can conclude from this bad experience is that
> virtually nobody at the Yaesu Plant or Yaesu design centre speaks
> English or bothers reading reviews or mod sites in order to see what
> is severely wrong with their products and do something about it.
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> So if you also have a FT857 FT897 and you get complaints about rotten
> modulation, have somebody check out your radio for these bias
> problems. There are plenty of resources on the web explaining how to.
> If you are not familiar with SMD stuff please don't try this at
home.

> You can easily toast your radio if you are not a radio whizzz like me.
>
> Pedro M.J. Wyns ON7WP - AA9HX
>
> PS today 24/1/2009 another yaesu FT897 was checked from a different
> batch and another shop and guess what... finals far too high,
> predriver far too low...bad sound...
> luckily or unfortunately most hams don't hear the distortion...they
> are completely deaf...(or dumb ???)

You should note...

Not all of the FT897 and FT857s have the same transistors

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

24735. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-26 20:33:36 UTC
From: kc3vo@aol.com
Topic: 24711 Message: 24735

Since we have not heard more from the "disgruntled customer" Perhaps
he did further research, and found that he was using the incorrect
proceedure??? It is easy to do, if you are unaware of the fact that
there are different circuits and parts used.--73, KC3VO-Bob Curry

-----Original Message-----
From: JAMES AMBURN <james.amburn@...>
To: FT897@yahoogroups.com
Sent: Mon, 26 Jan 2009 3:20 pm
Subject: Re: [FT897] Yaesu has very poor quality control at the
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From: "Joe" <wu1z@...<mailto:wu1z%40sbcglobal.net>>
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To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Date: Sunday, January 25, 2009, 2:05 PM

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Yahoo! Groups Links

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Yahoo! Groups Links

24736. Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-26 20:47:30 UTC
From: Florentin Nastase
Topic: 24711 Message: 24736

My "new" FT857D was a disaster, 4 years ago, all the bias settings factory was wrong.
TNX DG2IAQ who put some considerations on the forum.
Sorry for my english language...and GL in bias (idle) adjustment!
73's
Florentin YO9BXC.

--- On Mon, 1/26/09, kc3vo@... <kc3vo@...> wrote:

From: kc3vo@... <kc3vo@...>
Subject: Re: [FT897] Yaesu has very poor quality control at the factory: bias settings sucks !!!
To: FT897@yahoogroups.com
Date: Monday, January 26, 2009, 12:33 PM

Since we have not heard more from the "disgruntled customer" Perhaps
he did further research, and found that he was using the incorrect
proceedure?? ? It is easy to do, if you are unaware of the fact that
there are different circuits and parts used.--73, KC3VO-Bob Curry

-----Original Message-----
From: JAMES AMBURN <james.amburn@ msn.com>
To: FT897@yahoogroups. com
Sent: Mon, 26 Jan 2009 3:20 pm
Subject: Re: [FT897] Yaesu has very poor quality control at the
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Jim, N0TUI
----- Original Message -----
From: Bill Husted<mailto:bhusted@bellsouth. net>
To: FT897@yahoogroups. com<mailto:FT897@yahoogroups. com>
Sent: Sunday, January 25, 2009 3:05 PM
Subject: Re: [FT897] Yaesu has very poor quality control at the
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----- Original Message -----
From: "Joe" <wu1z@sbcglobal. net<mailto:wu1z% 40sbcglobal. net>>
To: <FT897@yahoogroups. com<mailto:FT897% 40yahoogroups. com>>
Sent: Sunday, January 25, 2009 3:23 PM
Subject: Re: [FT897] Yaesu has very poor quality control at the
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Subject: Re: [FT897] Yaesu has very poor quality control at the
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To: FT897@yahoogroups. com<mailto:FT897% 40yahoogroups. com>
Date: Sunday, January 25, 2009, 2:05 PM

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24737. Re: size matters

Yahoo group: FT897 (2009)
Date: 2009-01-26 21:11:18 UTC
From: adastra_2001
Topic: 24725 Message: 24737

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
> Iam not going to answer your question because I don't know.But my opunion is why not play safe and use batteries it was designed for ? Yaesu or W4RT has great batteries. Just my thoughts. I own three FT897's and have the stock or third party batteries and never a problem.
> Good luck and you picked a great radio. Spring will be here before you know it.
>
> Larry
>
Using the stock type battery is not a terrible option. I've considered it, but I'd like to see if I can squeeze a few more Watt hours of capacity into the space provided. After all, if i am away from a recharge point I'd like to be able to run for as long as possible. I want a laptop that will run for 48 hours on its batteries, I'm not holding my breath on that one. Besides, technological progress comes from pushing the envelope. That is why we are Hams.
Bennett AB2ZJ

24738. Re: Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-26 21:39:18 UTC
From: adastra_2001
Topic: 24711 Message: 24738

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> Since we have not heard more from the "disgruntled customer" Perhaps
> he did further research, and found that he was using the incorrect
> proceedure??? It is easy to do, if you are unaware of the fact that
> there are different circuits and parts used.--73, KC3VO-Bob Curry
>
Is there a way to know what the proper bias is for the unit you own? I don't fully fault Yaesu, it is hard to maintain settings in a product made of physical parts. Just read Consumer Reports and see how many defects cars come with from the dealer. Even the "perfect" Japanese cars have 10 or more defects.
Bennett AB2ZJ

24739. Re: Yaesu has very poor quality control at the factory: bias settings sucks !!!

Yahoo group: FT897 (2009)
Date: 2009-01-26 22:03:42 UTC
From: Bram
Topic: 24711 Message: 24739

--- In FT897@yahoogroups.com, "adastra_2001" <adastra_2001@...> wrote:
>
> --- In FT897@yahoogroups.com, kc3vo@ wrote:
> >
> > Since we have not heard more from the "disgruntled customer" Perhaps
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> made of physical parts. Just read Consumer Reports and see how many
> defects cars come with from the dealer. Even the "perfect" Japanese
> cars have 10 or more defects.
> Bennett AB2ZJ
>
I bought my ft-897D 4 years ago an i can say i trashed the nuts out of it.
no problems what so ever , i didn't check any factory settings it was
wide banded(from the dealer) it transmits all freq's capable also 11m
, the rig performs fine , no reports of distorted modulation some
settings are changed as for the carrier freqs , no settings changed in
hidden menu's bla bla.
just leave it original and it will outlive you

bram peek
PE2EK

24740. desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-26 04:36:33 UTC
From: kd8jnh
Topic: 24740 Message: 24740

I am fairly new to ham radio and I was woundering if the 897 would accept a studio style microphone and if so how can it be wired to a foot key switch. 73's Jerry

24741. Re: [FT897] Re: size matters

Yahoo group: FT897 (2009)
Date: 2009-01-27 00:00:50 UTC
From: David Kb7uns
Topic: 24725 Message: 24741

I would say go here and read some of the reasons on why you need to be careful with freshly charged LION batteries

http://www.ka7oei.com/ft817_roar.html

David Kb7uns

----- Original Message -----
From: "adastra_2001" <adastra_2001@...>
To: <FT897@yahoogroups.com>
Sent: Monday, January 26, 2009 1:11 PM
Subject: [FT897] Re: size matters

> --- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
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> Yahoo! Groups Links
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24742. Re: [FT897] dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-27 00:25:34 UTC
From: P Grant
Topic: 24718 Message: 24742

----- Original Message -----
From: P Grant
To: FT897@yahoogroups.com
Sent: Monday, January 26, 2009 10:30 AM
Subject: Re: [FT897] dumb question about at 897 tuner

Hi David,
This is my second reply to this post !
Scott has given you the answer he deems as the reply to the question you asked.

I thaught you were refering to an antenna cut for 50 Megs ???

I will once again answer your question, no, David, it was not a stupid question.
If you have a 6M antenna "hooked up" to the FT897 via the LD897 tuner, you have the option to , 1) do nothing with the antenna cables, 2) switch on the tuner and let it find best SWR for the frequency you want to start transmitting
or 3) leave the LD897 switched on , but put it into by pass mode.
If the 50 MHz antenna is a factory made one, and is erected in "clear space" , it should cover the bandwidth of the Amature Frequency allocation.
To go a little further Scott, if David was using say a 40 M di-pole through the LD897 tuner, it would be common practice to erect another di-pole say for17M at right angles to the 40M one,,, and feed them both with the same Co-Ax cable. !! Agreed ??
So lets take amnother situation... David has a nice 65M long wire at 35 feet high down the back garden, and working well through the LD897 on all his favourite bands. Can he now connect the co-ax from the long wire and the co-ax from his nice store bought 50 MHz antenns, TOGETHER..... well if the same pole is used to support the 50MHz ant. and the feed point of the long wire, he can get away with the one run of co-axial feeder. Taking another look at the situation ,,, could he now connect in an antenna for 2M band, as it is a (near perfect) harmonic of 50MHz.. well of course he might, and so on and so on, if he keeps puting up various dipoles, he will come to a situation where he can dis connect the LD897 and not spoil that nice looking FT897, he is so proud of.
David could also buy a second user volume of the ARRL antenna book at a swap meet for a couple of $$$, and also start a bit of homebrew, on an antenna "matcher",,,,,,, hey if I keep typing David will have no time to work DX as he will be building a first effort of an 80M CW , QRP Rig and taking maximum pleasure from doiong so.
That done he will be in good shape to read and understand any radio manual he comes across.
73 and good night,,,,,,,, de Peter EI4HX _._ _._
ei4hxperimental@...
~~~ o
----- Original Message -----
From: david
To: FT897@yahoogroups.com
Sent: Monday, January 26, 2009 2:24 AM
Subject: [FT897] dumb question about at 897 tuner
~~~

hi all
i am using the at 897 tuner with my 897d rig and was wondering, do i need to put the tuner in bypass mode when i hook to a 6 meter ant or will it let the rig send the signal to the ant if i do nothing at all to the tuner? having read about the so239 on the tuner getting loose from being connected and disconnected alot i dont disconnect my coax jumpers from it i disconnect them from my window plate ant connectors and leave the coax jumpers hooked to the rig.
thanks and 73
david

[Non-text portions of this message have been removed]

24743. Re: size matters

Yahoo group: FT897 (2009)
Date: 2009-01-27 00:26:24 UTC
From: adastra_2001
Topic: 24725 Message: 24743

--- In FT897@yahoogroups.com, "David Kb7uns" <davidkb7uns@...> wrote:
>
> I would say go here and read some of the reasons on why you need to
be
> careful with freshly charged LION batteries
>
> http://www.ka7oei.com/ft817_roar.html
>
> David Kb7uns
Dangers noted and I was aware of the rough road ahead. But nothing
worthwhile is easy.
Bennett AB2ZJ

24744. Re: [FT897] Re: dumb question about at 897 tuner

Yahoo group: FT897 (2009)
Date: 2009-01-27 01:27:37 UTC
From: david grigg
Topic: 24718 Message: 24744

hi all
thanks for the info it will help. actually i started thinking today about the ant switch. just fyi i am running a g5rv for hf a 2 element diamond for 6 meters amd a dual band 2meter/440 vertical for vhf/uhf.
73 all around
david kb5miq

--- On Mon, 1/26/09, Scott Pettigrew <scott@scottkuma.net> wrote:

From: Scott Pettigrew <scott@...>
Subject: [FT897] Re: dumb question about at 897 tuner
To: FT897@yahoogroups.com
Date: Monday, January 26, 2009, 2:02 PM

Bill:

I didn't read the second part as a question, but it certainly could have been one!

In any event, good information all around!

Scott
N8VSI

--- In FT897@yahoogroups. com, "Bill" <stykemup@.. .> wrote:
>
> > David:
> >
> > My interpretation of the manual is that the AT-897 has continuous
> coverage
> > through 54 MHz, so you should be able to use it to tune your
> antenna. No
> > need to bypass - unless you have other good reasons to do so.
> >
> > Best Regards -
> >
> > Scott Pettigrew
> > N8VSI
> > scott@
> >
> Hi Scott:
> I think David has 2 questions.
> Having 2 seperate coax's coming in to the shack, one for a 6 meter
> antenna and the other for an HF antenna, he has to switch coax's to
> work one or the other antenna.
> The diplexor (or triplexor) would eliminate that problem.
> Also, a less wxpensive,but manual way to do it is a 2 antenna switch

> (Daiwa CS-201) will do the job.
> No need to unhook the antenna(s) even if the tuner does its job.
> I have one antenna on one input and another, HF antenna on the other
> input and use the single output (actually marked input) to my AT-
897.
> An inexpensive way to connect more than 1 antenna to a single input
> on your rig or tuner.
> I agree, no question is dumb when your stuck and you need an answer.
> Something simple to many of us is a tough one for one who is not
> familiar.
> 'cept maybe the continuous question on the IC-7000 forum on TV
> operation.
>
> 73's Scott
>
> By the way David, hopefully you read this post also, Daiwa has a 4
> banger that will work the same way with 4 inputs, but your tuner
> will only tune 1.8 to 54 mhz so be careful althought you can bypass
> the tuner with a push of a button.
>
> To place your AT-897 in bypass mode, press the Tune button on the
> front of the AT-897 tuner and quickly release before the red LED
> comes on (less than a half-second) . The tuner will switch to bypass;
> RF from your FT-897 transceiver will go directly to the antenna with
> no matching. There are no LED indicators for the bypass mode
>
> Bill
> k3waw
>

[Non-text portions of this message have been removed]

24745. Using 897 with Icom R-75 rx

Yahoo group: FT897 (2009)
Date: 2009-01-27 05:08:10 UTC
From: tenorman1952
Topic: 24745 Message: 24745

I have a friend with an NIB Icom IC-R75-02 (w/ factory DSP and Sync-AM modules) available for a good price. I'm trying to help him sell it, but also considering picking it up for myself. There are times I would like to monitor one frequency while actively using another.

I had an R-75 in the past. There is an RCA phono jack on the back that if shorted, "Mutes audio outputs and attenuates the receive signal input when grounded. Used for CI-V transceive operation with a transceiver."

Is there a way to trigger this, ground that jack, from the FT-897 when the 897 is transmitting?

I found this in the FT-897 operating manual:

"The rear-panel CAT/LINEAR jack is an 8-pin, miniature DIN type, with the "TX GND" pin providing a closure to ground on transmit, for T/R control of your linear amplifier."

Would it be a simple matter of making up a cable with 8-pin DIN on one end, and connecting to the appropriate pins to a RCA phono plug to mute the Icom R75 when the FT-897 is transmitting?

Paul
AE5JU

24746. Re: [FT897] Using 897 with Icom R-75 rx

Yahoo group: FT897 (2009)
Date: 2009-01-27 12:14:06 UTC
From: Jim Coon
Topic: 24745 Message: 24746

That should work. You might want to make sure the two radios are grounded at least to each other so you don;t have voltages present, static or otherwise, as you connect the plugs.

tenorman1952 wrote:
>
> I have a friend with an NIB Icom IC-R75-02 (w/ factory DSP and Sync-
> AM modules) available for a good price. I'm trying to help him sell
> it, but also considering picking it up for myself. There are times I
> would like to monitor one frequency while actively using another.
>
> I had an R-75 in the past. There is an RCA phono jack on the back
> that if shorted, "Mutes audio outputs and attenuates the receive
> signal input when grounded. Used for CI-V transceive operation with a
> transceiver."
>
> Is there a way to trigger this, ground that jack, from the FT-897
> when the 897 is transmitting?
>
> I found this in the FT-897 operating manual:
>
> "The rear-panel CAT/LINEAR jack is an 8-pin, miniature DIN type, with
> the "TX GND" pin providing a closure to ground on transmit, for T/R
> control of your linear amplifier."
>
> Would it be a simple matter of making up a cable with 8-pin DIN on
> one end, and connecting to the appropriate pins to a RCA phono plug
> to mute the Icom R75 when the FT-897 is transmitting?
>
> Paul
> AE5JU
>
>

24747. Re: desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-27 16:51:31 UTC
From: Mike Yancey
Topic: 24740 Message: 24747

--- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@...> wrote:
>
> I am fairly new to ham radio and I was woundering if the 897 would
> accept a studio style microphone and if so how can it be wired to a
> foot key switch. 73's Jerry

I'm sure it could be setup that way; some small amount of
'finagling' may be required..

You're mic needs to be 600 ohm impedance, and it's connector
either would need to be converted to the 'new' modular jack
style or a 'pigtail' converter could be used to convert from
'whatever' style to modular.

Otherwise, I'm sure Heil can provide such a mic with the
correct connector for you (http://www.heilsound.com/amateur/).

Second part - PTT is available at the Data jack. It's a 6-pin
min-din. I usually avoid soldering to tiny pins by buying a
mouse-extension cable (usually has all 6 pins straight thru),
cut off one end (or cut in two, providing TWO potential data
cables!). Your foot switch will just need to short the PTT pin
with ground.

I've used the older Yaesu MD-1C8 Desk mic (with my own
pin-out converter built from an end of CAT-5 cable), and
now I use the Yaesu MD-100A8X and both have great audio.

Mike Yancey
KM5Z
Dallas, Texas

24748. Re: [FT897] Using 897 with Icom R-75 rx

Yahoo group: FT897 (2009)
Date: 2009-01-27 18:12:55 UTC
From: "Glenn (KØBO)"
Topic: 24745 Message: 24748

tenorman1952 wrote:
> I have a friend with an NIB Icom IC-R75-02 (w/ factory DSP and Sync-
> AM modules) available for a good price. I'm trying to help him sell
> it, but also considering picking it up for myself. There are times I
> would like to monitor one frequency while actively using another.
>
> I had an R-75 in the past. There is an RCA phono jack on the back
> that if shorted, "Mutes audio outputs and attenuates the receive
> signal input when grounded. Used for CI-V transceive operation with a
> transceiver."
>
> Is there a way to trigger this, ground that jack, from the FT-897
> when the 897 is transmitting?
>
> I found this in the FT-897 operating manual:
>
> "The rear-panel CAT/LINEAR jack is an 8-pin, miniature DIN type, with
> the "TX GND" pin providing a closure to ground on transmit, for T/R
> control of your linear amplifier."
>
> Would it be a simple matter of making up a cable with 8-pin DIN on
> one end, and connecting to the appropriate pins to a RCA phono plug
> to mute the Icom R75 when the FT-897 is transmitting?
>

The R-75 would not be T-ed off the same antenna, will it?

24749. Trim the original post, please

Yahoo group: FT897 (2009)
Date: 2009-01-27 18:45:32 UTC
From: caltwegg
Topic: 24749 Message: 24749

Fellow 897'ers:

Many of us read this list in digest form; that is a whole collection of posts are sent out as a single email. I've noticed many responses which include the full original email to which they are responding and some that even include the full responses and original email. It goes on and on, usually with poor line breaks, until we get to the postee's response: "I agree." or something like that.

Please, when you respond to a post, trim out all the material that isn't immediately relevant to your answer. There's a lot of good information you're offering and it often gets lost in the dreck of the earlier messages.

Thanks,

73

Chris Altwegg
K7BRK

24750. Re: [FT897] Using 897 with Icom R-75 rx-CAREFUL!

Yahoo group: FT897 (2009)
Date: 2009-01-27 18:54:27 UTC
From: kc3vo@aol.com
Topic: 24750 Message: 24750

In addition to muting your "separate receiver" during transmit, you ALSO need to disconnect the antenna, to protect the receiver from high-level transmitted R.F., as muting alone will NOT protect against high R.F. levels, only keeps you from being annoyed by feedback/noise.--73, KC3VO, Bob Curry
**********From Wall Street to Main Street and everywhere in between, stay up-to-date with the latest news. (http://aol.com?ncid=emlcntaolcom00000023)

[Non-text portions of this message have been removed]

24751. Re: desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-28 18:43:10 UTC
From: Bill Barron
Topic: 24740 Message: 24751

Yes; get the Heil mic adapter for the microphone you
intend to attach to the 897. Footpedals readily available
from Henry Radio at eBay.

To see a setup; go to www.w1wab.com.

73,
Bill W1WAB

--- In FT897@yahoogroups.com, "Mike Yancey" <mikeyancey@...> wrote:
>
> --- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@> wrote:
> >
> > I am fairly new to ham radio and I was woundering if the 897
would
> > accept a studio style microphone and if so how can it be wired
to a
> > foot key switch. 73's Jerry
>
> I'm sure it could be setup that way; some small amount of
> 'finagling' may be required..
>
> You're mic needs to be 600 ohm impedance, and it's connector
> either would need to be converted to the 'new' modular jack
> style or a 'pigtail' converter could be used to convert from
> 'whatever' style to modular.
>
> Otherwise, I'm sure Heil can provide such a mic with the
> correct connector for you (http://www.heilsound.com/amateur/).
>
> Second part - PTT is available at the Data jack. It's a 6-pin
> min-din. I usually avoid soldering to tiny pins by buying a
> mouse-extension cable (usually has all 6 pins straight thru),
> cut off one end (or cut in two, providing TWO potential data
> cables!). Your foot switch will just need to short the PTT pin
> with ground.
>
> I've used the older Yaesu MD-1C8 Desk mic (with my own
> pin-out converter built from an end of CAT-5 cable), and
> now I use the Yaesu MD-100A8X and both have great audio.
>
> Mike Yancey
> KM5Z
> Dallas, Texas
>

24752. Re: Using 897 with Icom R-75 rx

Yahoo group: FT897 (2009)
Date: 2009-01-28 18:46:53 UTC
From: tenorman1952
Topic: 24745 Message: 24752

> > Would it be a simple matter of making up a cable with 8-pin DIN on
> > one end, and connecting to the appropriate pins to a RCA phono plug
> > to mute the Icom R75 when the FT-897 is transmitting?
> >
>
> The R-75 would not be T-ed off the same antenna, will it?

Certainly not! Probably a loop.

Paul
AE5JU

24753. Re: Using 897 with Icom R-75 rx-CAREFUL!

Yahoo group: FT897 (2009)
Date: 2009-01-28 18:47:55 UTC
From: tenorman1952
Topic: 24750 Message: 24753

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> In addition to muting your "separate receiver" during transmit, you
ALSO
> need to disconnect the antenna, to protect the receiver from high-
level
> transmitted R.F., as muting alone will NOT protect against high R.F.
levels, only
> keeps you from being annoyed by feedback/noise.--73, KC3VO, Bob Curry

Was thinking about a separate loop type rx antenna.

Paul
AE5JU

24754. Re: [FT897] Re: desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-28 18:57:33 UTC
From: Larry D. Barr
Topic: 24740 Message: 24754

Footswitch also available from Heil...

73,
ldb
K5WLF

Bill Barron wrote:
> Yes; get the Heil mic adapter for the microphone you
> intend to attach to the 897. Footpedals readily available
> from Henry Radio at eBay.
>
> To see a setup; go to www.w1wab.com.
>
> 73,
> Bill W1WAB

24755. FNB-78 connector

Yahoo group: FT897 (2009)
Date: 2009-01-29 14:59:40 UTC
From: dg8fdd
Topic: 18724 Message: 24755

where to buy the counterpart wired to the connector from an FNB-78
any ideas?
thanks
juergen

24756. Re: Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-30 03:41:27 UTC
From: dyarnes1
Topic: 24652 Message: 24756

Hi Gordon,

I'm slow getting back to you, but I was out of internet reach for over a week. In fact, i was hob-knobing with my friend Vern Wright, W6MMA in Quartzsite, AZ at a hamfest.

The MP-1 will give you good results if you set it up with some care and consideration. A good ground system is the key. By all means use the radial system supplied, but I would even add more to it if at all possible--the more the better!!!! I have used the MP-1 system a bunch, and with very good results. I like to add at least one more rod under the coil if possible. I always add more than the basic amount of radials, and it doesn't have to be a big deal--just put more of the same thing on the ground side.

You instinct is correct as to getting an antenna analyzer. Particularly with a system like the MP-1, which can be adjusted to a resonant point. What you really want to know is where to set the antenna coil so that you have a minimum SWR reading. That point would be close to resonance. An antenna analyzer will help you find this point very quickly. An antenna tuner, on the other hand, simply takes what setting you have and tries to make the most of it. That isn't the best way to do it. You may get the tuner to adjust your load so the transceiver is happy, but the antenna may not be set to the most efficient point. That's a significantly different process, and not what you want to do if you can actually adjust the antenna itself to a better setting.

My suggestion of adding rods under the coil helps to find that resonant point by using less of the coil. The less you have to rely on the coil the better. A longer whip section (stinger) helps too. Anything that allows you to use less of the coil, the better the efficiency of the antenna. The better your ground system is, the better your efficiency also.

There are several antenna analyzers out there. The MFJ 259B (or 269) is currently the most popular and inexpensive. It is a tool that every ham should have if they do any antenna work at all! By all means, spend the money to have one. There are better ones out there, but the MFJ will do nicely in nearly all situations.

Play around with the MP-1 system to see if you can't find a better set-up. Try raising the MP-1 off the ground as much as possible too. The higher you get it off the ground, the less you have to rely on radials to balance the system. You will still need radials, but a raised system doesn't need as many. For example, if you can raise it

at least 1/10 wavelength (7 or 8 feet on 20 meters), as few as 4 radials may suffice. However, the 4 radials should be full sized (1/4 wavelength). Remember, you are using a 1/4 wavelength antenna system (the MP-1), and the radials should be approx. 1/4 wavelength as well ideally. When ground mounted though, the rule is that the length is not as important as the number. So a bunch of radials, even much shorter than 1/4 wavelength, is more important than having fewer radials that are 1/4 wavelength long. There is a lot of technical material out there which explains this.

Good luck with your system.

Dave W7AQK

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> Hi.
>
> In the early stages of setting up my first HF outfit--897D linked to a
> Super Antenna. I have no trouble hearing stations on 10 and 20 meters.
> Heard Italy loud and clear on 20 meters. Problem is that no one is
> hearing me.
>
> One suggestion is to drop the counterpoise that comes with the Super
> Antenna and drop a quarter-wave radial out my window. The antenna is
> just inside my apartment window, mounted on a tripod.
>
> I am getting high SWR readings when I transmit and I am getting two
> somewhat opposing sets of advice. One group says to get a tuner. No
> surprise there since I always assumed I would probably need one. I
> intend to get the LDG tuner that mates with the 897
>
> But other people I have talked to tell me what I really want is an
> antenna analyzer rather than a tuner. Not sure I understand the
> difference.
>
> Would anyone like to give me their best advice on tuner vs. analyzer
> to bring down a high SWR reading.
>
> Thanks
>
> Gordon
> K2GLW
>

24757. 60 meter operation problem

Yahoo group: FT897 (2009)
Date: 2009-01-30 21:11:14 UTC
From: maritimus49
Topic: 24757 Message: 24757

Hello All -
I have a problem with accessing the 60 meter channels on my 897D. When I push the V/M button I do get the M-nnn on the dial. However, when I rotate the MEM/VFO CH knob I do not get any change. I have looked in the manual but I can't seem to find out what setting is necessary to get this control to operate. I was under the impression that it is always operating. Any suggestions?

73,
Bruce K6RQR

24758. Re: [FT897] 60 meter operation problem

Yahoo group: FT897 (2009)
Date: 2009-01-30 21:38:16 UTC
From: Peter Robinson
Topic: 24757 Message: 24758

If you would like the hardware wideband info, email me off list.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: maritimus49
To: FT897@yahoogroups.com
Sent: Friday, January 30, 2009 9:11 PM
Subject: [FT897] 60 meter operation problem

Hello All -
I have a problem with accessing the 60 meter channels on my 897D.
When I push the V/M button I do get the M-nnn on the dial. However,
when I rotate the MEM/VFO CH knob I do not get any change. I have
looked in the manual but I can't seem to find out what setting is
necessary to get this control to operate. I was under the impression
that it is always operating. Any suggestions?

73,
Bruce K6RQR

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.552 / Virus Database: 270.10.16/1925 - Release Date: 2009-01-30 07:37

[Non-text portions of this message have been removed]

24759. Re: [FT897] 60 meter operation problem

Yahoo group: FT897 (2009)
Date: 2009-01-31 00:02:43 UTC
From: D F
Topic: 24757 Message: 24759

I have the 857, and changing the "channels" is done with the "Select" knob. Have you tried that? Remember that 60m IS NOT TUNEABLE. You are permitted 5 specific frequencies ONLY and are not allowed to stray from those. Yaesu has made sure of that by pre-loading those frequencies into your radio and preventing you from tuning around in that band. It poses a problem for tuning-up in that you must tune on the frequency you intend to use, instead of the normal way we are used to. Anyway, try the select knob and see if that makes a difference. If this is not what you are looking for, then use may want the wideband mod suggested, however, that is an invite for problems from the FCC if you transmit outside of those assigned frequencies.

I don't "play" on 60m because of the restrictions - USB ONLY, 50 watts ERP (remember that it may take less than the 50 watt setting on the radio to attain ERP - depends on how efficient your antenna is), your signal can't "splatter" more than 2.3 kHz (if I remember right) and it is "channelized" to 5 specific frequencies. All this kind of takes the "fun" out of using that band, so to speak - just my opinion.

From: maritimus49 <maritimus49@...>
To: FT897@yahoogroups.com
Sent: Friday, January 30, 2009 3:11:14 PM
Subject: [FT897] 60 meter operation problem

Hello All -
I have a problem with accessing the 60 meter channels on my 897D.
When I push the V/M button I do get the M-nnn on the dial. However,
when I rotate the MEM/VFO CH knob I do not get any change. I have
looked in the manual but I can't seem to find out what setting is
necessary to get this control to operate. I was under the impression
that it is always operating. Any suggestions?

73,
Bruce K6RQR

[Non-text portions of this message have been removed]

24760. Re: [FT897] 60 meter operation problem

Yahoo group: FT897 (2009)
Date: 2009-01-31 02:47:54 UTC
From: Jim Webster
Topic: 24757 Message: 24760

There isn't a select knob on the 897d. You don't need the mod to get to 60 meters. Read page 23, 45, 60. Make sure you are on vfo A or B and not Mtune before you push the V/M knob.
Jim KI6PYZ

From: D F <n8bmb1@...>
To: FT897@yahoogroups.com
Sent: Friday, January 30, 2009 4:02:43 PM
Subject: Re: [FT897] 60 meter operation problem

I have the 857, and changing the "channels" is done with the "Select" knob. Have you tried that? Remember that 60m IS NOT TUNEABLE. You are permitted 5 specific frequencies ONLY and are not allowed to stray from those. Yaesu has made sure of that by pre-loading those frequencies into your radio and preventing you from tuning around in that band. It poses a problem for tuning-up in that you must tune on the frequency you intend to use, instead of the normal way we are used to. Anyway, try the select knob and see if that makes a difference. If this is not what you are looking for, then use may want the wideband mod suggested, however, that is an invite for problems from the FCC if you transmit outside of those assigned frequencies.

I don't "play" on 60m because of the restrictions - USB ONLY, 50 watts ERP (remember that it may take less than the 50 watt setting on the radio to attain ERP - depends on how efficient your antenna is), your signal can't "splatter" more than 2.3 kHz (if I remember right) and it is "channelized" to 5 specific frequencies. All this kind of takes the "fun" out of using that band, so to speak - just my opinion.

From: maritimus49 <maritimus49@ yahoo.com>
To: FT897@yahoogroups. com
Sent: Friday, January 30, 2009 3:11:14 PM
Subject: [FT897] 60 meter operation problem

Hello All -
I have a problem with accessing the 60 meter channels on my 897D.
When I push the V/M button I do get the M-nnn on the dial. However,
when I rotate the MEM/VFO CH knob I do not get any change. I have
looked in the manual but I can't seem to find out what setting is
necessary to get this control to operate. I was under the impression
that it is always operating. Any suggestions?

73,
Bruce K6RQR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24761. BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-01-31 04:23:20 UTC
From: tenorman1952
Topic: 24761 Message: 24761

Got the BHI DSP installed in my FT-897, works great!

http://www.w4wb.com/BHI/DSP-897.htm

One problem, the control button/led just would not mount on that front right corner of the cover. I fixed that... since I wasn't using the gel cells anyway, and have absolutely no plans to, I removed the A/B battery rocker switch. Just the rocker, not the plastic well. I cut a piece of black textured ABS sheet plastic, glued the button/LED to that with Aleene's 7800 adhesive. That piece is glued into the well where the A/B rocker switch was, and now there is plenty of room and the sunken mounting position protects the switch.

(Aleene's 7800 is a clear, slightly rubbery adhesive that sticks very well to dissimilar materials. E6000 is the same adhesive, but more viscous. Both are found in craft/hobby shops and are necessary items for any workbench.)

To mount the main DSP board, I put a few tabs of double sided tape to hold it generally in position, then put a dab of 7800 on each corner up near the slanted diecast chassis. That anchors that in place. The input/output cable going toward the back of the xcvr is anchored in place with the same adhesive. This stuff is easily cut away and residue removed if necessary.

This DSP performs as advertised, and is far superior to the DSP in the FT-897.

Paul

24762. Re: [FT897] BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-01-31 04:35:50 UTC
From: Joe
Topic: 24761 Message: 24762

I went to the URL and tried to download the install manual but got 'Page Not Found'. I sent an email to the company informing them of the broken link.

I would hope that DSP board would work better...the DSP in the radio is IF DSP, I imagine this one is AF ISP???

Joe Wolfe
WA6RKN

----- Original Message -----
From: "tenorman1952" <tenorman1952@...>
Subject: [FT897] BHI DSP from W4RT

> Got the BHI DSP installed in my FT-897, works great!
>
> http://www.w4wb.com/BHI/DSP-897.htm
>
> This DSP performs as advertised, and is far superior to the DSP in
> the FT-897.
>
> Paul

24763. Re: 60 meter operation problem

Yahoo group: FT897 (2009)
Date: 2009-01-31 05:05:40 UTC
From: Bill
Topic: 24757 Message: 24763

--- In FT897@yahoogroups.com, Jim Webster <jwbstr33@...> wrote:
>
> There isn't a select knob on the 897d. You don't need the mod to get to 60 meters. Read page 23, 45, 60. Make sure you are on vfo A or B and not Mtune before you push the V/M knob.
> Jim KI6PYZ

If the rig has had a complete reset the memories may have been wiped clean. There will be nothing to tune to in the V/M mode.
It has to be re-programmed.
The 897D I have was the same way and I loaded a new RT file and got everything back plus some.
Works great now.
Or
You have to program it the long, manual way.
Bill

24764. Re: [FT897] FNB-78 connector

Yahoo group: FT897 (2009)
Date: 2009-01-31 05:38:32 UTC
From: Jim
Topic: 18724 Message: 24764

are you looking for the plug or the wire harness or what?

dg8fdd wrote:
>
> where to buy the counterpart wired to the connector from an FNB-78
> any ideas?
> thanks
> juergen
>
>

24765. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-27 11:36:31 UTC
From: toto_ 2008
Topic: 24719 Message: 24765

--- On Mon, 1/26/09, ridge_bo <crusader1@...> wrote:

From: ridge_bo <crusader1@...>
Subject: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...
To: FT897@yahoogroups.com
Date: Monday, January 26, 2009, 2:25 PM

OMG,
I have tested my new FT-897D with extremely careful "hearing" on all
bands there was no distortion whatsoever (yes, AM/FM/SSB)!
It's like KC3VO said, it depends mostly on the finals
(transistors/ fet's) used. And there are no two exactly the same FT-
897/FT-857 transceivers alike.
It is so easy to conclude that one transceiver that supposed to have
a bad BIAS is a blue-print for every transceiver of the same
brand/type. Like the FT-817, there were no two identical transceivers
with the same settings (as some found out the hard way).
I would recommend to NOT fiddle with the BIAS until you are 100% sure
that there IS distortion in the modulation on a particular band(s)
AND you are sure the finals are those according to the service manual
default settings.

73",
Bo

--- In FT897@yahoogroups. com, kc3vo@... wrote:
>
> Also-LOOK at the part numbers of the output devices in your OLD vs
NEW
> radios, (Finals, on bottom of radio) They are very likely totally
DIFFERENT
> devices, and REQUIRE different bias settings.-73, KC3VO.
> ********** **From Wall Street to Main Street and everywhere in
between, stay
> up-to-date with the latest news. (http://aol.com?
ncid=emlcntaolcom00 000023)
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

24766. Re: desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-29 01:50:09 UTC
From: kd8jnh
Topic: 24740 Message: 24766

--- In FT897@yahoogroups.com, "Bill Barron" <wabarron@...> wrote:
>
> Yes; get the Heil mic adapter for the microphone you
> intend to attach to the 897. Footpedals readily available
> from Henry Radio at eBay.
>
> To see a setup; go to www.w1wab.com.
>
> 73,
> Bill W1WAB
>
> --- In FT897@yahoogroups.com, "Mike Yancey" <mikeyancey@> wrote:
> >
> > --- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@> wrote:
> > >
> > > I am fairly new to ham radio and I was woundering if the 897
> would
> > > accept a studio style microphone and if so how can it be wired
> to a
> > > foot key switch. 73's Jerry
> >
> > I'm sure it could be setup that way; some small amount of
> > 'finagling' may be required..
> >
> > You're mic needs to be 600 ohm impedance, and it's connector
> > either would need to be converted to the 'new' modular jack
> > style or a 'pigtail' converter could be used to convert from
> > 'whatever' style to modular.
> >
> > Otherwise, I'm sure Heil can provide such a mic with the
> > correct connector for you (http://www.heilsound.com/amateur/).
> >
> > Second part - PTT is available at the Data jack. It's a 6-pin
> > min-din. I usually avoid soldering to tiny pins by buying a
> > mouse-extension cable (usually has all 6 pins straight thru),
> > cut off one end (or cut in two, providing TWO potential data
> > cables!). Your foot switch will just need to short the PTT pin
> > with ground.
> >
> > I've used the older Yaesu MD-1C8 Desk mic (with my own
> > pin-out converter built from an end of CAT-5 cable), and
> > now I use the Yaesu MD-100A8X and both have great audio.
> >
> > Mike Yancey
> > KM5Z

> > Dallas, Texas
> >
>
Great thank every one for the imput . it gave me some great
ideas. 73's

24767. Re: desk mic or boom style !

Yahoo group: FT897 (2009)
Date: 2009-01-28 21:41:59 UTC
From: Denny
Topic: 24740 Message: 24767

--- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@...> wrote:
>
> I am fairly new to ham radio and I was woundering if the 897 would
> accept a studio style microphone and if so how can it be wired to a
> foot key switch. 73's Jerry
>
Jerry:
I have been using my 897D with a Heil GM-V mic and the Heil footswitch they offer. When I purchased the mic I bought the Heil adapter to fit the type of radio that I have. It works Great! I love the Heil footswitch.
You can also run other studio mics but you will need to interface with a small mixer before the radio to get proper impedence. I use a Behringer 1202FX to use my Sure SM58 with the radio.
Hope that helps and have lots of fun with the new rig!
73,
Denny

24768. Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-01-30 21:48:53 UTC
From: Michael Tondee
Topic: 24757 Message: 24768

Hi everyone,
Just as the title subject of the e-mail says, I'm trying to choose between these two radios.
I have no radio at all at present so whatever I get will be my main rig for awhile. These are the only two radios within my reach budget wise at present. I'm just a casual operator, I'm not a serious contester although I do "play" in them quite often just for fun.
My main reason for interest in the 897D is the fact that it covers HF plus 2m and 70cm.
Up until recently I operated on satellites and I might buy the 897D with an eye on eventually getting a second one and having a two radio full duplex sat station. I really have no interest in 2m or 70cm other than that. I cannot afford something such as a TS-2000 or used FT847 or I would go that route.
I feel that the 450 probably has a better receiver and more features for the HF operator than the 897D so I have been toying with the idea of giving up on the sats altogether and going strictly HF with it. I just can't decide. I know a lot of you use the 897D as a portable or a second rig and would not consider it in the role of a "main" station rig so this does give me pause about using it in that manner. Any opinions or suggestions would be most welcome.
Tnx and 73,
Michael, W4HIJ

24769. Re: size matters

Yahoo group: FT897 (2009)
Date: 2009-01-27 17:03:22 UTC
From: Chris
Topic: 24725 Message: 24769

the website below has A LOT of good info but there are Lion batteries
on the market in use every day that have higher than a 3C discharge
rate, just need to know where to look, otherwise 99% of that info is Great

Chris
N3VBN

--- In FT897@yahoogroups.com, "David Kb7uns" <davidkb7uns@...> wrote:
>
> I would say go here and read some of the reasons on why you need to be
> careful with freshly charged LION batteries
>
> http://www.ka7oei.com/ft817_roar.html
>
> David Kb7uns
>
>
>
>
> ----- Original Message -----
> From: "adastra_2001" <adastra_2001@...>
> To: <FT897@yahoogroups.com>
> Sent: Monday, January 26, 2009 1:11 PM
> Subject: [FT897] Re: size matters
>
>
> > --- In FT897@yahoogroups.com, "nr3r15" <nr3r15@> wrote:
> >>
> >> Iam not going to answer your question because I don't know.But my
> > > opunion is why not play safe and use batteries it was designed for ?
> > > Yaesu or W4RT has great batteries. Just my thoughts. I own three
> > > FT897's and have the stock or third party batteries and never a
problem.
> >> Good luck and you picked a great radio. Spring will be here before
> > > you know it.
> >>
> >> Larry
> >>
> > > Using the stock type battery is not a terrible option. I've considered
> > > it, but I'd like to see if I can squeeze a few more Watt hours of
> > > capacity into the space provided. After all, if i am away from a
> > > recharge point I'd like to be able to run for as long as possible. I
> > > want a laptop that will run for 48 hours on its batteries, I'm not
> > > holding my breath on that one. Besides, technological progress comes
> > > from pushing the envelope. That is why we are Hams.

> > Bennett AB2ZJ
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

24770. Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-01-31 08:31:33 UTC
From: tenorman1952
Topic: 24761 Message: 24770

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> I went to the URL and tried to download the install manual but
got 'Page Not
> Found'. I sent an email to the company informing them of the
broken link.
>
> I would hope that DSP board would work better...the DSP in the
radio is IF
> DSP, I imagine this one is AF ISP???
>
> Joe Wolfe
> WA6RKN

Yeah, Joe, I had the same problem. I also notified them. But if you will look in our Files under "BHI DSP module on FT-897D" you will find a pdf and two sound file from KB5LDD. Thanks, KB5LDD!

Yes, this is Audio Freq DSP. It has four levels accessed by pressing a single button, which also turns it on and off. It works better than I imagined. It is money well spent. I'm a very happy customer.

I'll post a photo of mounting the button tomorrow.

Paul
AE5JU

24771. Re: [FT897] FNB-78 connector

Yahoo group: FT897 (2009)
Date: 2009-01-31 08:37:41 UTC
From: KONI
Topic: 18724 Message: 24771

I am looking for a wiretail counterpart for the 3-pin connector of the fnb-78

----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 6:38 AM
Subject: Re: [FT897] FNB-78 connector

are you looking for the plug or the wire harness or what?

dg8fdd wrote:
>
> where to buy the counterpart wired to the connector from an FNB-78
> any ideas?
> thanks
> juergen
>
>

[Non-text portions of this message have been removed]

24772. Re: Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-01-31 11:57:13 UTC
From: willgord
Topic: 24757 Message: 24772

I faced the same decision about six months ago and was persuaded to go with the 897--in part because I could also use it portable. I live in a high rise New York City building and working HF always was going to be problematical. My fall back is taking the rig to Central Park and operating by battery.

The other issues is a belief offered by some that Yaesu had tried to pack too much into the 450--and the cut corners to get the price down. The turning knob is very small compared with the 897 and you can't elevate the 450 as you can with the 897.

While the 897 can work 2 meters and 440, I still use my own Yaesu 7800 for those bands, if only because the 7800 can be controlled from the mic and a comparable mic on the 897 would be an extra cost option.

Still, I don't think you can go wrong with either. We had an expression in my days as a competition pistol shooter than a given gun could shoot better than the shooter could hold. In other words, the gun was capable of better accuracy than a shooter, giver hand shakes, etc. could actually achieve. Either radio is capable of delivering better results than the average operator can actually achieve.

Gordon
K2GLW

--- In FT897@yahoogroups.com, Michael Tondee <mat_62@...> wrote:
>
> Hi everyone,
> Just as the title subject of the e-mail says, I'm trying to choose
> between these two radios.
> I have no radio at all at present so whatever I get will be my main
rig
> for awhile. These are the only two radios within my reach budget
wise at
> present. I'm just a casual operator, I'm not a serious contester
> although I do "play" in them quite often just for fun.
> My main reason for interest in the 897D is the fact that it covers HF
> plus 2m and 70cm.
> Up until recently I operated on satellites and I might buy the 897D
> with an eye on eventually getting a second one and having a two radio
> full duplex sat station. I really have no interest in 2m or 70cm other
> than that. I cannot afford something such as a TS-2000 or used FT847 or
> I would go that route.
> I feel that the 450 probably has a better receiver and more features
> for the HF operator than the 897D so I have been toying with the
idea of

> giving up on the sats altogether and going strictly HF with it. I just
> can't decide. I know a lot of you use the 897D as a portable or a
second
> rig and would not consider it in the role of a "main" station rig so
> this does give me pause about using it in that manner. Any opinions or
> suggestions would be most welcome.
> Tnx and 73,
> Michael, W4HIJ
>

24773. Re: [FT897] Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-01-31 12:58:10 UTC
From: Jim
Topic: 24757 Message: 24773

The display of the 450 makes a big difference. There is nothing like being able to look at all the invormation at the same time instead of going through menus. I found a you tube video that you can look at.

http://www.youtube.com/watch?v=lV80zkQVaqk

Michael Tondee wrote:
>
> Hi everyone,
> Just as the title subject of the e-mail says, I'm trying to choose
> between these two radios.
> I have no radio at all at present so whatever I get will be my main rig
> for awhile. These are the only two radios within my reach budget wise at
> present. I'm just a casual operator, I'm not a serious contester
> although I do "play" in them quite often just for fun.
> My main reason for interest in the 897D is the fact that it covers HF
> plus 2m and 70cm.
> Up until recently I operated on satellites and I might buy the 897D
> with an eye on eventually getting a second one and having a two radio
> full duplex sat station. I really have no interest in 2m or 70cm other
> than that. I cannot afford something such as a TS-2000 or used FT847 or
> I would go that route.
> I feel that the 450 probably has a better receiver and more features
> for the HF operator than the 897D so I have been toying with the idea of
> giving up on the sats altogether and going strictly HF with it. I just
> can't decide. I know a lot of you use the 897D as a portable or a second
> rig and would not consider it in the role of a "main" station rig so
> this does give me pause about using it in that manner. Any opinions or
> suggestions would be most welcome.
> Tnx and 73,
> Michael, W4HIJ
>
>

24774. Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-01-31 16:39:49 UTC
From: tenorman1952
Topic: 24761 Message: 24774

I've posted, in my folder AE5JU in the photos section, a photo of how I mounted the BHI DSP control button.

The A/B battery rocker switch was removed, simply unplugged from the board below it. A pice of textured ABS sheet plastic was glued in place and the switch/LED mounted there with Aleene's 7800 adhesive.

Paul
AE5JU

24775. Re: [FT897] Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-01-31 16:56:47 UTC
From: Jim Webster
Topic: 24757 Message: 24775

Being they are approx. same in price, you might go to your local ham shop and listen to both and play with each. Your right the 897D does cover a few more bands, but if you don't care about uhf/vhf no big problem. I use the 897D as base with a AT-100 Pro auto/tuner. Have not actually compared the receive on the two so can't say which one is best. Regardless of your choice, I would not get the ATU-450 auto tuner with it. LDG makes auto/tuners for about the same price and they cover more freqs. Good luck. Read some reviews on E-ham that might help you with your choice.
Jim KI6PYZ

From: Michael Tondee <mat_62@...>
To: FT897@yahoogroups.com
Sent: Friday, January 30, 2009 1:48:53 PM
Subject: [FT897] Trying to choose between FT-897D and FT-450AT

Hi everyone,
Just as the title subject of the e-mail says, I'm trying to choose between these two radios.
I have no radio at all at present so whatever I get will be my main rig for awhile. These are the only two radios within my reach budget wise at present. I'm just a casual operator, I'm not a serious contester although I do "play" in them quite often just for fun.
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Tnx and 73,
Michael, W4HIJ

[Non-text portions of this message have been removed]

24776. Re: [FT897] Re: Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-01-31 17:33:46 UTC
From: Jim Webster
Topic: 24757 Message: 24776

Good Comment.
JimKI6PYZ

From: willgord <willgord@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 3:57:13 AM
Subject: [FT897] Re: Trying to choose between FT-897D and FT-450AT

I faced the same decision about six months ago and was persuaded to go with the 897--in part because I could also use it portable. I live in a high rise New York City building and working HF always was going to be problematical. My fall back is taking the rig to Central Park and operating by battery.

The other issues is a belief offered by some that Yaesu had tried to pack too much into the 450--and the cut corners to get the price down. The turning knob is very small compared with the 897 and you can't elevate the 450 as you can with the 897.

While the 897 can work 2 meters and 440, I still use my own Yaesu 7800 for those bands, if only because the 7800 can be controlled from the mic and a comparable mic on the 897 would be an extra cost option.

Still, I don't think you can go wrong with either. We had an expression in my days as a competition pistol shooter than a given gun could shoot better than the shooter could hold. In other words, the gun was capable of better accuracy than a shooter, giver hand shakes, etc. could actually achieve. Either radio is capable of delivering better results than the average operator can actually achieve.

Gordon
K2GLW

--- In FT897@yahoogroups. com, Michael Tondee <mat_62@...> wrote:
>
> Hi everyone,
> Just as the title subject of the e-mail says, I'm trying to choose
> between these two radios.
> I have no radio at all at present so whatever I get will be my main
rig
> for awhile. These are the only two radios within my reach budget
wise at
> present. I'm just a casual operator, I'm not a serious contester
> although I do "play" in them quite often just for fun.
> My main reason for interest in the 897D is the fact that it covers HF
> plus 2m and 70cm.

> Up until recently I operated on satellites and I might buy the 897D
> with an eye on eventually getting a second one and having a two radio
> full duplex sat station. I really have no interest in 2m or 70cm other
> than that. I cannot afford something such as a TS-2000 or used FT847 or
> I would go that route.
> I feel that the 450 probably has a better receiver and more features
> for the HF operator than the 897D so I have been toying with the
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> giving up on the sats altogether and going strictly HF with it. I just
> can't decide. I know a lot of you use the 897D as a portable or a
second
> rig and would not consider it in the role of a "main" station rig so
> this does give me pause about using it in that manner. Any opinions or
> suggestions would be most welcome.
> Tnx and 73,
> Michael, W4HIJ
>

[Non-text portions of this message have been removed]

24777. Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 17:39:59 UTC
From: Rob - W1AEX
Topic: 24719 Message: 24777

I have never seen an FT897D transceiver with anything but 2SC5125 devices in the PA stage. Has anyone actually encountered one? The only way to be sure is to pull the bottom cover off and look. The devices are labeled. I realize that Mitsubishi no longer makes them, but unlike the IC-756 Pro III, which also used the 2SC5125, I have not heard of any new PA designs for the 857/897 line. Doesn't mean it didn't happen though. There were rumors that Yaesu might move to the Toshiba 2SC2782 which is a common replacement. I would love to know if the 2SC5125 is no longer used in current production units.

The change in driver devices from the 2SK2975 to the Mitsubishi RD07MVS1 FET devices back about 5 years ago is very well documented, and did change the setup parameters. It also thankfully had a very positive effect on the reliability of the 857/897 rigs.

Regarding the idling current parameters, the bias settings should not vary from unit to unit. Unlike the service menu values, which are unique to each radio due to the range of combined device tolerances, the pre-driver, driver, exciter, and final stages are not unique and need to be running linear to produce a clean signal. The service manual values offered by Yaesu are within the range that puts the devices into linear operation. Sadly, it appears that these settings drift over time, and from what I have seen, they always drift towards cut-off. So, if your rig does not exhibit distortion today, it may tomorrow. As licensed amateurs, we are totally responsible for assuring that our equipment is operating correctly, so if you start getting reports that you sound gritty and distorted, it would be wise to check your driver and PA idling current.

Bob's caveat about not adjusting anything until you know what is inside the radio is very wise advice. If you go to the trouble of doing the bias adjustments, make sure the settings you use apply to your radio.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, toto_ 2008 <toto_2008401@...> wrote:

> OMG,
> I have tested my new FT-897D with extremely careful "hearing" on all
> bands there was no distortion whatsoever (yes, AM/FM/SSB)!
> It's like KC3VO said, it depends mostly on the finals
> (transistors/ fet's) used. And there are no two exactly the same FT-
> 897/FT-857 transceivers alike.
> It is so easy to conclude that one transceiver that supposed to have

> a bad BIAS is a blue-print for every transceiver of the same
> brand/type. Like the FT-817, there were no two identical transceivers
> with the same settings (as some found out the hard way).
> I would recommend to NOT fiddle with the BIAS until you are 100% sure
> that there IS distortion in the modulation on a particular band(s)
> AND you are sure the finals are those according to the service manual
> default settings.
>
> 73",
> Bo
>

24778. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 17:53:20 UTC
From: Jim
Topic: 24719 Message: 24778

If Mitsubishi no longer makes them what happens if I blow the finals?

Rob - W1AEX wrote:
>
> I have never seen an FT897D transceiver with anything but 2SC5125
> devices in the PA stage. Has anyone actually encountered one? The only
> way to be sure is to pull the bottom cover off and look. The devices
> are labeled. I realize that Mitsubishi no longer makes them,
>

24779. Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 18:08:54 UTC
From: Rob - W1AEX
Topic: 24719 Message: 24779

The 2SC5125 is very rugged and the extremely conservative way they are set up in the 857/897 final stage pretty much assures that failures will not be a common event. Yaesu has indicated to those who have inquired that they have plenty of devices stockpiled in their inventory for repair purposes. If that is not reassuring enough, the Toshiba 2SC2782 device has the same power rating, package design, and higher dissipation ratings. It is widely available (even in matched pairs) and is considered a direct replacement.

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> If Mitsubishi no longer makes them what happens if I blow the finals?
>

24780. 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-01-31 19:26:15 UTC
From: kybarney
Topic: 24780 Message: 24780

I was looking at W4RT and saw there are two types of CW filters. The 300HZ filter is advertised for contesting and PSK. Would this also be a good filter for everyday ragchewing or should I go with the 500HZ filter?

Is the 2.3KHZ filter a good option for SSB? I think there are only 2 slots in the radio and you can only have 1 CW and 1 SSB filter, each.

Any input is appreciated.

Thanks,
Kyle

24781. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 19:55:35 UTC
From: Jim
Topic: 24719 Message: 24781

Had a QSO with a guy that said he had an FT-101 and blew the finals in it and was told that they are no longer made.

Rob - W1AEX wrote:
>
> The 2SC5125 is very rugged and the extremely conservative way they are
> set up in the 857/897 final stage pretty much assures that failures
> will not be a common event. Yaesu has indicated to those who have
> inquired that they have plenty of devices stockpiled in their
> inventory for repair purposes. If that is not reassuring enough, the
> Toshiba 2SC2782 device has the same power rating, package design, and
> higher dissipation ratings. It is widely available (even in matched
> pairs) and is considered a direct replacement.
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> <liteways@...> wrote:
> >
> > If Mitsubishi no longer makes them what happens if I blow the finals?
> >
>
>

24782. Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 20:23:49 UTC
From: Rob - W1AEX
Topic: 24719 Message: 24782

Yup, it's been a long time since 6JS6C sweep tubes have been made. But then again, I don't think there's too much demand since (most) televisions today are solid state.

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> Had a QSO with a guy that said he had an FT-101 and blew the finals in
> it and was told that they are no longer made.
>

24783. Re: [FT897] 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-01-31 21:02:46 UTC
From: af2c@njdxa.org
Topic: 24780 Message: 24783

Kyle -

I would go for a good quality 500 Hz filter (INRAD) and utilize the
built-in DSP features of the rig when more filtering is required. There
are certainly enough features in the rig to do more filtering.

It all depends on what you need.

73,
Jay/AF2C

At 07:26 PM 1/31/2009 +0000, you wrote:

>I was looking at W4RT and saw there are two types of CW filters. The
>300HZ filter is advertised for contesting and PSK. Would this also be
>a good filter for everyday ragchewing or should I go with the 500HZ
>filter?
>
>Is the 2.3KHZ filter a good option for SSB? I think there are only 2
>slots in the radio and you can only have 1 CW and 1 SSB filter, each.
>
>Any input is appreciated.
>
>Thanks,
>Kyle
>

24784. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 21:20:46 UTC
From: Jim
Topic: 24719 Message: 24784

Ok, so I got the name of the rig wrong. I remember that it is a yaesu
and has solid state finals. I think MRF something. it's an all band
unit and maybe 8 to 12 years old as I recall. He was topld by Yaesu
that they couldn't get the final transistors any more.

Rob - W1AEX wrote:
>
> Yup, it's been a long time since 6JS6C sweep tubes have been made. But
> then again, I don't think there's too much demand since (most)
> televisions today are solid state.
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> <liteways@...> wrote:
> >
> > Had a QSO with a guy that said he had an FT-101 and blew the finals in
> > it and was told that they are no longer made.
> >
>
>

24785. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 21:45:35 UTC
From: Thomas McGough
Topic: 24719 Message: 24785

Hello Jim,
      I just recently had a Yeasu FT-101EE that takes the same tube final and I found tubes on one of the tube sites that were made in Russia that worked in the ft-101. However, a modification needed to be done to the final section of the radio to make them work. I did the mod which wasn't to time consuming and the only thing I found was that it had a little less final output, but according to reports the audio was 5,9. Hope, this helps the guy out some as it would be assamed for such an excellant oldie to become a boat anchor.73' from Elkton,Md
KB3IPN/Tom

From: Rob - W1AEX <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 3:23:49 PM
Subject: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yup, it's been a long time since 6JS6C sweep tubes have been made. But
then again, I don't think there's too much demand since (most)
televisions today are solid state.

--- In FT897@yahoogroups. com, Jim <liteways@.. .> wrote:
>
> Had a QSO with a guy that said he had an FT-101 and blew the finals in
> it and was told that they are no longer made.
>

[Non-text portions of this message have been removed]

24786. Re: 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-01-31 21:54:34 UTC
From: Dale Blanchard
Topic: 24780 Message: 24786

--- In FT897@yahoogroups.com, "kybarney" <kybarney@...> wrote:
>
> I was looking at W4RT and saw there are two types of CW filters. The
> 300HZ filter is advertised for contesting and PSK. Would this also be
> a good filter for everyday ragchewing or should I go with the 500HZ
> filter?
>
> Is the 2.3KHZ filter a good option for SSB? I think there are only 2
> slots in the radio and you can only have 1 CW and 1 SSB filter, each.
>
> Any input is appreciated.
>
> Thanks,
> Kyle
>
If you do not know the answer you probably do not need the filter at
this time.
It is best to operated the radio and get the proper filter if and when
you may need it.
If you do not have any problems you do not need it.
The stock SSB filter is OK as is.
Adding the 500hz filter is OK for normal CW use
A narrow one is not needed unless you are a dedicated contester.
Dale
Dale

24787. Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Yahoo group: FT897 (2009)
Date: 2009-01-31 22:00:46 UTC
From: Thomas McGough
Topic: 24719 Message: 24787

Yes Jim,
      I would guess that it was probably the MRF 477, none of those good rf finals are available anymore and that's a real shame as there are still allot of those oldies out their that requir those finals and are still going strong.
P.S:
     Don't feel bad I forget things all the time & it seems the older I get the harder it becomes to remember, hi hi... its only due to so much technical knowledge in my head there's no room for trivial things. hi,hi...73' from Elkton,Md
KB3IPN/Tom

From: Jim <liteways@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 4:20:46 PM
Subject: Re: [FT897] Re: Yaesu has very poor quality control at the factory: bias settings...

Ok, so I got the name of the rig wrong. I remember that it is a yaesu
and has solid state finals. I think MRF something. it's an all band
unit and maybe 8 to 12 years old as I recall. He was topld by Yaesu
that they couldn't get the final transistors any more.

Rob - W1AEX wrote:
>
> Yup, it's been a long time since 6JS6C sweep tubes have been made. But
> then again, I don't think there's too much demand since (most)
> televisions today are solid state.
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> --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>, Jim
> <liteways@.. .> wrote:
> >
> > Had a QSO with a guy that said he had an FT-101 and blew the finals in
> > it and was told that they are no longer made.
> >
>
>

[Non-text portions of this message have been removed]

24788. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-02-01 00:43:35 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 24788

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AE5JU/BHI DSP/BHI DSP Level 1.mp3
Uploaded by : tenorman1952 <tenorman1952@...>
Description : BHI DSP module level 1 - least quieting

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AE5JU/BHI%20DSP/BHI%20DSP%20Level%201.mp3

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

tenorman1952 <tenorman1952@...>

24789. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-02-01 00:44:37 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 24789

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AE5JU/BHI DSP/BHI DSP Level 2.mp3
Uploaded by : tenorman1952 <tenorman1952@...>
Description : BHI DSP module level 2 - moderate quieting

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AE5JU/BHI%20DSP/BHI%20DSP%20Level%202.mp3

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

tenorman1952 <tenorman1952@...>

24790. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-02-01 00:47:55 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 24790

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AE5JU/BHI DSP/BHI DSP Level 4.mp3
Uploaded by : tenorman1952 <tenorman1952@...>
Description : BHI DSP module level 4 - most quieting

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AE5JU/BHI%20DSP/BHI%20DSP%20Level%204.mp3

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

tenorman1952 <tenorman1952@...>

24791. Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-01 00:50:50 UTC
From: tenorman1952
Topic: 24761 Message: 24791

I've just posted sound samples of my results with the BHI DSP.

Paul
AE5JU

24792. Re: [FT897] Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-01 02:04:32 UTC
From: Jim
Topic: 24761 Message: 24792

Lack of a DSP audio filter is big draw back and hard on your ears after a while. This filter seems like a good addition, however, did you have to give up the battery switch?

tenorman1952 wrote:
>
> I've just posted sound samples of my results with the BHI DSP.
>
> Paul
> AE5JU
>
>

24793. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-02-01 10:42:44 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 24793

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

24794. Re: [FT897] Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-02-01 17:08:00 UTC
From: Michael Tondee
Topic: 24757 Message: 24794

My thanks to Jim and everyone else who commented. In the end I decided
to go with the FT-450AT. The 897D is a fine radio in it's own right but
I really had no need for the portability feature of it and I decided it
was best to get a dedicated satellite radio down the line a bit and not
try to make the FT-897D do something it really wasn't designed for.
Once I saw the two radios side by side, I decided that while they
seemed to be about on par with each other performance wise that I just
liked the look of the 450 better. I agree the tuning knob is a bit
small on the 450 but it has a nice feel to it and I think I'll get used
to it pretty quickly. Jim you hit the nail on the head about the
display. Since I have no need for the portability aspect of the 897D, I
opted for the bigger easier to read display.
Funny that on a Yaesu list I even got a vote for an Icom radio. I've
had Icom's before and I just don't care for them. Hate the TX audio for
one. I've always gravitated towards Yaesu or Kenwood. Guess it's like
the old Ford/Chevy debate.
Tnx again everyone and 73,
Michael, W4HIJ
Jim wrote:
> The display of the 450 makes a big difference. There is nothing like
> being able to look at all the invormation at the same time instead of
> going through menus. I found a you tube video that you can look at.
>
> http://www.youtube.com/watch?v=lV80zkQVaqk
>
> Michael Tondee wrote:
>
>> Hi everyone,
>> Just as the title subject of the e-mail says, I'm trying to choose
>> between these two radios.
>> I have no radio at all at present so whatever I get will be my main rig
>> for awhile. These are the only two radios within my reach budget wise at
>> present. I'm just a casual operator, I'm not a serious contester
>> although I do "play" in them quite often just for fun.
>> My main reason for interest in the 897D is the fact that it covers HF
>> plus 2m and 70cm.
>> Up until recently I operated on satellites and I might buy the 897D
>> with an eye on eventually getting a second one and having a two radio
>> full duplex sat station. I really have no interest in 2m or 70cm other
>> than that. I cannot afford something such as a TS-2000 or used FT847 or
>> I would go that route.
>> I feel that the 450 probably has a better receiver and more features
>> for the HF operator than the 897D so I have been toying with the idea of
>> giving up on the sats altogether and going strictly HF with it. I just
>> can't decide. I know a lot of you use the 897D as a portable or a second

>> rig and would not consider it in the role of a "main" station rig so
>> this does give me pause about using it in that manner. Any opinions or
>> suggestions would be most welcome.
>> Tnx and 73,
>> Michael, W4HIJ
>>
>>
>>
>
>

24795. Transform FT-897D/I Type B2 in B3 Type, is possible?

Yahoo group: FT897 (2009)
Date: 2009-02-01 18:02:53 UTC
From: Camillo
Topic: 24795 Message: 24795

Hello, it is possible to transform FT-897 "Type B2" in one FT-897
"Type B3"?
Otherwise is possible expand only the band of the 40m (7-7,2Mhz)?
Tnx, Camillo iz6gvc.

24796. Re: [FT897] Trying to choose between FT-897D and FT-450AT

Yahoo group: FT897 (2009)
Date: 2009-02-01 18:13:59 UTC
From: Robert Besserer
Topic: 24757 Message: 24796

One thing that I see that you are not mentioning in these postings about the differences in the two radios. I think that there are pros and cons to both and it depends on what you want to do. The biggest item that is not mentioned below is that the 897D has 2 meters and 70cm which the 450 does not have. To me this is a major difference in the two rigs. If you don't mind not having these extra two bands, then these are factors to consider but I know that for me this makes a big difference in the two rigs. I own the 897D and it was because of these two extra bands that I made this purchase. I do agree that the other rig has a lot going for it but I guess it just all depends on what you are looking for in a radio.
Everybody has difference preferences and it comes down to what you prefer.
I think both rigs have different things to offer.
Bob

--- On Sun, 2/1/09, Michael Tondee <mat_62@netcommander.com> wrote:

From: Michael Tondee <mat_62@...>
Subject: Re: [FT897] Trying to choose between FT-897D and FT-450AT
To: FT897@yahoogroups.com
Date: Sunday, February 1, 2009, 5:08 PM

My thanks to Jim and everyone else who commented. In the end I decided
to go with the FT-450AT. The 897D is a fine radio in it's own right but
I really had no need for the portability feature of it and I decided it
was best to get a dedicated satellite radio down the line a bit and not
try to make the FT-897D do something it really wasn't designed for.
Once I saw the two radios side by side, I decided that while they
seemed to be about on par with each other performance wise that I just
liked the look of the 450 better. I agree the tuning knob is a bit
small on the 450 but it has a nice feel to it and I think I'll get used
to it pretty quickly. Jim you hit the nail on the head about the
display. Since I have no need for the portability aspect of the 897D, I
opted for the bigger easier to read display.
Funny that on a Yaesu list I even got a vote for an Icom radio. I've
had Icom's before and I just don't care for them. Hate the TX audio for
one. I've always gravitated towards Yaesu or Kenwood. Guess it's like
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Michael, W4HIJ
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> going through menus. I found a you tube video that you can look at.
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> http://www.youtube. com/watch? v=lV80zkQVaqk
>
> Michael Tondee wrote:
>

>> Hi everyone,
>> Just as the title subject of the e-mail says, I'm trying to choose
>> between these two radios.
>> I have no radio at all at present so whatever I get will be my main rig
>> for awhile. These are the only two radios within my reach budget wise at
>> present. I'm just a casual operator, I'm not a serious contester
>> although I do "play" in them quite often just for fun.
>> My main reason for interest in the 897D is the fact that it covers HF
>> plus 2m and 70cm.
>> Up until recently I operated on satellites and I might buy the 897D
>> with an eye on eventually getting a second one and having a two radio
>> full duplex sat station. I really have no interest in 2m or 70cm other
>> than that. I cannot afford something such as a TS-2000 or used FT847 or
>> I would go that route.
>> I feel that the 450 probably has a better receiver and more features
>> for the HF operator than the 897D so I have been toying with the idea of
>> giving up on the sats altogether and going strictly HF with it. I just
>> can't decide. I know a lot of you use the 897D as a portable or a second
>> rig and would not consider it in the role of a "main" station rig so
>> this does give me pause about using it in that manner. Any opinions or
>> suggestions would be most welcome.
>> Tnx and 73,
>> Michael, W4HIJ
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

24797. Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-01 21:31:05 UTC
From: tenorman1952
Topic: 24761 Message: 24797

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> Lack of a DSP audio filter is big draw back and hard on your ears
after
> a while. This filter seems like a good addition, however, did you
have
> to give up the battery switch?
>
> tenorman1952 wrote:
> >
> > I've just posted sound samples of my results with the BHI DSP.
> >
> > Paul
> > AE5JU

Yes, I removed the A/B battery rocker switch. It hung down and interfered with the wiring going to the button in the suggested position on the front right corner of the cover. I tried to put it there.

I unplugged the rocker switch from the board with the cover off, found that the radio worked fine without the switch plugged in. I had to take off the felt piece around the switch, then compressed the tabs on the edges of the switch, pushed it out the top. That left the plastic "well" or bezel that the switch was snapped into.

I don't need the switch as I don't use, nor plan to use this radio with internal gel batteries. I have the Yaesu FP-30b internal power supply in the bottom. And I have a much larger gel cell to use for portable use.

After removing the switch there was room that if I had known this before, I could have placed the DSP board in that area below the rocker switch.

I used a piece of black textured ABS sheet plastic to make the mounting board for the DSP's pushbutton and LED. This plastic sheet is available from www.partsexpress.com in various thicknesses and is commonly used for making panels for car stereo installation. Cost was about $7 USD for a 12"x24" sheet of plastic.

After drilling the holes in the piece of plastic sheet, I glued the switch to it with Aleene's 7800 (a common craft store adhesive). To do this I clamped the switch to the plastic sheet with a plastic rubber jawed clamp used for model building. THEN I applied dabs of the 7800 around the switch and LED. I did this, rather than applying

the adhesive to the face of the switch, so that glue would not get around the button. I let this dry overnight, then glued the sheet to the plastic bezel left in the cover.

This DSP works GREAT!

For those that don't want to install this internally, there is another unit from BHI that connects between the Yaesu's external speaker jack and speaker, and has its own audio amplifier.

http://www.w4wb.com/BHI/DSP-ANES.htm

Paul
AE5JU

24798. Re: [FT897] Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-01 23:26:59 UTC
From: Jim
Topic: 24761 Message: 24798

I think I'd want to keep the switch though

tenorman1952 wrote:
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> <liteways@...> wrote:
> >
> > Lack of a DSP audio filter is big draw back and hard on your ears
> after
> > a while. This filter seems like a good addition, however, did you
> have
> > to give up the battery switch?
> >
> > tenorman1952 wrote:
> > >
> > > I've just posted sound samples of my results with the BHI DSP.
> > >
> > > Paul
> > > AE5JU
>
> Yes, I removed the A/B battery rocker switch. It hung down and
> interfered with the wiring going to the button in the suggested
> position on the front right corner of the cover. I tried to put it
> there.
>
> I unplugged the rocker switch from the board with the cover off,
> found that the radio worked fine without the switch plugged in. I
> had to take off the felt piece around the switch, then compressed the
> tabs on the edges of the switch, pushed it out the top. That left
> the plastic "well" or bezel that the switch was snapped into.
>
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> supply in the bottom. And I have a much larger gel cell to use for
> portable use.
>
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> before, I could have placed the DSP board in that area below the
> rocker switch.
>
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> mounting board for the DSP's pushbutton and LED. This plastic sheet
> is available from www.partsexpress.com in various thicknesses and is
> commonly used for making panels for car stereo installation. Cost
> was about $7 USD for a 12"x24" sheet of plastic.

>
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> rubber jawed clamp used for model building. THEN I applied dabs of
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> the adhesive to the face of the switch, so that glue would not get
> around the button. I let this dry overnight, then glued the sheet to
> the plastic bezel left in the cover.
>
> This DSP works GREAT!
>
> For those that don't want to install this internally, there is
> another unit from BHI that connects between the Yaesu's external
> speaker jack and speaker, and has its own audio amplifier.
>
> http://www.w4wb.com/BHI/DSP-ANES.htm
> <http://www.w4wb.com/BHI/DSP-ANES.htm>
>
> Paul
> AE5JU
>
>

24800. FT897 and Kenwood TL-922A connecting

Yahoo group: FT897 (2009)
Date: 2009-02-01 15:44:03 UTC
From: simon.worsley
Topic: 24800 Message: 24800

Thanks for your help in advance.

Will this amp simply work by RF switching? If so, mine does not so maybe its faulty?

Or what cables do I need - any idea on wiring diagram?

Thanks, Simon

24801. FT-897D operating Manual

Yahoo group: FT897 (2009)
Date: 2009-02-01 14:38:30 UTC
From: chasfred
Topic: 24801 Message: 24801

Hello Everyone, I am fairly new to the group. I have a pdf copy of the 76 page Operating Manual. I was wanting to add bookmarks to it, but it is password protected. I was wondering it anyone in the group happens to know the password, OR has a pdf copy of the 76 page manual that is not password protected, they would share please.

Charles
KE7YUB

[Non-text portions of this message have been removed]

24802. Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-01-31 18:01:43 UTC
From: pmn1spg
Topic: 24802 Message: 24802

I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole. I notice that when the SWR on the tuner is at it's lowest the reading on the radio is up a bit. When I get it down on the radio the reading on the tuner goes up. Depending on band this can be over 3:1 on the tuner when 1:1 on the radio.

Which is best to adjust for, the reading on the radio or on the tuner?

Why would the readings be close on some bands and very far off on others?

Thanks
Pat L
AI4NW

24803. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 06:41:38 UTC
From: Gary Altig
Topic: 24802 Message: 24803

DE N7UVL,
Have you tried monitoring with a Field Strength Meter
to determine which reading actually gives the greater
transmitted signal?
-The perfect match does not equate to the greatest
transmitted signal. (Proof: dummy loads give great
SWR readings)
-Also, other factors could be involved such as grounding.
Do the Tuner; Rig; Transmission line have the same RF
Grounds? Do the readings change when you touch the
Tuner and/or the rig housings? (again a possible RF ground
problem)./ga

----- Original Message -----
From: pmn1spg<mailto:patpics@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, January 31, 2009 10:01 AM
Subject: [FT897] Tuner SWR or Radio SWR

I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole.
I notice that when the SWR on the tuner is at it's lowest the reading
on the radio is up a bit. When I get it down on the radio the reading
on the tuner goes up. Depending on band this can be over 3:1 on the
tuner when 1:1 on the radio.

Which is best to adjust for, the reading on the radio or on the tuner?

Why would the readings be close on some bands and very far off on others?

Thanks
Pat L
AI4NW

[Non-text portions of this message have been removed]

24804. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 07:28:32 UTC
From: Paul Graham
Topic: 24802 Message: 24804

Doesn't this sound like a miss match between the radio and the tuner? I'd be inclined to beleive the radio. Nothing to do with which is the most accurate, more to do with the radio knowing what it's SWR is rather than the tuner (because the tuner is further up the line and hasn't a CLUE what the SWR is back at the radio).

Paul
2E0RAK

From: Gary Altig <garylaltig@...>
To: FT897@yahoogroups.com
Sent: Monday, 2 February, 2009 6:41:38
Subject: Re: [FT897] Tuner SWR or Radio SWR

DE N7UVL,
Have you tried monitoring with a Field Strength Meter
to determine which reading actually gives the greater
transmitted signal?
-The perfect match does not equate to the greatest
transmitted signal. (Proof: dummy loads give great
SWR readings)
-Also, other factors could be involved such as grounding.
Do the Tuner; Rig; Transmission line have the same RF
Grounds? Do the readings change when you touch the
Tuner and/or the rig housings? (again a possible RF ground
problem)./ga

----- Original Message -----
From: pmn1spg<mailto:patpics@bellsouth. net>
To: FT897@yahoogroups. com<mailto:FT897@yahoogroups. com>
Sent: Saturday, January 31, 2009 10:01 AM
Subject: [FT897] Tuner SWR or Radio SWR

I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole.
I notice that when the SWR on the tuner is at it's lowest the reading
on the radio is up a bit. When I get it down on the radio the reading
on the tuner goes up. Depending on band this can be over 3:1 on the
tuner when 1:1 on the radio.

Which is best to adjust for, the reading on the radio or on the tuner?

Why would the readings be close on some bands and very far off on others?

Thanks
Pat L
AI4NW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24805. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 08:21:23 UTC
From: Geoff Blake
Topic: 24802 Message: 24805

On Sun, 1 Feb 2009, Gary Altig wrote:

[snip]

> -The perfect match does not equate to the greatest
> transmitted signal. (Proof: dummy loads give great
> SWR readings)

I'm sorry, I must be a bit slow today, can you please explain
this to me.

Thanks Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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24806. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 09:30:51 UTC
From: Chris Baker
Topic: 24802 Message: 24806

qoute; The perfect match does not equate to the greatest
transmitted signal. (Proof: dummy loads give great
SWR readings)

sorry/ can you explain this/ a perfect 1;1 match ie a 50r tx to 50r dummy load means a max transfer match therefore max power transfer. however as the load is screened (should be), there willbe noleakeage or tranfer to the ether
.Thanks

Chris G4ldS

[Non-text portions of this message have been removed]

24807. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 09:42:01 UTC
From: Geoff Blake
Topic: 24802 Message: 24807

On Mon, 2 Feb 2009, Chris Baker wrote:

> qoute; The perfect match does not equate to the greatest
> transmitted signal. (Proof: dummy loads give great
> SWR readings)
>
> sorry/ can you explain this/ a perfect 1;1 match ie a
> 50r tx to 50r dummy load means a max transfer match therefore
> max power transfer. however as the load is screened (should
> be), there willbe noleakeage or tranfer to the ether

> .Thanks
>
> Chris G4ldS

Chris - Eh?

Geoff

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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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of the sender.

24808. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 11:08:06 UTC
From: Tim McConnell M0THM
Topic: 24802 Message: 24808

Of Course this could be some thing as simple as a bad Patch Lead!

Tim
----- Original Message -----
From: Geoff Blake
To: FT897@yahoogroups.com
Sent: Monday, February 02, 2009 9:42 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

On Mon, 2 Feb 2009, Chris Baker wrote:

> qoute; The perfect match does not equate to the greatest
> transmitted signal. (Proof: dummy loads give great
> SWR readings)
>
> sorry/ can you explain this/ a perfect 1;1 match ie a
> 50r tx to 50r dummy load means a max transfer match therefore
> max power transfer. however as the load is screened (should
> be), there willbe noleakeage or tranfer to the ether

> .Thanks
>
> Chris G4ldS

Chris - Eh?

Geoff

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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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of the sender.

[Non-text portions of this message have been removed]

24809. Dumb Question

Yahoo group: FT897 (2009)
Date: 2009-02-02 11:47:48 UTC
From: kd5blz@cox.net
Topic: 24802 Message: 24809

Hi
I have had my FT-897D for about 18 Months. But have not had my much chance to use it. Due to health problems with my wife.
I just ordered the signalink sound card interface to start digital modes for portable us with my lap top.
Last night I was messing around with the menu and could not get the FT-897D into menu 38 as the manual states it needs to be in for digital modes.
I do wonder if this is because here is no For 8-Pin DIN Data cable connected to the FT-897-D.
Anyone have a answer for me?
Thanks
Nathan Watts
KD5BLZ

24810. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 12:20:03 UTC
From: Gary Altig
Topic: 24802 Message: 24810

DE N7UVL,
The desired result is to get maximum radiated signal
out of the antenna which can be compromised by
many different things. When a discrepancy in SWR
readings occurs, the Field Strength Meter will give
an indication which SWR dip results in the maximum
radiated signal. However, occasionally even that
reading may wind up being the same for each SWR
dip. But at least you will know whether your signal
is being radiated. And further investigation may be
required. Placing the Field Strength Meter where it
can be seen, but away from the Rig (outside a window?)
will help reduce a false FSM reading due to RF in the
"Shack"
-If moving near or away from a "shack" located tuner
and/or the radio causes the SWR reading to change
then there is RF in the "shack"./ga

----- Original Message -----
From: Geoff Blake<mailto:geoff@...>
To: Gary Altig<mailto:garylaltig@...>
Cc: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, February 02, 2009 12:21 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

On Sun, 1 Feb 2009, Gary Altig wrote:

[snip]

> -The perfect match does not equate to the greatest
> transmitted signal. (Proof: dummy loads give great
> SWR readings)

I'm sorry, I must be a bit slow today, can you please explain
this to me.

Thanks Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
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no-word-attachments.html>>

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its attachments to any third party without the prior consent
of the sender.

[Non-text portions of this message have been removed]

24811. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 12:20:01 UTC
From: P Grant
Topic: 24802 Message: 24811

Hi Pat, I am reading your SWR situation, and I have come across this phenomena a couple of times some years ago.
Question ? are you using both SWR measuring equipment at the same time ??
Are you using the 897 SWR meter with the MFJ945 in circuit....
or switched to the "through" position.
To do the test, Cancel the SWR mode , on your radio, and tune for best SWR on say 80 M.
Check up and down the band, and record the best "power out" reading at top and botom.
Do the same with all the bands and make a note of the "best SWR / Power out" this should be the same within reason.
The next part of the test involves changing your Antenna tuner to a simple one which has no meter.
You may have to borrow this from a friend. then, repeat all your measurements at the previous frequencies, (allways use AM or CW , and low power, when testing for SWR) using the built in meter in the FT897D.
Bottom line is you cannot use more than one SWR meter at a time, as they will be both,,, in series, and in parralell,,, to each other,,,,and leave opertunity for "unusual" readings across the band.
My advice is, do not use the FT897D, in the SWR mode. the MFJ945 is a reasonable acurate piece of kit, and will be more relioable than using the built in one.
Final test...switch to VHF, if you have a factory built wide band antenna (flat SWR) for say 2M, do the SWR test, first with the 897 meter, (no Tuner) next with the SWR meter off in the 897, and using the MFJ945,
The readings should be the same in both measurements....
That is one of the first questions I asked , when I was trying to go solo, when I was first licenced.
I hope that answers your question, Pat, as you have no doubt noticed, some replies did not give you an answer, but asked another qustion.
I hope this is of some value as it is post No. 7.
Please feel free to contact me of f list for any further discussion.
best 73 de Peter EI4HX _._
ei4hxperimental@...
~~~~ o
----- Original Message -----
From: pmn1spg
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 6:01 PM
Subject: [FT897] Tuner SWR or Radio SWR

I have a MFJ-945E tuner connected to my 897D. I am
Pat L
AI4NW

[Non-text portions of this message have been removed]
~~~~

24812. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 12:54:35 UTC
From: Jim
Topic: 24802 Message: 24812

The tuner is designed to correct the vswr the radio sees. That protects
the radio from high voltages from the high VSWR. Don't worry about the
tuner, worry about the radio. Don't worry about the losses either,
since the energy reflected from the missmatch at the antenna, will be
reflected back toward the tuner, and be reflected back again to the
antenna.

pmn1spg wrote:
>
> I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole.
> I notice that when the SWR on the tuner is at it's lowest the reading
> on the radio is up a bit. When I get it down on the radio the reading
> on the tuner goes up. Depending on band this can be over 3:1 on the
> tuner when 1:1 on the radio.
>
> Which is best to adjust for, the reading on the radio or on the tuner?
>
> Why would the readings be close on some bands and very far off on others?
>
> Thanks
> Pat L
> AI4NW
>
>

24813. Re: [FT897] FT897 and Kenwood TL-922A connectin

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:00:50 UTC
From: Jim
Topic: 24813 Message: 24813

I believe you will find your answer here

http://www.kenwood-service.com/e_imdl/com/TL-922A.pdf

simon.worsley wrote:
>
> Thanks in advance for your help.
>
> Please answer:
>
> Can I use this amp with just RF sensing fromt he radio? I have tried
> this but the amp does not go into TX mode.
>
> Am I doing something stupid?
>
> Or what cables and plugs do I need to pair the two toghether, to use
> this amp for SSB?
>
> And is it easy to make - where can I find the connections or can I buy
> pre-made?
>
> 73s..
>
> Thanks again
>
> Simon
>
>

24814. Re: [FT897] FT-897D operating Manual

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:02:19 UTC
From: Jim
Topic: 24801 Message: 24814

I printed mine out and took it to Staples and had it spiral bound for
easy reference.

chasfred wrote:
>
> Hello Everyone, I am fairly new to the group. I have a pdf copy of the
> 76 page Operating Manual. I was wanting to add bookmarks to it, but it
> is password protected. I was wondering it anyone in the group happens
> to know the password, OR has a pdf copy of the 76 page manual that is
> not password protected, they would share please.
>
> Charles
> KE7YUB
>
> [Non-text portions of this message have been removed]
>
>

24815. Re: [FT897] Dumb Question

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:08:06 UTC
From: Jim
Topic: 24802 Message: 24815

Make sure extended menu is set to "ON" (turn large tuning knob to change it), then go to that menu and turn the tuning knob. Have fun. BTW, make sure that radio is off when you plug in the CAT cable. You don't want static electricity to wreck havoc

kd5blz@... wrote:
>
>
> Hi
> I have had my FT-897D for about 18 Months. But have not had my much
> chance to use it. Due to health problems with my wife.
> I just ordered the signalink sound card interface to start digital
> modes for portable us with my lap top.
> Last night I was messing around with the menu and could not get the
> FT-897D into menu 38 as the manual states it needs to be in for
> digital modes.
> I do wonder if this is because here is no For 8-Pin DIN Data cable
> connected to the FT-897-D.
> Anyone have a answer for me?
> Thanks
> Nathan Watts
> KD5BLZ
>
>

24816. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:17:44 UTC
From: Jim
Topic: 24802 Message: 24816

No, I have to disagree with this. The desired result is to protect the radio from high voltage on the finals. If you tune for max radiated signal, and blow the finals, you have no signal.

Jim, WB8QGT

Gary Altig wrote:
>
> DE N7UVL,
> The desired result is to get maximum radiated signal
> out of the antenna which can be compromised by
> many different things.
>

24817. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:44:57 UTC
From: Carl Wulfestieg
Topic: 24802 Message: 24817

You're both correct. "The desired result is to get maximum radiated signal out of the antenna ..." and at the same time "... to protect the radio from high voltage on the finals." That is why tuning should be performed at a LOW power. As an aside, many current transceivers limit the power, when they sense a high SWR, thus protecting the finals.
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

24818. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:57:56 UTC
From: Geoff Blake
Topic: 24802 Message: 24818

Sorry, I still do not understand. SWR and Return Loss are
different ways of stating the same thing.

Put simply, return loss is the difference between power going "up"
a transmitting aerial and the power coming "down" i.e. being
reflected by the aerial.

It is simple to see that the greater the difference between the
power going "up" and the power coming "down", the more that is
being radiated, either as a signal or as heat in a lossy aerial.

Numerically, VSWR will reduce as Return Loss increases, a 3:1 SWR
being equal to a 6dB loss, meaning 75% of the power is being
radiated whereas a 1.2:1 SWR is approximately equal to a 20dB
return loss, meaning 99% is being radiated somewhere.

The difference between a perfect aerial and a dummy load is the
radiation efficiency, i.e. the proportion of the power being
absorbed by the aerial being radiated as signal rather than as
heat, a perfect aerial having 100% radiation efficiency.

The SWR of an aerial need not have any relationship to its
radiation efficiency hence my query of your statement "Dummy loads
give great SWR readings" - my contention is that dummy loads give
very low SWR readings.

This is all based on your use of the term "great". I presume that
you mean "great" equals large. If you mean "great" equals better
(or smaller SWR readings, then I see where you are coming from and
apologise.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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of the sender.

24819. Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-02 13:58:48 UTC
From: nr3r15
Topic: 24761 Message: 24819

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> I think I'd want to keep the switch though
>
>

Send the rig to W4RT and let them do it. I had mine back in one week.
That way you can keep the switch.

Larry

24820. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:04:18 UTC
From: Jim Webster
Topic: 24802 Message: 24820

Pat, your best swr reading will be on the freq. that the ant is cut for. Just remember a swr reading from a tuner is really falsely telling your radio the swr is 1:1, 1:3 or whatever it is, but in reality you must measure the swr at the feed point of the ant. in order to know what it really is, (hard to take a reading at the ant when it is up in the air). So if you get different readings (tuner vs radio) I would go with the 897D as being more acurrate then the MFJ.
Jim KI6PYZ

From: pmn1spg <patpics@...>
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 10:01:43 AM
Subject: [FT897] Tuner SWR or Radio SWR

I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole.
I notice that when the SWR on the tuner is at it's lowest the reading
on the radio is up a bit. When I get it down on the radio the reading
on the tuner goes up. Depending on band this can be over 3:1 on the
tuner when 1:1 on the radio.

Which is best to adjust for, the reading on the radio or on the tuner?

Why would the readings be close on some bands and very far off on others?

Thanks
Pat L
AI4NW

[Non-text portions of this message have been removed]

24821. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:31:59 UTC
From: P Grant
Topic: 24802 Message: 24821

Hi Again Pat
All things considered, after 16 posts on the subject you now have several views.
from several contributors...
As far as the power reflected back from your antenna, and down the co-ax,
Does the antenna tuner block the reflected power ??? or
is it continued through to the radio. Draw out a sketch of
the circuit of your matcher / tuner, what type of "tune circuit" is it.
Your MFJ945E costs probably $150 US.
and the chip controlling the SWR meter in the rig costs $2 US.
The FT897D is designed to reduce output power if a bad SWR apears
,,, antenna breaks in a gale or such.. This will show up on the display as "SWR HIGH"
or some such,,, has'nt happened me yet, but its good to know it's there.
In the case where an automatic tuner is used the SWR Meter on the screen is just a meter showing the read out.
Bye for now, I hope it goes well for you.
73 for now de Peter EI4HX _._
ei4hxperimental@...

~~~~ o
----- Original Message -----
From: pmn1spg
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 6:01 PM
Subject: [FT897] Tuner SWR or Radio SWR

I have a MFJ-945E tuner connected to my 897D. I am
Pat L
AI4NW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]
~~~~

24822. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:40:32 UTC
From: Jim
Topic: 24802 Message: 24822

The SWR represents the match between the feed line and the antenna. A 50 ohm feed line feeding an antenna with a 100 ohm feed point will give a 2:1 swr. There is no need to measure the swr at the antenna, because it will be the same at the other end of the feed line.

wb8qgt

Jim Webster wrote:
>
> but in reality you must measure the swr at the feed point of the ant.
> in order to know what it really is, (hard to take a reading at the ant
> when it is up in the air). So if you get different readings (tuner vs
> radio) I would go with the 897D as being more acurrate then the MFJ.
> Jim KI6PY
>

24823. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:49:26 UTC
From: D F
Topic: 24802 Message: 24823

Remember too, that the swr display on the 897 is APPROXIMATE - NOT ACCURATE! If you want an accurate reading, an external meter is required. I would trust the MFJ over the radio's display. The reading on the radio will get you out of serious trouble, but I always trust the external meter. Also, remember an antenna tuner is more a "coax tuner" since it matches the feedline AND antenna to the radio (well, actually the feedline moreso than the antenna unless you have the meter AT the antenna). Anyway, just wanted to drop my 2 cents worth.

Dennis - N8BMB

From: Jim <liteways@...>
To: FT897@yahoogroups.com
Sent: Monday, February 2, 2009 11:40:32 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

The SWR represents the match between the feed line and the antenna. A
50 ohm feed line feeding an antenna with a 100 ohm feed point will give
a 2:1 swr. There is no need to measure the swr at the antenna, because
it will be the same at the other end of the feed line.

wb8qgt

Jim Webster wrote:
>
> but in reality you must measure the swr at the feed point of the ant.
> in order to know what it really is, (hard to take a reading at the ant
> when it is up in the air). So if you get different readings (tuner vs
> radio) I would go with the 897D as being more acurrate then the MFJ.
> Jim KI6PY
>

[Non-text portions of this message have been removed]

24824. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:55:09 UTC
From: customgraphics!
Topic: 24802 Message: 24824

in the old days we adjusted our ANTENNA for swr...

24825. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 17:55:01 UTC
From: P Grant
Topic: 24802 Message: 24825

will said Dennis,
Best 2 cents we had today .
de Peter EI4HX _._
----- Original Message -----
From: D F
To: FT897@yahoogroups.com
Sent: Monday, February 02, 2009 5:49 PM
Subject: Re: [FT897] Tuner SWR or Radio SWR

Remember too, that the swr display on the 897 is APPROXIMATE - NOT ACCURATE! If you want an accurate reading, an external meter is required. I would trust the MFJ over the radio's display. The reading on the radio will get you out of serious trouble, but I always trust the external meter. Also, remember an antenna tuner is more a "coax tuner" since it matches the feedline AND antenna to the radio (well, actually the feedline moreso than the antenna unless you have the meter AT the antenna). Anyway, just wanted to drop my 2 cents worth.

Dennis - N8BMB

From: Jim <liteways@...>
To: FT897@yahoogroups.com
Sent: Monday, February 2, 2009 11:40:32 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

The SWR represents the match between the feed line and the antenna. A
50 ohm feed line feeding an antenna with a 100 ohm feed point will give
a 2:1 swr. There is no need to measure the swr at the antenna, because
it will be the same at the other end of the feed line.

wb8qgt

Jim Webster wrote:
>
> but in reality you must measure the swr at the feed point of the ant.
> in order to know what it really is, (hard to take a reading at the ant
> when it is up in the air). So if you get different readings (tuner vs
> radio) I would go with the 897D as being more acurrate then the MFJ.
> Jim KI6PY
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24826. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 20:06:50 UTC
From: Paul Graham
Topic: 24802 Message: 24826

But remember that if there is a miss match between the ATU and the radio (that should be a missmatch between the SWR meter of the ATU and the radio) then the radio is at risk. Inaccurate or not, the meter on the radio is what the radio sees. The meter on the ATU is NOT what the radio sees if there is a miss match between the two. (and yes, that can happen, it happened to me).

Paul.
2E0RAK.

From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Monday, 2 February, 2009 17:55:01
Subject: Re: [FT897] Tuner SWR or Radio SWR

will said Dennis,
Best 2 cents we had today .
de Peter EI4HX _._
----- Original Message -----
From: D F
To: FT897@yahoogroups. com
Sent: Monday, February 02, 2009 5:49 PM
Subject: Re: [FT897] Tuner SWR or Radio SWR

Remember too, that the swr display on the 897 is APPROXIMATE - NOT ACCURATE! If you want an accurate reading, an external meter is required. I would trust the MFJ over the radio's display. The reading on the radio will get you out of serious trouble, but I always trust the external meter. Also, remember an antenna tuner is more a "coax tuner" since it matches the feedline AND antenna to the radio (well, actually the feedline moreso than the antenna unless you have the meter AT the antenna). Anyway, just wanted to drop my 2 cents worth.

Dennis - N8BMB

From: Jim <liteways@gmail. com>
To: FT897@yahoogroups. com
Sent: Monday, February 2, 2009 11:40:32 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

The SWR represents the match between the feed line and the antenna. A
50 ohm feed line feeding an antenna with a 100 ohm feed point will give
a 2:1 swr. There is no need to measure the swr at the antenna, because
it will be the same at the other end of the feed line.

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Jim Webster wrote:
>
> but in reality you must measure the swr at the feed point of the ant.
> in order to know what it really is, (hard to take a reading at the ant
> when it is up in the air). So if you get different readings (tuner vs
> radio) I would go with the 897D as being more acurrate then the MFJ.
> Jim KI6PY
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24827. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-02 20:19:34 UTC
From: D F
Topic: 24802 Message: 24827

Ok, A few things in response.... Because WAY too many hams purchase a commercial made antenna, they usually put it together following the Mfr directions, connect the coax, put it on the mast/tower and expect it to work properly. This is a pipedream because ALL commercial made antennas, while they will work for the bands we use, are basically BROADBAND ANTENNAS, meaning they have multiple uses, NOT just amateur - but commercial as well. The failure is the Ham who fails to "tune" the antenna BEFORE he puts it up.

While you are absolutely correct, "tune the antenna for swr", as stated, many forget or just don't do this. Tuning can be done a couple of ways, either with an Antenna Analyzer or with a SWR Bridge/Antenna Tuner - your choice.

However, like I said the failure is to do so BEFORE you put the antenna up, not after! It then becomes an issue of "Why can't people hear me" or "I can't hear anyone on the band and I know they are there".

I fabricate all of my base antennas. The only ones I buy are mobile antennas. If more Hams were to understand that your antenna is 90% of your radio system and take more interest in learning how that thing (antenna) at the top of the mast/tower works, there probably wouldn't be as many tuner/antenna questions in this group.

You can have the best radio, best amplifier, best feedline and best tuner ever made, but if your antenna sucks (or NOT tuned correctly -BEFORE YOU PUT IT UP!), it is all for naught, and as many have found out, it takes all the "fun" out of the hobby (so to speak) because now they are trying to figure out why they can't be heard or hear anyone else, and are even more perplexed as to why the tuner "isn't working right".

Antennas are really easy to understand if you take the time to read/study it. Best book I read is the ARRL Antenna book. LOTS of GREAT info in that book and, IMO, the best book/advice I ever was given from my Elmer (K8BF - SK last October).

That said, good luck!

Dennis - N8BMB

From: customgraphics! <renee..thomas@...>
To: FT897@yahoogroups.com
Sent: Monday, February 2, 2009 11:55:09 AM
Subject: Re: [FT897] Tuner SWR or Radio SWR

in the old days we adjusted our ANTENNA for swr...

Yahoo! Groups Links

[Non-text portions of this message have been removed]

24828. No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-02 20:26:17 UTC
From: james.amburn
Topic: 24828 Message: 24828

This looks like a return to Yaesu for repair,but does any one have a suggestion? Turned on my FT-897 this morning and had no modulation on any band or mode, tried another mike same problem. The PA is working can tune and a check swr. Thanks in advance. Jim N0TUI

24829. RE: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-02 20:55:08 UTC
From: Jim Henry
Topic: 24828 Message: 24829

If you use it for CW operation make sure the key or keyer is not locked in transmit mode. It can happen

73 de Jim, GI0DVU

Lisburn, County Antrim

www.qsl.net/gi0dvu

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of james.amburn
Sent: 02 February 2009 20:26
To: FT897@yahoogroups.com
Subject: [FT897] No modulation

This looks like a return to Yaesu for repair,but does any one have a suggestion? Turned on my FT-897 this morning and had no modulation on any band or mode, tried another mike same problem. The PA is working can tune and a check swr. Thanks in advance. Jim N0TUI

[Non-text portions of this message have been removed]

24830. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-02 20:59:28 UTC
From: kc3vo@aol.com
Topic: 24828 Message: 24830

First: Return things to normal, by removing any attachments not supplied by YAESU with the radio. (Un hook computer cables, digital accessories, external speakers, sound cards, non-stock microphones, CW keys, etc.) Make certain mike gain menu is set to 50%, Use another radio to LISTEN for modulation. Check mike connectors and cables, at both ends and the radio, for physical damage.--73, KC3VO-Bob Curry

-----Original Message-----
From: james.amburn <james.amburn@...>
To: FT897@yahoogroups.com
Sent: Mon, 2 Feb 2009 3:26 pm
Subject: [FT897] No modulation

This looks like a return to Yaesu for repair,but does any one have a suggestion? Turned on my FT-897 this morning and had no modulation on any band or mode, tried another mike same problem. The PA is working can tune and a check swr. Thanks in advance. Jim N0TUI

Yahoo! Groups Links

24831. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-02 21:01:25 UTC
From: JAMES AMBURN
Topic: 24828 Message: 24831

Thanks for the suggestion Jim but I have no key connected. I can put the radio in transmit but have no modulation in any mode
on any band.
Jim N0TUI
----- Original Message -----
From: Jim Henry<mailto:jim.henry@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, February 02, 2009 1:55 PM
Subject: RE: [FT897] No modulation

If you use it for CW operation make sure the key or keyer is not locked in transmit mode. It can happen

73 de Jim, GI0DVU

Lisburn, County Antrim

www.qsl.net/gi0dvu<http://www.qsl.net/gi0dvu>

From: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>] On Behalf Of james.amburn
Sent: 02 February 2009 20:26
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] No modulation

This looks like a return to Yaesu for repair,but does any one have a suggestion? Turned on my FT-897 this morning and had no modulation on any band or mode, tried another mike same problem. The PA is working can tune and a check swr. Thanks in advance. Jim N0TUI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24832. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-02 22:09:44 UTC
From: P Grant
Topic: 24828 Message: 24832

Hello Jim
Difficult to understand what your problem is on first
reading, but I will ask the question...
When you say , no modulation, I presume you mean no audio
transmitted when you transmit. ???
You are right to test the microphone as first suspect, I do'nt like
these Telecom / broadband plugs and sockets on modern radios
and michrophones.
Pull out the mike plug from thefront of the 798 and look in at the row
of wire edge connections... do they look all right to you... have another look with a magnifier
and see if you can see any breakage.
No Joy, well move on to testing the mike itself.You say the
SWR checks out on keying the mike so thats OK. So the PTT is all right...
I have no manual to hand at present, but you can check the
value of the mike insert, and test out the mike pins for the (continuity)...
... corresponding reading. Note the mike pins used, and then
the more difficult part... Checking for continuity INSIDE the radio.
Plug the mike back in the front of the rig, and find the corresponding
connection inside the mike connection.....
Check the value of the insert at the inside of the plug inside the radio.
Hopefully this will show up the problem, as a faulty mike socket...
If that is it you are lucky... if not I'll read up my manual, and
see if I can think of anything else to try.
You said not working on all bands or modes ???
Have you tried CW and Digital modes, have you played around
with mike gain and all the settings on power levels and audio levels.
Do'nt rush off to post back the radio there are some great Yaesu
Radio Men still around, on this forum, with more ideas than me as
I am not familiar with "inside " this small radio. I'm afraid it is all
Magnifier for me when I open the covers, at my age....
I hope this will encourage more replies, as the day is still young.
Best 73 for now... de Peter EIHX _._

----- Original Message -----
From: james.amburn
To: FT897@yahoogroups.com
Sent: Monday, February 02, 2009 8:26 PM
Subject: [FT897] No modulation

This looks like a return to Yaesu for repair,but does any one have a
suggestion? Turned on my FT-897 this morning and had no modulation on
any band or mode, tried another mike same problem. The PA is working
can tune and a check swr. Thanks in advance. Jim N0TUI

[Non-text portions of this message have been removed]

24833. Re: [FT897] Dumb Question

Yahoo group: FT897 (2009)
Date: 2009-02-03 01:54:27 UTC
From: wayne morton
Topic: 24802 Message: 24833

Nathan,
Wayne here a little south of you in Crowley,
I can access menu 38 no problem without any data cables connected to the radio, that is part of your question answered, hopefully others will explain why?

Thanks
Wayne
W5yne
M1evk

--- On Mon, 2/2/09, kd5blz@cox.net <kd5blz@...> wrote:

From: kd5blz@... <kd5blz@...>
Subject: [FT897] Dumb Question
To: FT897@yahoogroups.com
Date: Monday, February 2, 2009, 11:47 AM

Hi
I have had my FT-897D for about 18 Months. But have not had my much chance to use it. Due to health problems with my wife.
I just ordered the signalink sound card interface to start digital modes for portable us with my lap top.
Last night I was messing around with the menu and could not get the FT-897D into menu 38 as the manual states it needs to be in for digital modes.
I do wonder if this is because here is no For 8-Pin DIN Data cable connected to the FT-897-D.
Anyone have a answer for me?
Thanks
Nathan Watts
KD5BLZ

[Non-text portions of this message have been removed]

24834. Re: FT-897D operating Manual

Yahoo group: FT897 (2009)
Date: 2009-02-03 02:48:44 UTC
From: Stewart Nelson
Topic: 24801 Message: 24834

From KD5LBE

On the question of Acrobat, I use 8 Professional and I did book marks and sticky notes without any problem and saved the file and brought it back up. I am using the 897 and not the 897D manual as a PDF file. The professional series is really great for turning stuff into PDF files and grouping stuff together in one big file. I wouldn't leave home with out it.

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> I printed mine out and took it to Staples and had it spiral bound for
> easy reference.
>
> chasfred wrote:
> >
> > Hello Everyone, I am fairly new to the group. I have a pdf copy of the
> > 76 page Operating Manual. I was wanting to add bookmarks to it, but it
> > is password protected. I was wondering it anyone in the group happens
> > to know the password, OR has a pdf copy of the 76 page manual that is
> > not password protected, they would share please.
> >
> > Charles
> > KE7YUB
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

24835. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 06:30:33 UTC
From: Randy Charles Ford
Topic: 24802 Message: 24835

On Monday 02 February 2009 02:21:23 Geoff Blake wrote:
> On Sun, 1 Feb 2009, Gary Altig wrote:
>
> [snip]
>
> > -The perfect match does not equate to the greatest
> > transmitted signal. (Proof: dummy loads give great
> > SWR readings)
>
> I'm sorry, I must be a bit slow today, can you please explain
> this to me.
>
> Thanks Geoff

This brings up a question that I have about autotuners, and, I guess, tuners in general. If I have an antenna tuned for multiple bands, but not the one I want to use, and use an autotuner on it, couldn't it have a low SWR at multiple points. For instance, if the tuner was running into a fan dipole that was three dipoles cut for different bands, would there be a separate low SWR for each dipole. One of the dipoles would have a better transmitted signal than the other two, but how could I get the tuner to pick the correct low SWR point? In other words, how could I get a tuner to choose the best dipole for my frequency?

For another example, if a multi-element, multi-band vertical were to be used on a band it for which it was not tuned, could an (auto)tuner match the shortest element instead of a longer one that is a better choice for the transmitted frequency? Is there a way to help an autotuner to chose the better one? I imagine that one could calculate a match for the better elements and start a manual tuner there to look for the lowest SWR; do people do this?

73,
kg4jix randy.

24836. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 06:48:03 UTC
From: Geoff Blake
Topic: 24802 Message: 24836

On Tue, 3 Feb 2009, Randy Charles Ford wrote:

> On Monday 02 February 2009 02:21:23 Geoff Blake wrote:
> > On Sun, 1 Feb 2009, Gary Altig wrote:
> >
> > [snip]
> >
> > > -The perfect match does not equate to the greatest
> > > transmitted signal. (Proof: dummy loads give great
> > > SWR readings)
> >
> > I'm sorry, I must be a bit slow today, can you please explain
> > this to me.
> >
> > Thanks Geoff
>
> This brings up a question that I have about autotuners, and, I guess, tuners
> in general. If I have an antenna tuned for multiple bands, but not the one I
> want to use, and use an autotuner on it, couldn't it have a low SWR at
> multiple points. For instance, if the tuner was running into a fan dipole
> that was three dipoles cut for different bands, would there be a separate low
> SWR for each dipole. One of the dipoles would have a better transmitted
> signal than the other two, but how could I get the tuner to pick the correct
> low SWR point? In other words, how could I get a tuner to choose the best
> dipole for my frequency?
>
> For another example, if a multi-element, multi-band vertical were to be used
> on a band it for which it was not tuned, could an (auto)tuner match the
> shortest element instead of a longer one that is a better choice for the
> transmitted frequency? Is there a way to help an autotuner to chose the
> better one? I imagine that one could calculate a match for the better
> elements and start a manual tuner there to look for the lowest SWR; do people
> do this?

With a manual tuner I guess that the answer is literally in your
own hands

I would have thought that the algorithm used to solve the match in
an ATU's firmware would attempt to find matches closest to Z0
first. Any designers care to comment?

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk

Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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See <http://www.gnu.org/philosophy/no-word-attachments.html>

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24837. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 06:59:01 UTC
From: Ant
Topic: 24802 Message: 24837

On Tue, 2009-02-03 at 00:30 -0600, Randy Charles Ford wrote:
> On Monday 02 February 2009 02:21:23 Geoff Blake wrote:
> > On Sun, 1 Feb 2009, Gary Altig wrote:
> >
> > [snip]
> >
> > > -The perfect match does not equate to the greatest
> > > transmitted signal. (Proof: dummy loads give great
> > > SWR readings)
> >
> > I'm sorry, I must be a bit slow today, can you please explain
> > this to me.
> >
> > Thanks Geoff
>
> This brings up a question that I have about autotuners, and, I guess, tuners
> in general. If I have an antenna tuned for multiple bands, but not the one I
> want to use, and use an autotuner on it, couldn't it have a low SWR at
> multiple points. For instance, if the tuner was running into a fan dipole
> that was three dipoles cut for different bands, would there be a separate low
> SWR for each dipole. One of the dipoles would have a better transmitted
> signal than the other two, but how could I get the tuner to pick the correct
> low SWR point? In other words, how could I get a tuner to choose the best
> dipole for my frequency?
>
> For another example, if a multi-element, multi-band vertical were to be used
> on a band it for which it was not tuned, could an (auto)tuner match the
> shortest element instead of a longer one that is a better choice for the
> transmitted frequency? Is there a way to help an autotuner to chose the
> better one? I imagine that one could calculate a match for the better
> elements and start a manual tuner there to look for the lowest SWR; do people
> do this?

My (very) limited understanding is that an ATU changes what the radio
sees, not the antenna. So X amount of signal is going to being coming
out wherever it is, whatever element, and nothing the tuner can do will
change that. So the lowest Z it can find is best for your radio, and
your radiation in to the air stays exactly the same. All that will
change is the heat will be somewhere other than your radios finals,
protecting it. Can anyone confirm or deny?

Ant

24838. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 09:49:10 UTC
From: Peter Robinson
Topic: 24802 Message: 24838

Geoff Blake wrote:

I would have thought that the algorithm used to solve the match in
an ATU's firmware would attempt to find matches closest to Z0
first. Any designers care to comment?

Some search for the lowest, but some - I think mainly older ones searched for a value less than say 1.5:1 or whatever the designer chose. There was a debate on this a while back and I remember Dwayne Kincaid of LDG posting a msg that theirs search for the lowest.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

[Non-text portions of this message have been removed]

24839. Re: [FT897] Dumb Question

Yahoo group: FT897 (2009)
Date: 2009-02-03 11:37:17 UTC
From: kd5blz@cox.net
Topic: 24802 Message: 24839

Hi
Jim
Thanks for the response. Looking forward to getting everything set up.
73,s
Nathan
KD5BLZ

---- Jim <liteways@...> wrote:
> Make sure extended menu is set to "ON" (turn large tuning knob to
> change it), then go to that menu and turn the tuning knob. Have fun.
> BTW, make sure that radio is off when you plug in the CAT cable. You
> don't want static electricity to wreck havoc
>
> kd5blz@... wrote:
> >
> >
> > Hi
> > I have had my FT-897D for about 18 Months. But have not had my much
> > chance to use it. Due to health problems with my wife.
> > I just ordered the signalink sound card interface to start digital
> > modes for portable us with my lap top.
> > Last night I was messing around with the menu and could not get the
> > FT-897D into menu 38 as the manual states it needs to be in for
> > digital modes.
> > I do wonder if this is because here is no For 8-Pin DIN Data cable
> > connected to the FT-897-D.
> > Anyone have a answer for me?
> > Thanks
> > Nathan Watts
> > KD5BLZ
> >
> >
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

24840. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 13:21:39 UTC
From: Jim
Topic: 24802 Message: 24840

You are correct. The tuner tunes for a low swr to the radio. The antenna doesn't care, it will radiate with the antenna with the lowest impedance. The off resonant antennas will represent an higher impedance than the resonant antenna in the fan.

Ant wrote:
>
> On Tue, 2009-02-03 at 00:30 -0600, Randy Charles Ford wrote:
> snip
>
> My (very) limited understanding is that an ATU changes what the radio
> sees, not the antenna. So X amount of signal is going to being coming
> out wherever it is, whatever element, and nothing the tuner can do will
> change that. So the lowest Z it can find is best for your radio, and
> your radiation in to the air stays exactly the same. All that will
> change is the heat will be somewhere other than your radios finals,
> protecting it. Can anyone confirm or deny?
>
> Ant
>
>

24841. Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-03 15:20:50 UTC
From: gardfire5
Topic: 24841 Message: 24841

I am using an Atas 120 with my 897 and I am wondering if there is any tripod that I can use with it for camping trips. I know that there are some tripods out there for the outback and what not. If you have any ideas or better yet pictures to help me make my own that would be great.
Patrick J Saucier
KB1QVJ

Also trying to work all states anyone want to set up a time to meet let me know. 73

24842. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 15:54:06 UTC
From: Randy Charles Ford
Topic: 24802 Message: 24842

I figured out that it was a stupid question, (stupid because I knew better), not too long after I asked it because the end of the wire from the antenna at the tuner can only have one impedance. For some reason I was picturing in my head one of the SWR curves that varies by frequency. Of course, that may be complex with with several minima, but it is still a single point for any one frequency.

Thanks for the responses. I hope I haven't confused anybody but myself.

73,
kg4jix randy.

On Tuesday 03 February 2009 07:21:39 Jim wrote:
> You are correct. The tuner tunes for a low swr to the radio. The
> antenna doesn't care, it will radiate with the antenna with the lowest
> impedance. The off resonant antennas will represent an higher impedance
> than the resonant antenna in the fan.
>
> Ant wrote:
> > On Tue, 2009-02-03 at 00:30 -0600, Randy Charles Ford wrote:
> > snip
> >
> > My (very) limited understanding is that an ATU changes what the radio
> > sees, not the antenna. So X amount of signal is going to being coming
> > out wherever it is, whatever element, and nothing the tuner can do will
> > change that. So the lowest Z it can find is best for your radio, and
> > your radiation in to the air stays exactly the same. All that will
> > change is the heat will be somewhere other than your radios finals,
> > protecting it. Can anyone confirm or deny?
> >
> > Ant

24843. Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 17:32:50 UTC
From: ldgelectronics
Topic: 24802 Message: 24843

Peter,

Very nice post. Most autotuners tuner for the lowest SWR, but a few of them actually measure the impedance that it is matching to. Once you think about it, matching to impedance is not always the best way to do it. Although I know which ones do and don't, it's not my place to name names here.

For LDG tuners, we take the approach of matching for maximum power transfer. We feel this is a better way to do it because not all transmitters are 50 ohms. Again, I won't name names or models, but I can say that there are quite a few radios that are not 50 ohms.

So thinking on those lines, suppose a transmitter is 40 ohms. By looking for the maximum power transfer, you match the 40 ohms of the radio to the mismatch of the antenna to give the most amount of forward power while minimizing the reverse power. If the tuner was only matched the antenna at 50 ohms, there would still be a bit of mismatch between the tuner and the radio.

We see this occasionally when someone calls and says they measured the impedance of their antenna with an analyzer and the antenna should be within the tuning range of the tuner. But then they can't get the tuner to match. That's because they forgot about the other half of the equation. They assumed the radio was 50 ohms and it may or may not be.

Unfortunately, there are no easy ways for the average user to determine the impedance of their transmitter. The good part is that most autotuners that look for maximum power transfer take care of that for you now.

On the topic of finding the minimum SWR, again most autotuners do and but some don't. Since all LDG tuners look for the maximum power transfer, it automatically ends up with the lowest possible SWR that it can find.

There was a manufacturer a few years ago started this rumor by claiming that their tuner looked for the lowest SWR and the LDG ones stopped at 1.5. This was just a marketing ploy and it worked for a little while. I think we added some words to our manual back then and we rarely see it come up now.

Hope this helps,

Dwayne Kincaid
LDG

> Geoff Blake wrote:
>
> I would have thought that the algorithm used to solve the match in
> an ATU's firmware would attempt to find matches closest to Z0
> first. Any designers care to comment?
>
>
> Some search for the lowest, but some - I think mainly older ones
searched for a value less than say 1.5:1 or whatever the designer
chose. There was a debate on this a while back and I remember Dwayne
Kincaid of LDG posting a msg that theirs search for the lowest.
>
> 73 de Peter - GØFIM / AA3JN
>
>

24844. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 18:19:03 UTC
From: Lew Phelps K6LMP
Topic: 24802 Message: 24844

Very interesting information, thank you, Dwayne.

I have a home-brew transmatch -- not to reject your obviously excellent product, but just because I like to build things.

Given what you've said, would I be better served in fine-tuning the antenna tuner to read the power meter (I use an external LDG meter), rather than SWR? Or start with SWR and bring it down, then fine-tune with a power reading?

Thanks,

Lew K6LMP

24845. Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-03 19:44:43 UTC
From: ldgelectronics
Topic: 24802 Message: 24845

Lew,

In your case, you are still using the tuner to match the radio to the antenna, so the minimum SWR will come out to have the maximum power transfer.

Remember that an SWR meter is nothing more than a forward power meter and a reverse power meter combined. So the lowest SWR "is" the most power forward and the least power reflected.

You have to be a little careful with an external meter as those are also designed to work only at 50 ohms. A wattmeter like a Bird 43 will give very strange readings with anything other than 50 ohms. That's why you can't put a wattmeter on the "antenna" side of the tuner (unless the tuner is in bypass) and get a meaningful reading.

So it's possible to run into the same problem with the transmitter not being at 50 ohms giving a slightly off reading on an external meter.

The bottom line is you have to make the radio happy (we're talking modern solid state radios). Whatever setting it takes to get the radio to put out the most amount of power with the least reflected is the right setting.

Dwayne Kincaid
LDG

> Very interesting information, thank you, Dwayne.
>
> I have a home-brew transmatch -- not to reject your obviously
> excellent product, but just because I like to build things.
>
> Given what you've said, would I be better served in fine-tuning the
> antenna tuner to read the power meter (I use an external LDG meter),
> rather than SWR? Or start with SWR and bring it down, then fine-tune
> with a power reading?
>
> Thanks,
>
> Lew K6LMP
>

24846. Re: [FT897] Digest Number 3143

Yahoo group: FT897 (2009)
Date: 2009-02-03 22:55:50 UTC
From: Jim
Topic: 24846 Message: 24846

Pat,
By your description, what you have is an undesirable situation, which
is at certain frequencies, your antenna begins at the FT-897d coax
connector. Your selected tuner, the FJ-945e, is not set up to tune a
dipole antenna, but can do such under certain specific situations which
are described in the tuner manual. Please refer to this manual, and you
will notice the following:
"WARNING: To avoid problems, a dipole antenna should be a full half-wave
on the lowest band.
On 160 meters, an 80 or 40 meter antenna fed the normal way will be
extremely reactive with only
a few ohms of feedpoint resistance. Trying to load an 80 meter (or
higher frequency) antenna on
160 meters can be a disaster for both your signal and the tuner. The
best way to operate 160 with
an 80 or 40 meter antenna is to load either or both feedline wires (in
parallel) as a longwire. The
antenna will act like a "T" antenna worked against the station ground."

To answer your question, the best SWR is the one displayed and measured
at the Radio Output connector.

73
Jim M
.....

Tuner SWR or Radio SWR
<http://groups.yahoo.com/group/FT897/message/24802;_ylc=X3oDMTJybDYxMHBiBF9TAzk3MzU5NzE1BG
dycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzI0ODAyBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1l
AzEyMzM1ODMxMzA->

Posted by: "pmn1spg" patpics@...
<mailto:patpics@...?Subject=%20Re%3ATuner%20SWR%20or%20Radio%20SWR>
pmn1spg <http://profiles.yahoo.com/pmn1spg>

Sun Feb 1, 2009 9:55 pm (PST)

I have a MFJ-945E tuner connected to my 897D. I am using a OCF dipole.
I notice that when the SWR on the tuner is at it's lowest the reading
on the radio is up a bit. When I get it down on the radio the reading
on the tuner goes up. Depending on band this can be over 3:1 on the
tuner when 1:1 on the radio.

Which is best to adjust for, the reading on the radio or on the tuner?

Why would the readings be close on some bands and very far off on others?

Thanks
Pat L
AI4NW

24847. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 01:36:15 UTC
From: Jim
Topic: 24802 Message: 24847

The maximum power theorem says that maximum power is trans when the load matches the source impedance. When that situation exists, 50% of the power is dissipated in the load and 50% in the source. While in small signal circuits, you want maximum power transfer, and you want the feedline to match the antenna, you normally want the source impedance to be much lower than the load in a power circuit. That way power reflected from the antenna mismatch, will be reflected back towards the antenna. If the transmitter impedance matches the reflected power will be converted to heat in the transmitter. As an extreme example, imagine what would happen if the power company matched it's generator for maximum load and the load is 20 megawatts. If maximum power is transferred, the generator would also dissipate 20 megawatts and it would need a lot of cooling and power would be wasted. Instead they make the generator a low impedance, so even though you don' t have maximum power transfer, you don't burn up the generator. The same principle applies to the RF final stage of a transmitter. You don't want to put 100 watts into the antenna and also dissipate 100 watts in the final stage, so the solution is to build the final stage so it has a lower impedance than the feedline to get maximum efficiency with power going tothe antenna and not in the finals. At the antenna you want to keep the reflected power to a minimum. The tuner should keep the swr the radio sees from the antenna mismatch and feedline match from damaging the output stages due to high voltage.

ldgelectronics wrote:
>
> Lew,
>
> In your case, you are still using the tuner to match the radio to the
> antenna, so the minimum SWR will come out to have the maximum power
> transfer.
>
> Remember that an SWR meter is nothing more than a forward power meter
> and a reverse power meter combined. So the lowest SWR "is" the most
> power forward and the least power reflected.
>
> You have to be a little careful with an external meter as those are
> also designed to work only at 50 ohms. A wattmeter like a Bird 43 will
> give very strange readings with anything other than 50 ohms. That's
> why you can't put a wattmeter on the "antenna" side of the tuner
> (unless the tuner is in bypass) and get a meaningful reading.
>
> So it's possible to run into the same problem with the transmitter not
> being at 50 ohms giving a slightly off reading on an external meter.
>

> The bottom line is you have to make the radio happy (we're talking
> modern solid state radios). Whatever setting it takes to get the radio
> to put out the most amount of power with the least reflected is the
> right setting.
>
> Dwayne Kincaid
> LDG
>
> > Very interesting information, thank you, Dwayne.
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> > I have a home-brew transmatch -- not to reject your obviously
> > excellent product, but just because I like to build things.
> >
> > Given what you've said, would I be better served in fine-tuning the
> > antenna tuner to read the power meter (I use an external LDG meter),
> > rather than SWR? Or start with SWR and bring it down, then fine-tune
> > with a power reading?
> >
> > Thanks,
> >
> > Lew K6LMP
> >
>
>

24848. Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 01:51:38 UTC
From: Patrick Lynch
Topic: 24802 Message: 24848

Thanks to everyone who responded and put thoughtful time into this issue. I have gotten so many different answers, guesses and completely unrelated comments I figure no one knows. I do appreciate the level of consideration given here as compare to another group I submitted the question to.

Tonight I tried an experiment and added another meter to the mix.

First the chain went like this:

Radio - Diamond SWR Meter - MFJ Tuner - Antenna

The point here was to see if the diamond SWR meter agreed with the SWR meter on the radio.
It did.

Then The chain went like this:
Radio - MFJ Tuner - Diamond SWR Meter - Antenna

The point of this was to see if the diamond SWR meter agreed with the MFJ meter.
It did
Now, please know that I did re-calibrate the Diamond SWR meter each time I adjusted the controls on the MFJ tuner.

What I learned is that the differing SWR readings I am seeing on the MFJ and the radio are really different.
Something I suspected was proven. As I adjust the tuner for the lowest reading on the radio (higher on the tuner) The forward power reading on the Ddiamond increased between the tuner and the antenna.

So it appears to me that the meter to watch for when adjusting is the SWR meter on the radio. I know there are allot of buts and I am saying SWR which can bring up many other points and arguments. When it came down to measuring there was more forward power after the tuner to the antenna as the reflected power reading on the tuner went up and the SWR reading on the radios meter went down.

Why? I have not figured this out yet but I do not believe it is a flaw in my station layout or equipment.

I am using an off center feed dipole. Forgive me it is a radiowavz. It will soon be replaced. You live, you learn.
The antenna is supposed to work on 40,20,10 meters without a tuner.
Well, I need a tuner. With my MFJ I can tune 60M-10M and get away with 6 Meters
The bands where the antenna is designed to work are the bands where

the MFJ meter and radio meters agree or are very close to agreeing.
I suspect that the bands where I see a big difference are the band
that are a struggle for the tuner. i.e 12 meters.

So thats where I am at now.
Any thoughts are welcome and appreciated.

Thanks
Pat Lynch
AI4NW

24849. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 02:10:44 UTC
From: Paul Graham
Topic: 24802 Message: 24849

You get differing reading because of a missmatch between the radio and the SWR meter. Like I said in my last post, this happened to me. As I said, and as you have found, you are correct to go with the reading on the radio. try changing the patch lead for one of a different length or use a male-male adaptor and see what happens then (this is something I didn't try, I simply used the meter on the radio and ignored the one on the tuner).

I am suprised no-one else has said they have had this problem before.

Paul
2E0RAK

From: Patrick Lynch <patpics@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 4 February, 2009 1:51:38
Subject: [FT897] Re: Tuner SWR or Radio SWR

Thanks to everyone who responded and put thoughtful time into this issue. I have gotten so many different answers, guesses and completely unrelated comments I figure no one knows. I do appreciate the level of consideration given here as compare to another group I submitted the question to.

Tonight I tried an experiment and added another meter to the mix.

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It did.

Then The chain went like this:
Radio - MFJ Tuner - Diamond SWR Meter - Antenna

The point of this was to see if the diamond SWR meter agreed with the MFJ meter.
It did
Now, please know that I did re-calibrate the Diamond SWR meter each time I adjusted the controls on the MFJ tuner.

What I learned is that the differing SWR readings I am seeing on the MFJ and the radio are really different.
Something I suspected was proven. As I adjust the tuner for the lowest reading on the radio (higher on the tuner) The forward power reading on the Ddiamond increased between the tuner and the antenna.

So it appears to me that the meter to watch for when adjusting is the SWR meter on the radio. I know there are allot of buts and I am saying SWR which can bring up many other points and arguments. When it came down to measuring there was more forward power after the tuner to the antenna as the reflected power reading on the tuner went up and the SWR reading on the radios meter went down.

Why? I have not figured this out yet but I do not believe it is a flaw in my station layout or equipment.

I am using an off center feed dipole. Forgive me it is a radiowavz. It will soon be replaced. You live, you learn.
The antenna is supposed to work on 40,20,10 meters without a tuner. Well, I need a tuner. With my MFJ I can tune 60M-10M and get away with 6 Meters
The bands where the antenna is designed to work are the bands where the MFJ meter and radio meters agree or are very close to agreeing. I suspect that the bands where I see a big difference are the band that are a struggle for the tuner. i.e 12 meters.

So thats where I am at now.
Any thoughts are welcome and appreciated.

Thanks
Pat Lynch
AI4NW

[Non-text portions of this message have been removed]

24850. Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 06:17:04 UTC
From: richie_judson
Topic: 24802 Message: 24850

Let the auto tuner provide the match to the feeder, and the RF will
resonate on the correct length dipole it sees fit.
Richie H J
G0RHJ

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> On Monday 02 February 2009 02:21:23 Geoff Blake wrote:
> > On Sun, 1 Feb 2009, Gary Altig wrote:
> >
> > [snip]
> >
> > > -The perfect match does not equate to the greatest
> > > transmitted signal. (Proof: dummy loads give great
> > > SWR readings)
> >
> > I'm sorry, I must be a bit slow today, can you please explain
> > this to me.
> >
> > Thanks Geoff
>
> This brings up a question that I have about autotuners, and, I
guess, tuners
> in general. If I have an antenna tuned for multiple bands, but not
the one I
> want to use, and use an autotuner on it, couldn't it have a low SWR at
> multiple points. For instance, if the tuner was running into a fan
dipole
> that was three dipoles cut for different bands, would there be a
separate low
> SWR for each dipole. One of the dipoles would have a better
transmitted
> signal than the other two, but how could I get the tuner to pick the
correct
> low SWR point? In other words, how could I get a tuner to choose
the best
> dipole for my frequency?
>
> For another example, if a multi-element, multi-band vertical were to
be used
> on a band it for which it was not tuned, could an (auto)tuner match the
> shortest element instead of a longer one that is a better choice for
the
> transmitted frequency? Is there a way to help an autotuner to chose
the

> better one? I imagine that one could calculate a match for the better
> elements and start a manual tuner there to look for the lowest SWR;
do people
> do this?
>
> 73,
> kg4jix randy.
>

24851. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-04 06:46:16 UTC
From: JAMES AMBURN
Topic: 24828 Message: 24851

Thanks Peter,
You are correct. No audio transmitted in any mode. I connected a key and in cw mode I get a tone but no transmit power. I tried keying the mike and then the key and I can transmit code in to a dummy load and see the power out on the external power meter. I had not tried this operation before. I still can not modulate the carrier in AM, FM or SSB. I do get a carrier in AM and FM mode when I key the mike. This could indicate a transmit relay problem in that the mike output is not being switched with the mike button depressed. Does any one else have a suggestion?
Thanks, Jim N0TUI

----- Original Message -----
From: P Grant<mailto:ei4hxperimental@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, February 02, 2009 3:09 PM
Subject: Re: [FT897] No modulation

Hello Jim
Difficult to understand what your problem is on first
reading, but I will ask the question...
When you say , no modulation, I presume you mean no audio
transmitted when you transmit. ???
You are right to test the microphone as first suspect, I do'nt like
these Telecom / broadband plugs and sockets on modern radios
and michrophones.
Pull out the mike plug from thefront of the 798 and look in at the row
of wire edge connections... do they look all right to you... have another look with a magnifier
and see if you can see any breakage.
No Joy, well move on to testing the mike itself.You say the
SWR checks out on keying the mike so thats OK. So the PTT is all right...
I have no manual to hand at present, but you can check the
value of the mike insert, and test out the mike pins for the (continuity)...
... corresponding reading. Note the mike pins used, and then
the more difficult part... Checking for continuity INSIDE the radio.
Plug the mike back in the front of the rig, and find the corresponding
connection inside the mike connection.....
Check the value of the insert at the inside of the plug inside the radio.
Hopefully this will show up the problem, as a faulty mike socket...
If that is it you are lucky... if not I'll read up my manual, and
see if I can think of anything else to try.
You said not working on all bands or modes ???
Have you tried CW and Digital modes, have you played around
with mike gain and all the settings on power levels and audio levels.
Do'nt rush off to post back the radio there are some great Yaesu
Radio Men still around, on this forum, with more ideas than me as

I am not familiar with "inside " this small radio. I'm afraid it is all Magnifier for me when I open the covers, at my age....
I hope this will encourage more replies, as the day is still young.
Best 73 for now... de Peter EIHX _._

----- Original Message -----
From: james.amburn
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Sent: Monday, February 02, 2009 8:26 PM
Subject: [FT897] No modulation

This looks like a return to Yaesu for repair,but does any one have a suggestion? Turned on my FT-897 this morning and had no modulation on any band or mode, tried another mike same problem. The PA is working can tune and a check swr. Thanks in advance. Jim N0TUI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24852. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-04 12:57:57 UTC
From: Jim
Topic: 24828 Message: 24852

The manual says there is a user setting for the modulation. Check that first and then I would check the mike and make sure it is operating.

The technical manual I have says: The audio signal from the microphone jack on the MIC unit is amplified by audio amplifier q1109, (2sc4154e) pm the main unit, and then is applioed to electronic volume control IC Q1087 (m62364EP). The level of which is set via the User Menu.

The Mic Unit consists of the RJ45 socket, and JP4701 where it connects to the main board. The pins on the mic jack are as follows:
1. mic -DNv
2.mic - UP
3. 5v
4 mic gnd
5. MIC
6. PTT
7. GND
8. POSW

JAMES AMBURN wrote:
>
> Thanks Peter,
> You are correct. No audio transmitted in any mode. I connected a key
> and in cw mode I get a tone but no transmit power. I tried keying the
> mike and then the key and I can transmit code in to a dummy load and
> see the power out on the external power
> meter. I had not tried this operation before. I still can not modulate
> the carrier in AM, FM or SSB. I do get a carrier in AM and FM mode
> when I key the mike. This could indicate a transmit relay problem in
> that the mike output is not being switched with the mike button
> depressed. Does any one else have a suggestion?
> Thanks, Jim N0TUI
>
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> From: P Grant<mailto:ei4hxperimental@...
> <mailto:ei4hxperimental%40eircom.net>>
> To: FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>>
> Sent: Monday, February 02, 2009 3:09 PM
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> transmitted when you transmit. ???
> You are right to test the microphone as first suspect, I do'nt like
> these Telecom / broadband plugs and sockets on modern radios
> and michrophones.
> Pull out the mike plug from thefront of the 798 and look in at the row
> of wire edge connections... do they look all right to you... have
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> No Joy, well move on to testing the mike itself.You say the
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> I have no manual to hand at present, but you can check the
> value of the mike insert, and test out the mike pins for the
> (continuity)...
> ... corresponding reading. Note the mike pins used, and then
> the more difficult part... Checking for continuity INSIDE the radio.
> Plug the mike back in the front of the rig, and find the corresponding
> connection inside the mike connection.....
> Check the value of the insert at the inside of the plug inside the radio.
> Hopefully this will show up the problem, as a faulty mike socket...
> If that is it you are lucky... if not I'll read up my manual, and
> see if I can think of anything else to try.
> You said not working on all bands or modes ???
> Have you tried CW and Digital modes, have you played around
> with mike gain and all the settings on power levels and audio levels.
> Do'nt rush off to post back the radio there are some great Yaesu
> Radio Men still around, on this forum, with more ideas than me as
> I am not familiar with "inside " this small radio. I'm afraid it is all
> Magnifier for me when I open the covers, at my age....
> I hope this will encourage more replies, as the day is still young.
> Best 73 for now... de Peter EIHX _._
>
> ----- Original Message -----
> From: james.amburn
> To: FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>
> Sent: Monday, February 02, 2009 8:26 PM
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> suggestion? Turned on my FT-897 this morning and had no modulation on
> any band or mode, tried another mike same problem. The PA is working
> can tune and a check swr. Thanks in advance. Jim N0TUI
>
> [Non-text portions of this message have been removed]
>
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>
>

24853. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-04 14:06:34 UTC
From: scott martin
Topic: 24841 Message: 24853

Look here. I use this with mine and it works great. I had to mess with the SO-239 connector a little bit but, nice tripod for the antenna http://bluestarantennas.com/sales//catalog/

Scott Martin(ki4msj)
FireFighter/EMT
US Army MP/CLS

--- On Tue, 2/3/09, gardfire5 <gardfire5@...> wrote:

From: gardfire5 <gardfire5@...>
Subject: [FT897] Atas 120
To: FT897@yahoogroups.com
Date: Tuesday, February 3, 2009, 10:20 AM

I am using an Atas 120 with my 897 and I am wondering if there is any tripod that I can use with it for camping trips. I know that there are some tripods out there for the outback and what not. If you have any ideas or better yet pictures to help me make my own that would be great.
Patrick J Saucier
KB1QVJ

Also trying to work all states anyone want to set up a time to meet let me know. 73

[Non-text portions of this message have been removed]

24854. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-04 14:25:17 UTC
From: kc3vo@aol.com
Topic: 24828 Message: 24854

If there has been any tampering with the ribbon cable to the front panel, that can cause the problem, if damaged or improperly seated. CW operation, as described, seems NORMAL. CW keying is influenced by setting the menu items regarding VOX, BK IN, Semi BK IN, and keyer. (see manual, CW operation)-

73, KC3VO-Bob Curry
**********Stay up to date on the latest news - from sports scores to stocks and so much more. (http://aol.com?ncid=emlcntaolcom00000022)

[Non-text portions of this message have been removed]

24855. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-04 14:45:01 UTC
From: Jim
Topic: 24841 Message: 24855

If you use that tripod, the most versatile one would be the one with the NMO because you can get an NMO to to 239 adapter, but I don't think you can get a 239 to nmo adapter. So if you get it with the NMO fitting, you can use it with other antennas years down the road.

scott martin wrote:
>
>
> Look here. I use this with mine and it works great. I had to mess with
> the SO-239 connector a little bit but, nice tripod for the antenna
> http://bluestarantennas.com/sales//catalog/
> <http://bluestarantennas.com/sales//catalog/>
>
> Scott Martin(ki4msj)
> FireFighter/EMT
> US Army MP/CLS
>
> --- On Tue, 2/3/09, gardfire5 <gardfire5@...
> <mailto:gardfire5%40yahoo.com>> wrote:
>
> From: gardfire5 <gardfire5@... <mailto:gardfire5%40yahoo.com>>
> Subject: [FT897] Atas 120
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Tuesday, February 3, 2009, 10:20 AM
>
> I am using an Atas 120 with my 897 and I am wondering if there is any
> tripod that I can use with it for camping trips. I know that there are
> some tripods out there for the outback and what not. If you have any
> ideas or better yet pictures to help me make my own that would be
> great.
> Patrick J Saucier
> KB1QVJ
>
> Also trying to work all states anyone want to set up a time to meet let
> me know. 73
>
> [Non-text portions of this message have been removed]
>
>

24856. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-04 15:30:04 UTC
From: David Kb7uns
Topic: 24841 Message: 24856

Larsen makes an adapter sometimes hard to find.

Part # A4
http://www.larsen-antennas.com/docfiles/ASB9/PartsAccessoriesTools.pdf
http://www.tessco.com/products/displayProductInfo.do?sku=93832&eventPage=1

David Kb7uns

----- Original Message -----
From: "Jim" <liteways@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, February 04, 2009 6:45 AM
Subject: Re: [FT897] Atas 120

> If you use that tripod, the most versatile one would be the one with
> the NMO because you can get an NMO to to 239 adapter, but I don't think
> you can get a 239 to nmo adapter. So if you get it with the NMO
> fitting, you can use it with other antennas years down the road.
>
> scott martin wrote:
>>
>>
>> Look here. I use this with mine and it works great. I had to mess with
>> the SO-239 connector a little bit but, nice tripod for the antenna
>> http://bluestarantennas.com/sales//catalog/
>> <http://bluestarantennas.com/sales//catalog/>
>>
>> Scott Martin(ki4msj)
>> FireFighter/EMT
>> US Army MP/CLS
>>

24857. Re: [FT897] No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-04 17:25:47 UTC
From: P Grant
Topic: 24828 Message: 24857

Hi James
The worst has not happened, BUT,
You said previously that you could key the PTT and get a power out reading on
a (swr) meter ...
You now sey you tried to key up in CW mode,,,, NO Transmit power, only a tone, I expect
from the loud speaker...
This has me stumped compleetly....
Have you tried to read the mike insert resistance on an ohm meter ???
And checked the mike cable and plug on the inside of the FT897D.
There is a conflict here, I do'nt understand, it has to be the mike circuit, but no RF on
CW output, I do'nt know...
keep looking.
73 for now
de Peter EI4HX
----- Original Message -----
From: JAMES AMBURN
To: FT897@yahoogroups.com
Sent: Wednesday, February 04, 2009 6:46 AM
Subject: Re: [FT897] No modulation

Thanks Peter,
You are correct. No audio transmitted in any mode. I connected a key and in cw mode I get a
tone but no
eply (via web post) | Start a new topic

Messages | Files | Photos | Links | Database | Polls | Calendar
MARKETPLACE

From kitchen basics to easy recipes - join the Group from Kraft Foods

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Daily Digest | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe Recent Activity
a.. 27New Members
b.. 1New Photos
c.. 6New Files
Visit Your Group
Drive Traffic
Sponsored Search

can help increase

your site traffic.

Group Charity
i-SAFE

Keep your kids

safer online

Yahoo! Groups
Cat Zone

Connect w/ others

who love cats.
.

[Non-text portions of this message have been removed]

24858. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 18:04:10 UTC
From: Jim
Topic: 24802 Message: 24858

I found a link in wikipedia that will help explain the maximum power transfer theorem. It helps to understand why the impedance of the radio should be much less than 50 ohms

http://en.wikipedia.org/wiki/Maximum_power_theorem

I will quote part of it.

In electrical engineering </wiki/Electrical_engineering>, the *maximum power (transfer) theorem* states that, to obtain /maximum/ external power from a source with a finite internal resistance </wiki/Electrical_resistance>, the resistance of the load must be made the same as that of the source. It is claimed that Moritz von Jacobi </wiki/Moritz_von_Jacobi> was first to discover the maximum power (transfer) theorem which is referred to as "Jacobi's law </wiki/Moritz_von_Jacobi#Jacobi.27s_Law>".

The theorem </wiki/Theorem> applies to maximum /power/, and not maximum /efficiency/. If the resistance of the load is made larger than the resistance of the source, then efficiency is higher, since most of the power is generated in the load, but the overall power is lower since the total circuit resistance goes up.

If the internal impedance is made larger than the load then most of the power ends up being dissipated in the source, and although the total power dissipated is higher, due to a lower circuit resistance, it turns out that the amount dissipated in the load is reduced.

and the part that is easily confused by hams

Maximizing power transfer versus power efficiency

The theorem was originally misunderstood (notably by Joule </wiki/James_Prescott_Joule>) to imply that a system consisting of an electric motor driven by a battery could not be more than 50% efficient since, when the impedances were matched, the power lost as heat in the battery would always be equal to the power delivered to the motor. In 1880 this assumption was shown to be false by either Edison </wiki/Thomas_Edison> or his colleague Francis Robbins Upton </wiki/Francis_Robbins_Upton>, who realized that maximum efficiency was not the same as maximum power transfer. To achieve maximum efficiency, the resistance of the source (whether a battery or a dynamo </wiki/Dynamo>) could be made close to zero. Using this new understanding, they obtained an efficiency of about 90%, and proved that the electric motor was a practical alternative to the heat engine </wiki/Heat_engine>.

Bottom line is you want the antenna and feedline to match, but not the radio. You want the radio to see a low amount of reflected power from the antenna and feed line.

Jim wrote:
> The maximum power theorem says that maximum power is trans when the
> load matches the source impedance. When that situation exists, 50% of
> the power is dissipated in the load and 50% in the source. While in
> small signal circuits, you want maximum power transfer, and you want
> the feedline to match the antenna, you normally want the source
> impedance to be much lower than the load in a power circuit. That
> way power reflected from the antenna mismatch, will be reflected back
> towards the antenna. If the transmitter impedance matches the
> reflected power will be converted to heat in the transmitter. As an
> extreme example, imagine what would happen if the power company
> matched it's generator for maximum load and the load is 20 megawatts.
> If maximum power is transferred, the generator would also dissipate 20
> megawatts and it would need a lot of cooling and power would be
> wasted. Instead they make the generator a low impedance, so even
> though you don' t have maximum power transfer, you don't burn up the
> generator. The same principle applies to the RF final stage of a
> transmitter. You don't want to put 100 watts into the antenna and
> also dissipate 100 watts in the final stage, so the solution is to
> build the final stage so it has a lower impedance than the feedline to
> get maximum efficiency with power going tothe antenna and not in the
> finals. At the antenna you want to keep the reflected power to a
> minimum. The tuner should keep the swr the radio sees from the
> antenna mismatch and feedline match from damaging the output stages
> due to high voltage.
>

24859. Re: [FT897] Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-04 18:15:33 UTC
From: Charles Scott
Topic: 24802 Message: 24859

Ant:

Not really.

Think of it this way. Many antennas have reactive elements used to make them resonant at one or more operating frequency (loading coils, capacity hats, etc). I don't think anyone would argue that having or not having those elements directly affects the behavior of the antenna and the amount of energy that's radiated. So, how much difference is there between having those reactive components in the middle of the antenna, at the base or feed point of the antenna, inside a box at the base or feed point of the antenna, or some distance down a transmission line? Clearly there's some, but in all cases the use of those elements do directly affect the current and voltage at the antenna and therefore the amount of energy radiated.

As to the multiple elements of a fan dipole or other multi-band antenna, consider that the antenna presents a particular complex impedance that is the result of all elements of the antenna, whether they are resonant or not. It is that impedance against which the tuner serves to provide a match.

So, yes, there's a clear difference in the amount of energy radiated in addition to how much energy ends up consumed as heat in the transmitter.

Chuck - N8DNX

Ant wrote:
>
> My (very) limited understanding is that an ATU changes what the radio
> sees, not the antenna. So X amount of signal is going to being coming
> out wherever it is, whatever element, and nothing the tuner can do will
> change that. So the lowest Z it can find is best for your radio, and
> your radiation in to the air stays exactly the same. All that will
> change is the heat will be somewhere other than your radios finals,
> protecting it. Can anyone confirm or deny?
>
> Ant
>
>

24860. FT-897 AND FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-02-05 01:59:53 UTC
From: robert mcleod sr
Topic: 24860 Message: 24860

Hello to all. Gota question....I have MIXW running and am trying out fldigi now. Using a MFJ-1279m, MIXW does very well. I cannot get FLDIGI to key the transmitter as at all, using the same parameters as MIXW. Anybody out there using the 897 on FLDIGI? Thanks in advance....Cliff....WB4DPP/NNN0JKI

24861. Re: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 01:42:18 UTC
From: Dan Schaaf
Topic: 24652 Message: 24861

We don't need no stinking sunspots to work DX. We just have to work a little harder with our ear and skills.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: W2BDP
To: FT897@yahoogroups.com
Sent: Friday, January 16, 2009 8:26 PM
Subject: Re: [FT897] Antenna tuner vs. antenna analyzer

On Sat, 17 Jan 2009 00:38:45 -0000, you wrote:

>Hi:
>
>In the early stages of setting up my first HF outfit--897D linked to a
>Super Antenna. I have no trouble hearing stations on 10 and 20 meters.
>Heard Italy loud and clear on 20 meters. Problem is that no one is
>hearing me.
>
>One suggestion is to drop the counterpoise that comes with the Super
>Antenna and drop a quarter-wave radial out my window. The antenna is
>just inside my apartment window, mounted on a tripod.
>
>I am getting high SWR readings when I transmit and I am getting two
>somewhat opposing sets of advice. One group says to get a tuner. No
>surprise there since I always assumed I would probably need one. I
>intend to get the LDG tuner that mates with the 897
>
>But other people I have talked to tell me what I really want is an
>antenna analyzer rather than a tuner. Not sure I understand the
>difference.
>
>Would anyone like to give me their best advice on tuner vs. analyzer
>to bring down a high SWR reading.
>
>Thanks
>
>Gordon
>K2GLW
>
If it is one counterpoise, it must be the correct length for the band you want to operate. You could try multiple radials "counterpoise" cut for each band. You could try just laying them on the floor and out the

window. The more the better in any direction you can. Don't know if flat 4 or 6 wire cable is sold, but could cut each wire for a certain band. A little bit nicer looking.
An antenna analyzer is nice to have, which I do, but it won't be much help with a short vertical.
My apartment antenna is a square 5 foot loop inside a double window and a SGC tuner. Tunes great. About 80 feet of zip cord is used in the loop.

My only problem is that after having a great DX station and now in an apartment, I have lost interest and if I live long enough for the next cycle I may get some interest back. After all, working 10mtr dx with a wet noodle can be really fun.
>-----------------------------------
>
>Yahoo! Groups Links
>
>
>

Ken...W2BDP

[Non-text portions of this message have been removed]

24862. Re: [FT897] Antenna tuner vs. antenna analyzer

Yahoo group: FT897 (2009)
Date: 2009-01-17 18:32:01 UTC
From: Dan Schaaf
Topic: 24652 Message: 24862

Truer words never spoken.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: <km3dr@...>
To: <FT897@yahoogroups.com>
Sent: Saturday, January 17, 2009 1:23 PM
Subject: Re: [FT897] Antenna tuner vs. antenna analyzer

> Gordon, before you purchase additional equipment, IMO you should make sure
> you understand the basic principles of the antenna. Counterpoise is very
> important along with other basic things. I ?an tune my MP1 any where from
> 40 to 10 and down to 80 with thee extra coil. And this is without a tuner
> or other equipment. Take the antenna outside away from things that can
> interfere and you my see different results, but by all means, learn the
> antenna first.
> De Lee / KM3DR
> Sent from my BlackBerry? smartphone with Nextel Direct Connect
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

24863. Re: [FT897] What would be the best HF Linear amplifier for a FT-897D with a Chameleon V1?

Yahoo group: FT897 (2009)
Date: 2009-01-24 21:57:46 UTC
From: Dan Schaaf
Topic: 24686 Message: 24863

Take a close look at the Tokyo HyPower amps. I use one and it is fantastic. And the tech support from Tokyo is unmatched.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: Dennis Willson
To: FT897@yahoogroups.com
Sent: Saturday, January 24, 2009 4:31 PM
Subject: Re: [FT897] What would be the best HF Linear amplifier for a FT-897D with a Chameleon V1?

You are not very specific on your requirements for "the best HF Linear amplifier".
From your posting I assume the following:
Multi-band HF
<= 300 Watts

But... How are you going to use it?
Dx-pedition
Contesting, Field day type
Contesting, from home
Rag chewing
Occasional short conversations but need a little extra punch

Is this strictly for Base operations or mobile, portable?
Is size a constraint?
Any other bells/whistles you want the amp to have? (automatic tuning,etc...)

One thing to consider and something that will effect price is the Xmit duty cycle. If you contest you will need a higher duty cycle which will cost a little more and normally be physically bigger, not to mention a bit more expensive.

If you do field day type contesting it needs to be able to take some extra punishment while if it is just sitting on your desk all the time that is not as near important.

So as people give their opinions, they are referring to how they use their equipment even though that may not be specified. So if a contester says a certain amp doesn't last long, that doesn't mean it won't work just fine for rag chewing...

The more specific you are with your requirements and usage the better
the answers you will get.

chameleon_antenna wrote:
> Hi,
>
> I own a Yaesu FT-897D for few months now and I just love it. I also
> have a very good Chameleon V1 HF Multiband Antenna (Max power: 350 Watts).
>
> I would like to know what would be the best (but not too expensive)HF
> Linear amplifier for it. I would like to output around 250 Watts.
>
> Thanks
>
> Carl
> KI6TRA
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--

Dennis Willson

taz@...
http://www.taz-mania.com

Ham (Extra Class w/code): KA6LSW (ARRL Diamond Member)
GMRS : WQGF680
Scuba: Rescue Diver, EANx, Wreck, Night, Alt,
Equip, UW Photographer, Gas Blender

Life should not be a journey to the grave with the intention of
arriving safely in a nice looking and well preserved body, but rather
to skid in broadside, thoroughly used up, totally worn out, and loudly
proclaiming, "WOW! WHAT A RIDE!"

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24864. Re: [FT897] 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-01-31 20:35:56 UTC
From: Dan Schaaf
Topic: 24780 Message: 24864

It is good for PSK and extremely good for CW in pileups. Not for SSB, AM or FM.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: kybarney
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 2:26 PM
Subject: [FT897] 300HZ or 500HZ CW filter?

I was looking at W4RT and saw there are two types of CW filters. The
300HZ filter is advertised for contesting and PSK. Would this also be
a good filter for everyday ragchewing or should I go with the 500HZ
filter?

Is the 2.3KHZ filter a good option for SSB? I think there are only 2
slots in the radio and you can only have 1 CW and 1 SSB filter, each.

Any input is appreciated.

Thanks,
Kyle

[Non-text portions of this message have been removed]

24865. Re: [FT897] Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-01 01:27:55 UTC
From: Dan Schaaf
Topic: 24761 Message: 24865

What is BHI DSP?

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: tenorman1952
To: FT897@yahoogroups.com
Sent: Saturday, January 31, 2009 7:50 PM
Subject: [FT897] Re: BHI DSP from W4RT

I've just posted sound samples of my results with the BHI DSP.

Paul
AE5JU

[Non-text portions of this message have been removed]

24866. filtering for VHF FM?

Yahoo group: FT897 (2009)
Date: 2009-02-05 05:45:53 UTC
From: Ant
Topic: 24866 Message: 24866

I have a problem with my location and my 897d. My location has several high power VHF pager channels just above the ham band, and I get a lot of bleed through(?) when monitoring within the VHF ham band. Some mates of mine use a frequency on VHF, and do not use CTCSS. I am unable to sit on the side of the frequency due to only having so much patience for this interference. The other guys are using motorola commercial radios, and have no problems with RX at all. It is not my location, as I took my radio one of the other stations home and used his antenna, and the problem only occurred with my 897d. Incidentally my VX-1R handheld has the same problem.

Is there any filters available for the 897, or something already in it that I can use that solve this problem? The digital interference rates up to about S7 on the meter.

Thanks,
Ant

24867. 2 METER SSB & FM GROUP IN KANSAS

Yahoo group: FT897 (2009)
Date: 2009-02-02 16:02:30 UTC
From: Kelly
Topic: 24867 Message: 24867

Anyone interested in 2 meter SSB or Fm operation in the Kansas/Oklahoma area might check out my group dedicated that small aspect of amateur radio. Just search "kansas2meter" under Yahoo! Groups.

http://groups.yahoo.com/group/kansas2meter/?yguid=102053925

or try the url above. It might work that way.

Thanks and 73's KC0LRM

24868. Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-02 21:41:17 UTC
From: simon.worsley
Topic: 24868 Message: 24868

The ATU should to be last in line right?

I overheard a heated discussion on HF this afternoon, where someone said it is best to put the ATU inline before the amp.

Views?

Thanks, Simon

24869. SQ 9 MLL Artr - at tuner

Yahoo group: FT897 (2009)
Date: 2009-02-03 12:35:41 UTC
From: 161rc021 Art
Topic: 24869 Message: 24869

Hello at all :)
Hello Paul :)

i has decided to take at100pro :)
tnx for help with choice ;)

rgds

SQ 9 MLL Art

24870. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-03 16:41:43 UTC
From: k4zoo@comcast.net
Topic: 24841 Message: 24870

HELLO PATRICK

DO STILL NEED VIRGINIA FER WAS? I WOULD LIKE 2 TRY IF U LIKS?
I ALSO RUN A FT 897 IN THE MOBILE WITH HAM STICKS. LET ME KNOW WE R QRV ON ALL BANDS.

73 DE RAY K4ZOO FM08 VIRGINIA
----- Original Message -----
From: gardfire5
To: FT897@yahoogroups.com
Sent: Tuesday, February 03, 2009 10:20 AM
Subject: [FT897] Atas 120

I am using an Atas 120 with my 897 and I am wondering if there is any
tripod that I can use with it for camping trips. I know that there are
some tripods out there for the outback and what not. If you have any
ideas or better yet pictures to help me make my own that would be
great.
Patrick J Saucier
KB1QVJ

Also trying to work all states anyone want to set up a time to meet let
me know. 73

[Non-text portions of this message have been removed]

24871. SQ 9 MLL - choice of at tuner

Yahoo group: FT897 (2009)
Date: 2009-02-03 16:49:33 UTC
From: SQ 9 MLL Art
Topic: 24841 Message: 24871

Hello at all :)
Hello Paul :)
Thank`s to all for hlep with choice of AT Tuner.
I has decided to tak AT 100 Pro by LDG.
thank`s a lot
SQ9MLL Art

[Non-text portions of this message have been removed]

24872. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-03 15:36:29 UTC
From: Isser Rubelow
Topic: 24841 Message: 24872

I am looking into buying the ATAS-120A. Does it need a tuner?

Where can I find more documention on it? I tried Yaesu's website but I couldn't find anything on it.

Isser
KC2UKW

[Non-text portions of this message have been removed]

24873. Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-02 15:08:55 UTC
From: dave.stockton
Topic: 24873 Message: 24873

Hi Folks,

Does anyone have an idiots guide to programming the memorys on a 897d.
I've had a look at the manual but lost intrest very quickly. Tried the
old method of keep hitting buttons but aint got any where.
What i need is something like:

1: Enter memory
2: Hit knob so and so
3. memory stored.
4. Call it a name - say repeater 1

Thats all really,

Can't be to difficult can it.....????????

Or is it?

Dave- In Snowy England..........BBBBRRRrrrrrrrrrrrrr

24874. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 06:25:20 UTC
From: Joe
Topic: 24873 Message: 24874

Re-read the damned manual!

No seriously, get a 'pocket' book called the Nifty Mini Manual.

Go to www.niftyaccessories.com and look for the 857D/897D manual. If memory serves, it is around $18.00 bucks. I think I also saw one on eBay in the Yaesu FT-897D section. Ok, I did..here is the URL:
http://cgi.ebay.com/Yaesu-FT-897-FT-897D-Quick-Reference-Guide-FT897_W0QQitemZ310084388597QQihZ021QQcategoryZ15050QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

Or, go to eBay.com and search for item number 310084388597

Programming the 897D can be a chore. It took me forever to learn enough to get by. As my 897D is strictly a shack back-up and field/camping radio, it doesn't get used much so I have to refer to the mini-manual for some menu settings.

Have fun!

Joe Wolfe
WA6RKN

----- Original Message -----
From: "dave.stockton" <dave.stockton@...>
Subject: [FT897] Programing memorys

> Hi Folks,
>
> Does anyone have an idiots guide to programming the memorys on a 897d.
> I've had a look at the manual but lost intrest very quickly. Tried the
> old method of keep hitting buttons but aint got any where.
> What i need is something like:

24875. Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:03:48 UTC
From: kc3vo@aol.com
Topic: 24868 Message: 24875

ATU--ANTENNA tuning unit-It will NOT tune the antenna UNLESS it is connected to THE ANTENNA! If you connect it between the radio and the amp, it would tune to the input of the amplifier, not the antenna,and any worthwhile, properly designed, HAM amplifier will not require an antenna tuner to present a reasonable match to your radio.--73, KC3VO, Bob Curry
**********Stay up to date on the latest news - from sports scores to stocks and so much more. (http://aol.com?ncid=emlcntaolcom00000022)

[Non-text portions of this message have been removed]

24876. Frequency Counter

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:09:43 UTC
From: Joe
Topic: 24876 Message: 24876

Does anyone know of a small frequency counter that could be wired into an FT-897D, easily, that is 12 volt powered abd light enough to be double taped or screwed to the roof of my truck?

I want one that reads the VFO shen driving in my truck, I can easily see the frequency when I am driving. (This is not an 18 wheeler...it is a 1977 Chevy 2 wheel drive I use to pull my show car in its enclosed trailer around the country.)

It is a real pain to try and drive and dial in a freq at the same time. For some reason, none of the drivers around my truck like it very much and always end up honking at me!

Joe Wolfe
WA6RKN

24877. Re: [FT897] Re: BHI DSP from W4RT

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:13:16 UTC
From: Joe
Topic: 24761 Message: 24877

Ahhh..Dan..you missed the thread...it is a nifty little board that goes inside the 897/897D to give you AF-DSP capability.

Read up on it here: http://www.w4wb.com/BHI/DSP-897.htm

Got one on order for my rig!

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Dan Schaaf" <dan-schaaf@...>
Subject: Re: [FT897] Re: BHI DSP from W4RT

> What is BHI DSP?

24878. Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:15:16 UTC
From: Geoff Blake
Topic: 24868 Message: 24878

On Mon, 2 Feb 2009, simon.worsley wrote:

> The ATU should to be last in line right?
>
> I overheard a heated discussion on HF this afternoon, where someone
> said it is best to put the ATU inline before the amp.
>
> Views?

It is not views that you want, it is facts, and these facts will
depend on what you want to do..

By all means, if you want to match the output of the 897 to the
input of the amp, then put the ATU between the 897 and the amp.

OTOH, if like most people you wish to improve the match of the
aerial to the output of the amp, then the ATU belongs between the
amp and the aerial.

There are certain advantages to place the ATU at the aerial end of
the feeder, but generally putting it at the TX end (in this case
the amp end) will suffice.

Geoff

>
> Thanks, Simon
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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of the sender.

24879. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:33:28 UTC
From: Carl Wulfestieg
Topic: 24873 Message: 24879

Dave-
The following may help you. I don't bother to "name" my memory locations. I usually keep the memory locations in numerical order by frequency, and then remember or write down the various frequencies and what it is. Having said that . . . .
Here we go:

1. Tune in frequency

2. Set up CTCSS Tone
a. Press "F" momentarily
b. Select multi-function row "e"
c. Press (A)(TON) to activate tone encoder [TEN]
d. To change CTCSS frequency press (A)(TON) 1 second
e. Rotate dial to select proper frequency
f. Press and hold "F" to save new setting

3. Press "F" momentarily

4. Select multi-function row "b"

5. Press (A)(MW) momentarily

6. Rotate MEM/VFO/CH knob to select channel for storage

7. Press and hold (A)(MW) for 1 second (2nd beep)

You've probably guessed that you have to store the info in a memory channel to make it work.
Follow the above steps exactly and you should be in business. Good Luck.

73 Carl, WZ4CW SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

24880. Re: [FT897] Frequency Counter

Yahoo group: FT897 (2009)
Date: 2009-02-05 07:43:05 UTC
From: Carl Wulfestieg
Topic: 24876 Message: 24880

Did you ever consider the FT-857D? Some people get it because it has a removable control head that can be mounted (with cable) where you can see it while driving. Otherwise, mount the FT-897D in some way and position so you can see it while driving. Alternatively, stop driving while you are adjusting the transceiver?
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

24881. Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 09:59:49 UTC
From: P Grant
Topic: 24868 Message: 24881

Or to put it another way,
The radio has an unbalanced 50 ohm in / out put,
The Amplifier has an unbalanced 50 ohm input / output,
The ATU has an unbalanced 50 ohm input,
and you try to arange an unbalanced 50 ohm output with the
ATU by adjusting the L:C ratio to get the best Match,
to keep the finals of the amplifier happy.
73's all de Peter EI4HX _._
----- Original Message -----
From: kc3vo@...
To: FT897@yahoogroups.com
Sent: Thursday, February 05, 2009 7:03 AM
Subject: Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

ATU--ANTENNA tuning unit-It will NOT tune the antenna UNLESS it is connected
to THE ANTENNA! If you connect it between the radio and the amp, it would
tune to the input of the amplifier, not the antenna,and any worthwhile,
properly designed, HAM amplifier will not require an antenna tuner to present a
reasonable match to your radio.--73, KC3VO, Bob Curry
**********Stay up to date on the latest news - from sports scores to
stocks and so much more. (http://aol.com?ncid=emlcntaolcom00000022)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24882. Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:20:48 UTC
From: Jim
Topic: 24868 Message: 24882

the atu between the antenna and the amp.

simon.worsley wrote:
>
> The ATU should to be last in line right?
>
> I overheard a heated discussion on HF this afternoon, where someone
> said it is best to put the ATU inline before the amp.
>
> Views?
>
> Thanks, Simon
>
>

24883. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:22:28 UTC
From: Jim
Topic: 24841 Message: 24883

The ATAS120 is self tuning. You dont need a tuner and it won't work
with a tuner because it gets it's DC power from the radio

WB8QGT

Isser Rubelow wrote:
>
> I am looking into buying the ATAS-120A. Does it need a tuner?
>
> Where can I find more documention on it? I tried Yaesu's website but I
> couldn't find anything on it.
>
> Isser
> KC2UKW
>
>
> [Non-text portions of this message have been removed]
>
>

24884. Re: [FT897] SQ 9 MLL - choice of at tuner

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:25:06 UTC
From: Jim
Topic: 24841 Message: 24884

I decided to get the AT200 pro, in case I get a radio with more than
100 watts out in the future.

SQ 9 MLL Art wrote:
>
>
> Hello at all :)
> Hello Paul :)
> Thank`s to all for hlep with choice of AT Tuner.
> I has decided to tak AT 100 Pro by LDG.
> thank`s a lot
> SQ9MLL Art
>
> [Non-text portions of this message have been removed]
>
>

24885. Re: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:30:47 UTC
From: Jim
Topic: 24868 Message: 24885

IF you put it between the radio and the amp, you will have to have a
second one to match that amp to the antenna or risk damaging the amp.
Since the input of the amp is designed to match , there is little use
for it at that point. It will not buy you anything there. at the
output of the amp it will.

Geoff Blake wrote:
>
> On Mon, 2 Feb 2009, simon.worsley wrote:
>
> > The ATU should to be last in line right?
> >
> > I overheard a heated discussion on HF this afternoon, where someone
> > said it is best to put the ATU inline before the amp.
> >
> > Views?
>
> It is not views that you want, it is facts, and these facts will
> depend on what you want to do..
>
> By all means, if you want to match the output of the 897 to the
> input of the amp, then put the ATU between the 897 and the amp.
>
> OTOH, if like most people you wish to improve the match of the
> aerial to the output of the amp, then the ATU belongs between the
> amp and the aerial.
>
> There are certain advantages to place the ATU at the aerial end of
> the feeder, but generally putting it at the TX end (in this case
> the amp end) will suffice.
>
> Geoff
>
> >
> > Thanks, Simon
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> >

>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu.org/philosophy/no-word-attachments.html
> <http://www.gnu.org/philosophy/no-word-attachments.html>>
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>

24886. RE: [FT897] filtering for VHF FM?

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:31:09 UTC
From: Eric van de Weyer
Topic: 24866 Message: 24886

Hi Ant,

We used to be really badly plagued with it here in Sydney, especially in the eastern suburbs and there is a fairly simple way to reduce the problem drastically BUT there is a caveat. On receive, you can put a T piece in the antenna line close to the radio and then put a 1/4 wave open stub cut for the pager frequency. To make it, calculate the length needed (don't forget the velocity factor of the coax) and then connect a piece of coax to a connector to mate with the T piece. Now, carefully trim back the coax until you get maximum attenuation of the pager signal. You will still be able to here the wanted signals as long as they are not right at the band edge.

Now the caveat, the open circuit stub looks like a short circuit at its resonant frequency and a bit either side of it so you MUST remove it from the line when you transmit otherwise your transmitter will be looking into an almost short. There are a few ways you can do this and two that I have used in the past are as follows. One involved making up a special T piece in a small copper box with a relay in circuit which left the antenna connected to the radio all the time but disconnected the stub , by opening the relay contacts, when the PTT is pressed. The other way is to use the relay contacts to short the open end of the stub during transmit. This changes it to a shorted stub which makes it look like an open circuit to the transmitter.

As I said, I have used both methods successfully in my mobile installation many years ago and for a number of years. We now have CTCSS on the output of our repeater so I no longer need the stub.

It is also possible to buy filters specifically made to do this job. Jenlex filters in Melbourne used to make them but they were fairly pricey but effective. I think they will design and manufacture to order. A quick Google search just showed that they still exist.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ant
Sent: Thursday, 5 February 2009 16:46
To: FT897@yahoogroups.com
Subject: [FT897] filtering for VHF FM?

I have a problem with my location and my 897d. My location has several high power VHF pager channels just above the ham band, and I get a lot of bleed through(?) when monitoring within the VHF ham band. Some mates of mine use a frequency on VHF, and do not use CTCSS. I am unable to sit on the side of the frequency due to only having so much patience for this interference. The other guys are using motorola commercial radios,

and have no problems with RX at all. It is not my location, as I took my radio one of the other stations home and used his antenna, and the problem only occurred with my 897d. Incidentally my VX-1R handheld has the same problem.

Is there any filters available for the 897, or something already in it that I can use that solve this problem? The digital interference rates up to about S7 on the meter.

Thanks,
Ant

Yahoo! Groups Links

24887. RE: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:33:55 UTC
From: Eric van de Weyer
Topic: 24868 Message: 24887

Hi Simon,

You are exactly correct. The job of the ATU is to help match the antenna system (includes the antenna and transmission line) to the transmitter so it MUST be the last thing before the antenna system.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of simon.worsley
Sent: Tuesday, 3 February 2009 08:41
To: FT897@yahoogroups.com
Subject: [FT897] Radio, into ATU then into Amp or Radio into Amp then into ATU ?

The ATU should to be last in line right?

I overheard a heated discussion on HF this afternoon, where someone said it is best to put the ATU inline before the amp.

Views?

Thanks, Simon

Yahoo! Groups Links

24888. Re: [FT897] Frequency Counter

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:35:59 UTC
From: Jim
Topic: 24876 Message: 24888

Get a frequency counter and put a small antenna on it and it will read out the frequency when you transmit. However, you will have to tune, then transmit, then tune again if it isn't right, Another way is to use the memories. There is a mike you can get that you can enter the freq from the mike or enter the desired memory channel.

Joe wrote:
>
> Does anyone know of a small frequency counter that could be wired into an
> FT-897D, easily, that is 12 volt powered abd light enough to be double
> taped
> or screwed to the roof of my truck?
>
> I want one that reads the VFO shen driving in my truck, I can easily
> see the
> frequency when I am driving. (This is not an 18 wheeler...it is a 1977
> Chevy 2 wheel drive I use to pull my show car in its enclosed trailer
> around
> the country.)
>
> It is a real pain to try and drive and dial in a freq at the same
> time. For
> some reason, none of the drivers around my truck like it very much and
> always end up honking at me!
>
> Joe Wolfe
> WA6RKN
>
>

24889. RE: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:38:09 UTC
From: Eric van de Weyer
Topic: 24873 Message: 24889

Hi Dave,

Have you thought about using one of the programming/control programs such as FTBasicMMO? You can set it all up with the computer on screen. All you need is the CAT interface cable between the computer and the radio. They can be found on Ebay quite cheaply, I believe or you can make your own, which is what I did.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of dave.stockton
Sent: Tuesday, 3 February 2009 02:09
To: FT897@yahoogroups.com
Subject: [FT897] Programing memorys

Hi Folks,

Does anyone have an idiots guide to programming the memorys on a 897d.
I've had a look at the manual but lost intrest very quickly. Tried the old method of keep hitting buttons but aint got any where.
What i need is something like:

1: Enter memory
2: Hit knob so and so
3. memory stored.
4. Call it a name - say repeater 1

Thats all really,

Can't be to difficult can it.....????????

Or is it?

Dave- In Snowy England..........BBBBRRRrrrrrrrrrrrrr

Yahoo! Groups Links

24890. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:42:43 UTC
From: Jim
Topic: 24873 Message: 24890

I think this can be simplified

1. set radio to frequency and setting you want to use.
2. press "F" momentarily to activate the function rows and change to
multifuntion row "b"
3. Press programible button A, momentarily (the one with the MW above
it. MW is Memory Write)
4. Rotate MEM/VFO knob to select channel for storage
5. Press anmd hold button A, (MW) for 1 second until you hear the beep

Carl Wulfestieg wrote:
>
> Dave-
> The following may help you. I don't bother to "name" my memory
> locations. I usually keep the memory locations in numerical order by
> frequency, and then remember or write down the various frequencies and
> what it is. Having said that . . . .
> Here we go:
>
> 1. Tune in frequency
>
> 2. Set up CTCSS Tone
> a. Press "F" momentarily
> b. Select multi-function row "e"
> c. Press (A)(TON) to activate tone encoder [TEN]
> d. To change CTCSS frequency press (A)(TON) 1 second
> e. Rotate dial to select proper frequency
> f. Press and hold "F" to save new setting
>
> 3. Press "F" momentarily
>
> 4. Select multi-function row "b"
>
> 5. Press (A)(MW) momentarily
>
> 6. Rotate MEM/VFO/CH knob to select channel for storage
>
> 7. Press and hold (A)(MW) for 1 second (2nd beep)
>
> You've probably guessed that you have to store the info in a memory
> channel to make it work.
> Follow the above steps exactly and you should be in business. Good Luck.
>
> 73 Carl, WZ4CW SKCC 918, FISTS 13491
>

> [Non-text portions of this message have been removed]
>
>

24891. RE: [FT897] Frequency Counter

Yahoo group: FT897 (2009)
Date: 2009-02-05 12:46:44 UTC
From: Eric van de Weyer
Topic: 24876 Message: 24891

Another possibility is to get John Hansen's Millenium QSYer, which hooks up to the CAT interface, and use it to keyboard enter the frequency directly. I have several of them and they are invaluable. It will even set the correct mode for the part of the band you go to, in the US anyhow.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Carl Wulfestieg
Sent: Thursday, 5 February 2009 18:43
To: FT897@yahoogroups.com
Subject: Re: [FT897] Frequency Counter

Did you ever consider the FT-857D? Some people get it because it has a removable control head that can be mounted (with cable) where you can see it while driving. Otherwise, mount the FT-897D in some way and position so you can see it while driving. Alternatively, stop driving while you are adjusting the transceiver?
88 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

Yahoo! Groups Links

24892. Re: [FT897] Frequency Counter

Yahoo group: FT897 (2009)
Date: 2009-02-05 13:00:00 UTC
From: Jim
Topic: 24876 Message: 24892

OR get the MH36E8j mike from yaesu

http://tinyurl.com/adkgru

http://images.google.com/imgres?imgurl=http://www.randl.com/binary/dataimages/yaesu/mh36e8j.jpg&imgrefurl=http://www.rlham.com/cgi-bin/shop/modellookup.dbw%3FMODEL%3DMH36E8J&usg=__9MIiboTsnKhe4cKJ5aMVp51roJQ=&h=645&w=779&sz=83&hl=en&start=2&sig2=QwOOVak6-DiHyqXwtZLcAg&um=1&tbnid=euOJ8RRD50UBFM:&tbnh=118&tbnw=142&ei=W-KKScvXOpeENeOT0MoH&prev=/images%3Fq%3DMH-36E8J%26um%3D1%26hl%3Den%26rls%3Dcom.microsoft:en-us:IE-SearchBox%26rlz%3D1I7HPIC%26sa%3DN

Eric van de Weyer wrote:
>
> Another possibility is to get John Hansen's Millenium QSYer, which
> hooks up
> to the CAT interface, and use it to keyboard enter the frequency
> directly. I
> have several of them and they are invaluable. It will even set the correct
> mode for the part of the band you go to, in the US anyhow.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of Carl
> Wulfestieg
> Sent: Thursday, 5 February 2009 18:43
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] Frequency Counter
>
> Did you ever consider the FT-857D? Some people get it because it has a
> removable control head that can be mounted (with cable) where you can
> see it
> while driving. Otherwise, mount the FT-897D in some way and position
> so you
> can see it while driving. Alternatively, stop driving while you are
> adjusting the transceiver?
> 88 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

24893. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 13:28:20 UTC
From: Carl Wulfestieg
Topic: 24873 Message: 24893

You're right, it can be simplified. But what if you need CTCSS tones for a repeater?
88 Carl WZ4CW

[Non-text portions of this message have been removed]

24894. Stizarbiznucks

Yahoo group: FT897 (2009)
Date: 2009-02-05 13:31:49 UTC
From: Thomas McGough
Topic: 24894 Message: 24894

Joe,

Let me do some checking & I will get back to you. I may have something in mind I only have to do some checking on the frequency range's of the meter.

73' from Elkton,Md
KB3IPN/Tom

From: Joe <WA6RKN@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 5, 2009 2:09:43 AM
Subject: [FT897] Frequency Counter

Does anyone know of a small frequency counter that could be wired into an FT-897D, easily, that is 12 volt powered abd light enough to be double taped or screwed to the roof of my truck?

I want one that reads the VFO shen driving in my truck, I can easily see the frequency when I am driving. (This is not an 18 wheeler...it is a 1977 Chevy 2 wheel drive I use to pull my show car in its enclosed trailer around the country.)

It is a real pain to try and drive and dial in a freq at the same time. For some reason, none of the drivers around my truck like it very much and always end up honking at me!

Joe Wolfe
WA6RKN

[Non-text portions of this message have been removed]

24895. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 13:43:22 UTC
From: Larry D. Barr
Topic: 24873 Message: 24895

Get the ADMS-4B programming software from RT Systems and do it all with
your computer. I have the RT software for every radio I own and wouldn't
be without it.

73,
ldb
K5WLF

dave.stockton wrote:
> Hi Folks,
>
> Does anyone have an idiots guide to programming the memorys on a 897d.
> I've had a look at the manual but lost intrest very quickly. Tried the
> old method of keep hitting buttons but aint got any where.
> What i need is something like:
>
> 1: Enter memory
> 2: Hit knob so and so
> 3. memory stored.
> 4. Call it a name - say repeater 1
>
> Thats all really,
>
> Can't be to difficult can it.....????????
>
> Or is it?
>
> Dave- In Snowy England..........BBBBRRRrrrrrrrrrrrrr
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

24896. Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-05 14:06:40 UTC
From: tenorman1952
Topic: 24802 Message: 24896

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> I found a link in wikipedia that will help explain the maximum
power
> transfer theorem. It helps to understand why the impedance of the
radio
> should be much less than 50 ohms
>

Here is a good link explaining impedance, also, from my friend Bill Lieske's site. And I would say he knows a little about antennas.

http://www.emrcorp.com/techinfo.html Read, or download/save "The Fifty ohm Enigma".

Bill's company not only makes commercial antenna gear, duplexers, etc, but Bill is one heck of a good saxphonist, too, which is how I know him.

Paul
tenorman1952
AE5JU

24897. Re: Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 15:12:40 UTC
From: George
Topic: 24841 Message: 24897

You do not need a tuner, as it is a screwdriver type antenna. The tuner is built into the radio/antenna combination. Once you tell the radio by setting up the correct configuration menues that an atlas antenna is connected all you need to do is dial to the frequency you desire to use and press the tune button on the radio. The radio/antenna does the rest. Look in the manual for the 897 and it does explain the use of it there. Remember it is only good for 70cm-40m and wont auto tune on 80 or 160.

I've had one for about 9 months and it works great!

George
kc0woa

--- In FT897@yahoogroups.com, "Isser Rubelow" <irubelow@...> wrote:
>
> I am looking into buying the ATAS-120A. Does it need a tuner?
>
> Where can I find more documention on it? I tried Yaesu's website but I couldn't find anything on it.
>
> Isser
> KC2UKW
>
>
> [Non-text portions of this message have been removed]
>

24898. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 16:06:31 UTC
From: P Grant
Topic: 24841 Message: 24898

google it.... "AT120" Universal Radio have them @ $89.95
if they work they seem reasonably priced.
cheers Peter EI4HX _._
----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Thursday, February 05, 2009 12:22 PM
Subject: Re: [FT897] Atas 120

>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

24899. Re: [FT897] SQ 9 MLL - choice of at tuner

Yahoo group: FT897 (2009)
Date: 2009-02-05 16:14:37 UTC
From: Jim Webster
Topic: 24841 Message: 24899

Much better choice. I have one, good luck.
Jim KI6PYZ

From: SQ 9 MLL Art <rc021@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 3, 2009 8:49:33 AM
Subject: [FT897] SQ 9 MLL - choice of at tuner

Hello at all :)
Hello Paul :)
Thank`s to all for hlep with choice of AT Tuner.
I has decided to tak AT 100 Pro by LDG.
thank`s a lot
SQ9MLL Art

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24900. Re: Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 17:03:45 UTC
From: George
Topic: 24841 Message: 24900

Peter,

The price you mentioned is just for the counterpoise kit for the
antenna. If you look on the left side of the page on the Universal
Radio site their price for the antenna itself is $359.95

George
kc0woa

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
> google it.... "AT120" Universal Radio have them @ $89.95
> if they work they seem reasonably priced.
> cheers Peter EI4HX _._
>

24901. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 20:32:57 UTC
From: Jim
Topic: 24873 Message: 24901

THe object is to get the frequency to work first then save it.
Alternately you can put the frequencies in and when you use them, make
the corrections needed and re save them. So if you break it down into
the modules, /1. set up the frequency to save and 2. the actual saving,
while number 1 will change depending on what band you are on, number 2
will always be the same procedure.

Thats my story and I'm stickin to it.

Carl Wulfestieg wrote:
>
> You're right, it can be simplified. But what if you need CTCSS tones
> for a repeater?
> 88 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>
>

24902. Re: [FT897] Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 20:35:51 UTC
From: Jim
Topic: 24841 Message: 24902

The ATAS 120 is a different animal than the AT120.

P Grant wrote:
>
> google it.... "AT120" Universal Radio have them @ $89.95
> if they work they seem reasonably priced.
> cheers Peter EI4HX _._
> ----- Original Message -----
> From: Jim
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Thursday, February 05, 2009 12:22 PM
> Subject: Re: [FT897] Atas 120
>
>

24903. Re: [FT897] Re: Atas 120

Yahoo group: FT897 (2009)
Date: 2009-02-05 20:37:17 UTC
From: Jim
Topic: 24841 Message: 24903

I would think it wouldn't take a lot to make your won counterpoise out
of wire or tubing cut to the right length

George wrote:
>
> Peter,
>
> The price you mentioned is just for the counterpoise kit for the
> antenna. If you look on the left side of the page on the Universal
> Radio site their price for the antenna itself is $359.95
>
> George
> kc0woa
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "P
> Grant" <ei4hxperimental@...> wrote:
> >
> > google it.... "AT120" Universal Radio have them @ $89.95
> > if they work they seem reasonably priced.
> > cheers Peter EI4HX _._
> >
>
>

24904. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-05 20:56:05 UTC
From: dave.stockton@yahoo.com
Topic: 24873 Message: 24904

Thanks folks. Will have a play at the weekend.My units on standby this week so can't play with it this week. Dave S
Sent from my BlackBerry? wireless device

-----Original Message-----
From: Jim <liteways@...>

Date: Thu, 05 Feb 2009 15:32:57
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] Programing memorys

THe object is to get the frequency to work first then save it.
Alternately you can put the frequencies in and when you use them, make
the corrections needed and re save them. So if you break it down into
the modules, /1. set up the frequency to save and 2. the actual saving,
while number 1 will change depending on what band you are on, number 2
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Thats my story and I'm stickin to it.

Carl Wulfestieg wrote:
>
> You're right, it can be simplified. But what if you need CTCSS tones
> for a repeater?
> 88 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

24905. Re: [FT897] BIAS settings-FET drift

Yahoo group: FT897 (2009)
Date: 2009-02-05 21:31:28 UTC
From: kc3vo@aol.com
Topic: 24873 Message: 24905

I wonder how many readers are aware that FET D.C. bias settings have been known to DRIFT, often to a lower value, during the first 6 months to one year of operation? Some manufacturers deliberately set the initial levels high, so that, after time, they wil be near normal. One manufacturer sets the bias at 2.0 amperes for NEW devices, knowing that a year later, it will settle close to the desired value of 1.6 amperes. (If it really bothers you, adjust it every 6 months!)--After 2 years of use, drift is normally much less.---Buy a three year old, used radio, and check/adjust it?--73, KC3VO, Bob Curry

24906. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-05 23:13:19 UTC
From: Jim
Topic: 24802 Message: 24906

It is a pretty good write up but he assumes that the exciter has to match the PA. The two stages really only have to match each other in "small signal" situations, like the receiver stages. In power stages you don't need the exciter to match and it is better if it is a lower impedance that the PA, just as it is better the the PA output impedance to be lower than the 50 ohms of the feed line.
He is mixing up or confusing "Maximum power transfer" with "efficiency" The greatest efficiency will be when the power source has a lower impedance that what it is feeding. Take for example a 1 KW power amp. If the amp has the same impedance as the feed line and antenna, to put 1,000 Watts into the antenna, the amp will also have to dissipate 1,000 Watts, because at maximum power transfer 50% is in the load and 50% isin the source. However if it is a lower impedance, then a greater percentage of the power can be dissipated in the antenna than in the source and the PA doesn't have to use as much power and can run cooler.

Again, consider a power station generating many megawatts of power. It has a load of Rload, and in internal resistance in the generator of Rgen. Maximum power transfer will occur when Rload = Rgen . However, a 100 megawatt machine would require a lot of cooling, so instead the Rgen is much smaller to reduce generator losses. The same thing applies to RF

tenorman1952 wrote:
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> <liteways@...> wrote:
> >
> > I found a link in wikipedia that will help explain the maximum
> power
> > transfer theorem. It helps to understand why the impedance of the
> radio
> > should be much less than 50 ohms
> >
>
> Here is a good link explaining impedance, also, from my friend Bill
> Lieske's site. And I would say he knows a little about antennas.
>
> http://www.emrcorp.com/techinfo.html
> <http://www.emrcorp.com/techinfo.html> Read, or download/save "The
> Fifty ohm Enigma".
>
> Bill's company not only makes commercial antenna gear, duplexers,
> etc, but Bill is one heck of a good saxphonist, too, which is how I
> know him.

>
> Paul
> tenorman1952
> AE5JU
>
>

24907. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 01:13:12 UTC
From: eric@van-de-weyer.org
Topic: 24802 Message: 24907

Hi Jim,

firstly, you are not comparing apples with apples. The situation with the power station is NOT the same as with the transmitter and the antenna so it is not valid to use one as an example for the other.

In the case of the power station, you have a source which is connected to millions of loads, all in parallel. each one only wants to use the amount of power it needs to do what it has to do so, for instance, you might have a generator capable of, say, 1000W which can power a 1000W lamp or it might be called on to supply 10 x 100W lamps, or 100 10W lamps. The 1000W lamp might ent up with virtually the same resistance as the generator's internal resistance but the 100W ones would have 10 times the resistance, and the 10w ones would have 100 times the resistance each but when all put in parallel the equivalent resistance is the same as the 1000W one.

On the other hand, with the transmitter and antenna system, which consists of everything between the output of the transmitter and the antenna itself (antenna, feed lines, tuner, interconnecting cables etc.) we are not using a source which we want to connect to a lot of loads, we are trying to get the maximum power transferred between the transmitter and the antenna and the only way to do that is to have the impedances matching. This is the most efficient way as at any other setting the power dissipated in one or the other will not be optimum.

Here is an exercise we get the students to do on a course to demonstrate the principle (Jacobi's Theorum).

This is an exercise question. The purpose of this exercise is to demonstrate a VERY important MUST KNOW concept. I hope for you to discover the concept for yourself. (It does not only apply to batteries.) All cells (or batteries) have an internal resistance. So when you connect a battery to a load the equivalent circuit is a battery and two resistors in series. One resistor represents the internal resistance of the battery and the other represents the load.

So take any battery, to make the math easy I would give it a nice round voltage such as 10 volts.

Now draw two resistors connected to the battery in series with each other.

One resistor represents the internal resistance of the battery and the other is the load. (The load is the device the battery is supplying power too)

I would choose an easy resistance, say 10 ohms. (10 ohms is a ridiculously high internal resistance but that is not the object here.)

So if you chose my suggested values you would have a 10 Volt battery connected in series with two 10 Ohm resistors. Rinternal is the internal resistance of the battery which does not change and Rload is the load resistance.

Now calculate the power in watts dissipated in the load resistor (Rload)

Method:
? Add the resistances together to get the total resistance.
? Find the total current. (I=E/R)
? Find the power dissipated in Rload by using P = I2 * Rload

Now INCREASE the load resistor (Rload) so that is higher than Rinternal and calculate the power in watts dissipated in the load again. Make a note of it.

Now DECREASE the load resistor (Rload) so that it is lower than Rinternal and calculate the power in watts dissipated in Rload. Make a note of it.

Compare the three results.

1. When the load resistance (Rload) is equal to the internal resistance of the battery (the source).
2. When the load resistance (Rload) is greater than the internal resistance of the source.
3. When the load resistance (Rload) is less than the internal resistance of the source.

From this exercise it can be seen that, only when the source and load resistances are the same, will the maximum power be transferred. If the load is higher or lower than the source less power will be transferred than the maximum possible. if the load is lower, the source will be overloaded as it will be called on to deliver more than it was designed for and if the load is higher the source will not be caled on to deliver as much as it is designed to so either way it is not delivering the most it can to the load.

Efficiency is not really a term that can be used in this situation as we are trying to get all the power we are generating in the transmitter into the antenna and therefore out onto the airwaves. Efficiency is only valid in relation to the amount of power that we have to put into the transmitter to achieve the required output so, for instance, if we have a 100W transmitter which draws 200W from the power supply to achieve this output then it is 50% efficient but if we have one which needs the same 200W input but only gives us 50W out, then it is only 25% efficient. This is normally governed by the type of amplifier we are using.

73....Eric VK2VE

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Jim <liteways@...>
>Date: Thu, 05 Feb 2009 18:13:19 -0500
>Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
>Reply-To: FT897@yahoogroups.com
>

>
>It is a pretty good write up but he assumes that the exciter has to
>match the PA. The two stages really only have to match each other in
>"small signal" situations, like the receiver stages. In power stages
>you don't need the exciter to match and it is better if it is a lower
>impedance that the PA, just as it is better the the PA output impedance

>to be lower than the 50 ohms of the feed line.
>He is mixing up or confusing "Maximum power transfer" with "efficiency"

>
>The greatest efficiency will be when the power source has a lower
>impedance that what it is feeding. Take for example a 1 KW power
>amp. If the amp has the same impedance as the feed line and antenna,
>to put 1,000 Watts into the antenna, the amp will also have to dissipate
>
>1,000 Watts, because at maximum power transfer 50% is in the load and
>50% isin the source. However if it is a lower impedance, then a greater
>
>percentage of the power can be dissipated in the antenna than in the
>source and the PA doesn't have to use as much power and can run cooler.

>
>Again, consider a power station generating many megawatts of power. It

>has a load of Rload, and in internal resistance in the generator of
>Rgen. Maximum power transfer will occur when Rload = Rgen . However,

>
>a 100 megawatt machine would require a lot of cooling, so instead the
>Rgen is much smaller to reduce generator losses. The same thing applies
>
>to RF
>
>
>tenorman1952 wrote:
>>
>> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
>> <liteways@...> wrote:
>> >
>> > I found a link in wikipedia that will help explain the maximum
>> power
>> > transfer theorem. It helps to understand why the impedance of the
>> radio
>> > should be much less than 50 ohms
>> >
>>
>> Here is a good link explaining impedance, also, from my friend Bill
>> Lieske's site. And I would say he knows a little about antennas.
>>
>> http://www.emrcorp.com/techinfo.html

>> <http://www.emrcorp.com/techinfo.html> Read, or download/save "The
>> Fifty ohm Enigma".
>>
>> Bill's company not only makes commercial antenna gear, duplexers,
>> etc, but Bill is one heck of a good saxphonist, too, which is how I
>> know him.
>>
>> Paul
>> tenorman1952
>> AE5JU
>>
>>
>
>
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>Yahoo! Groups Links
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24908. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 02:21:11 UTC
From: Jim
Topic: 24802 Message: 24908

I understand the maximum power transfer theorem, I studied it in college, and for small signal applications you want maximum power transfer. For any kind of power transfer, be it AC, DC or RF, you want the source impedance to be much lower than the load impedance. The maximum power transfer theorem still holds, but you want the power in the load , not in the source generating heat. The same hold for batteries. IT holds for generators and it holds for RF power amplifiers and final output stages.

Here is the wikipedia explanation
http://en.wikipedia.org/wiki/Maximum_power_theorem

eric@... wrote:
>
> Hi Jim,
>
> firstly, you are not comparing apples with apples. The situation with the
> power station is NOT the same as with the transmitter and the antenna so
> it is not valid to use one as an example for the other.
>
> In the case of the power station, you have a source which is connected to
> millions of loads, all in parallel. each one only wants to use the amount
> of power it needs to do what it has to do so, for instance, you might have
> a generator capable of, say, 1000W which can power a 1000W lamp or it
> might
> be called on to supply 10 x 100W lamps, or 100 10W lamps. The 1000W lamp
> might ent up with virtually the same resistance as the generator's
> internal
> resistance but the 100W ones would have 10 times the resistance, and the
> 10w ones would have 100 times the resistance each but when all put in
> parallel
> the equivalent resistance is the same as the 1000W one.
>
> On the other hand, with the transmitter and antenna system, which consists
> of everything between the output of the transmitter and the antenna itself
> (antenna, feed lines, tuner, interconnecting cables etc.) we are not using
> a source which we want to connect to a lot of loads, we are trying to get
> the maximum power transferred between the transmitter and the antenna and
> the only way to do that is to have the impedances matching. This is
> the most
> efficient way as at any other setting the power dissipated in one or the
> other will not be optimum.
>
> Here is an exercise we get the students to do on a course to demonstrate
> the principle (Jacobi's Theorum).

>
> This is an exercise question. The purpose of this exercise is to
> demonstrate
> a VERY important MUST KNOW concept. I hope for you to discover the concept
> for yourself. (It does not only apply to batteries.) All cells (or
> batteries)
> have an internal resistance. So when you connect a battery to a load the
> equivalent circuit is a battery and two resistors in series. One resistor
> represents the internal resistance of the battery and the other represents
> the load.
>
> So take any battery, to make the math easy I would give it a nice
> round voltage
> such as 10 volts.
>
> Now draw two resistors connected to the battery in series with each other.
>
> One resistor represents the internal resistance of the battery and the
> other
> is the load. (The load is the device the battery is supplying power too)
>
> I would choose an easy resistance, say 10 ohms. (10 ohms is a ridiculously
> high internal resistance but that is not the object here.)
>
> So if you chose my suggested values you would have a 10 Volt battery
> connected
> in series with two 10 Ohm resistors. Rinternal is the internal resistance
> of the battery which does not change and Rload is the load resistance.
>
> Now calculate the power in watts dissipated in the load resistor (Rload)
>
> Method:
> ? Add the resistances together to get the total resistance.
> ? Find the total current. (I=E/R)
> ? Find the power dissipated in Rload by using P = I2 * Rload
>
> Now INCREASE the load resistor (Rload) so that is higher than
> Rinternal and
> calculate the power in watts dissipated in the load again. Make a note of
> it.
>
> Now DECREASE the load resistor (Rload) so that it is lower than Rinternal
> and calculate the power in watts dissipated in Rload. Make a note of it.
>
> Compare the three results.
>
> 1. When the load resistance (Rload) is equal to the internal resistance of
> the battery (the source).
> 2. When the load resistance (Rload) is greater than the internal
> resistance

> of the source.
> 3. When the load resistance (Rload) is less than the internal resistance
> of the source.
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> From this exercise it can be seen that, only when the source and load
> resistances
> are the same, will the maximum power be transferred. If the load is higher
> or lower than the source less power will be transferred than the maximum
> possible. if the load is lower, the source will be overloaded as it will
> be called on to deliver more than it was designed for and if the load is
> higher the source will not be caled on to deliver as much as it is
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> to so either way it is not delivering the most it can to the load.
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> Efficiency is not really a term that can be used in this situation as we
> are trying to get all the power we are generating in the transmitter into
> the antenna and therefore out onto the airwaves. Efficiency is only valid
> in relation to the amount of power that we have to put into the
> transmitter
> to achieve the required output so, for instance, if we have a 100W
> transmitter
> which draws 200W from the power supply to achieve this output then it is
> 50% efficient but if we have one which needs the same 200W input but only
> gives us 50W out, then it is only 25% efficient. This is normally governed
> by the type of amplifier we are using.
>
> 73....Eric VK2VE
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >From: Jim <liteways@... <mailto:liteways%40gmail.com>>
> >Date: Thu, 05 Feb 2009 18:13:19 -0500
> >Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
> >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >
> >
> >It is a pretty good write up but he assumes that the exciter has to
> >match the PA. The two stages really only have to match each other in
> >"small signal" situations, like the receiver stages. In power stages
> >you don't need the exciter to match and it is better if it is a lower
> >impedance that the PA, just as it is better the the PA output impedance
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> >to be lower than the 50 ohms of the feed line.
> >He is mixing up or confusing "Maximum power transfer" with "efficiency"
>
> >
> >The greatest efficiency will be when the power source has a lower
> >impedance that what it is feeding. Take for example a 1 KW power
> >amp. If the amp has the same impedance as the feed line and antenna,
> >to put 1,000 Watts into the antenna, the amp will also have to dissipate

> >
> >1,000 Watts, because at maximum power transfer 50% is in the load and
> >50% isin the source. However if it is a lower impedance, then a greater
> >
> >percentage of the power can be dissipated in the antenna than in the
> >source and the PA doesn't have to use as much power and can run cooler.
>
> >
> >Again, consider a power station generating many megawatts of power. It
>
> >has a load of Rload, and in internal resistance in the generator of
> >Rgen. Maximum power transfer will occur when Rload = Rgen . However,
>
> >
> >a 100 megawatt machine would require a lot of cooling, so instead the
> >Rgen is much smaller to reduce generator losses. The same thing applies
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> >to RF
> >
> >
> >tenorman1952 wrote:
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> >> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>, Jim
> >> <liteways@...> wrote:
> >> >
> >> > I found a link in wikipedia that will help explain the maximum
> >> power
> >> > transfer theorem. It helps to understand why the impedance of the
> >> radio
> >> > should be much less than 50 ohms
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> >>
> >> Here is a good link explaining impedance, also, from my friend Bill
> >> Lieske's site. And I would say he knows a little about antennas.
> >>
> >> http://www.emrcorp.com/techinfo.html
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> >> Fifty ohm Enigma".
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> >> Bill's company not only makes commercial antenna gear, duplexers,
> >> etc, but Bill is one heck of a good saxphonist, too, which is how I
> >> know him.
> >>
> >> Paul
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> >>

> >>
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> >Yahoo! Groups Links
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24909. I need some help setting power output...

Yahoo group: FT897 (2009)
Date: 2009-02-06 04:15:05 UTC
From: Tom
Topic: 24909 Message: 24909

Hello fellow hams!!!
OK...I need a little help understanding how to LIMIT my power output across all HF bands to 20 watts.
Now, I have read the manual and, from what I understand, I can certainly lower my power output power from the 100 watt default setting BUT I can't quite figure out how to do this.
Example: I want to transmit on 20 meters. I want to use 20 watts only. (I am using an TEMPORARY antenna that can accept NO MORE than 20 watts PEP.) (I am in the process of getting materials together in order to build a homebrew 20 meter dipole even as we speak...BUT I want to try to get on the air a.s.a.p.)
Is there a simple way for me to re-set the default output power to 20 watts (across all HF bands?)
My apologize in advance IF this seems like a DUMB question BUT, well, I must be missing something in the manual!!
Thanks...Gracias...well, you get my point and my gratitude for your help with this! Also...although I love electronics and all things pertaining to radio, I am somewhat challenged when it comes to deciphering the *$%*! user manual!! :)
Thanks and of course...
'73s!!!
(also blessings! Can't help that...that is my "minister" coming out!)
Tom KC8TBY

24910. Re: [FT897] Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-06 04:40:00 UTC
From: Jim Webster
Topic: 24873 Message: 24910

Are you the Pro Golfer (Dave Stockton)?
Jim KI6PYZ

From: "dave.stockton@..." <dave.stockton@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 5, 2009 12:56:05 PM
Subject: Re: [FT897] Programing memorys

Thanks folks. Will have a play at the weekend.My units on standby this week so can't play with it this week. Dave S
Sent from my BlackBerry® wireless device

-----Original Message-----
From: Jim <liteways@...>

Date: Thu, 05 Feb 2009 15:32:57
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] Programing memorys

THe object is to get the frequency to work first then save it.
Alternately you can put the frequencies in and when you use them, make
the corrections needed and re save them. So if you break it down into
the modules, /1. set up the frequency to save and 2. the actual saving,
while number 1 will change depending on what band you are on, number 2
will always be the same procedure.

Thats my story and I'm stickin to it.

Carl Wulfestieg wrote:
>
> You're right, it can be simplified. But what if you need CTCSS tones
> for a repeater?
> 88 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

24911. Re: I need some help setting power output...

Yahoo group: FT897 (2009)
Date: 2009-02-06 04:42:18 UTC
From: Bill
Topic: 24909 Message: 24911

> Tom KC8TBY

Go to menu setting #75 and it will allow you to set your output to 20 watts (or whatever you want up to 100.
Once you selct that menu:

Push "F" in for a second or so until "Menu Mode comes up on screen.

Turn Mem/vfo ch knob until "No=075" is displayed on right top corner of the screen.

Turn the MAIN tuning knob to the power you want.

When you have 20 on the screen push the "F" button in again for a second and it will be set.

Bill,
email me if you have trouble or more ???
k3waw@...
>

24912. Re: [FT897] Re: I need some help setting power output...

Yahoo group: FT897 (2009)
Date: 2009-02-06 04:44:24 UTC
From: Kerryguy7
Topic: 24909 Message: 24912

Thanks Bill...just what I needed to know!
Best to you!
'73s!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Bill <stykemup@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 5, 2009 11:42:18 PM
Subject: [FT897] Re: I need some help setting power output...

> Tom KC8TBY

Go to menu setting #75 and it will allow you to set your output to 20
watts (or whatever you want up to 100.
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When you have 20 on the screen push the "F" button in again for a
second and it will be set.

Bill,
email me if you have trouble or more ???
k3waw@...
>

[Non-text portions of this message have been removed]

24913. Re: Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-06 05:02:25 UTC
From: Bill
Topic: 24873 Message: 24913

--- In FT897@yahoogroups.com, "Larry D. Barr" <k5wlf@...> wrote:
>
> Get the ADMS-4B programming software from RT Systems and do it all
with
> your computer. I have the RT software for every radio I own and
wouldn't
> be without it.
>
> 73,
> ldb
> K5WLF

Hi Larry, I agree completely with using the RT programming.
I re-programmed 150+ freq from a file here on this forum and it
replaced all my small memories that are painstaking to enter.
Not only did it fill 150+ in all 11 banks it also opened my 897D
TX/RX completely up.
Sure surprised me,but a nice surprise.
Only way to go.
You don't happen to use RT for the IC-7000 do you? And, if you do,
how does it compare with programming the 897D?
Thanks and 73's, Bill
k3waw@...

24914. Re: [FT897] Re: Programing memorys

Yahoo group: FT897 (2009)
Date: 2009-02-06 05:55:33 UTC
From: Larry D. Barr, K5WLF
Topic: 24873 Message: 24914

No, Bill, I don't have an IC-7000. A friend of mine does, but he hasn't gotten the RT software yet. So I have no idea how it works for Icom.

73,
ldb
K5WLF

Bill wrote:

<snip>

> You don't happen to use RT for the IC-7000 do you? And, if you do,
> how does it compare with programming the 897D?
> Thanks and 73's, Bill
> k3waw@...

24915. RE: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 10:44:05 UTC
From: Eric van de Weyer
Topic: 24802 Message: 24915

Well, I suggest to him then that he goes back and re-reads it himself and corrects the several glaring errors in it. For instance 68F is NOT 26C, it is 20C. An SWR of 1.5:1 is not a loss of 14dB. A loss of 14dB would mean less than 1/20 of the input power getting to the output.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of tenorman1952
Sent: Friday, 6 February 2009 01:07
To: FT897@yahoogroups.com
Subject: [FT897] Re: Tuner SWR or Radio SWR

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> I found a link in wikipedia that will help explain the maximum power
> transfer theorem. It helps to understand why the impedance of the radio
> should be much less than 50 ohms
>

Here is a good link explaining impedance, also, from my friend Bill Lieske's site. And I would say he knows a little about antennas.

http://www.emrcorp.com/techinfo.html Read, or download/save "The Fifty ohm Enigma".

Bill's company not only makes commercial antenna gear, duplexers, etc, but Bill is one heck of a good saxphonist, too, which is how I know him.

Paul
tenorman1952
AE5JU

Yahoo! Groups Links

24916. RE: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 11:02:21 UTC
From: Eric van de Weyer
Topic: 24802 Message: 24916

Actually, if you read the wiki article, is supports what I have said.

If you take a 100W transmitter with a 50Ω output impedance to a 50Ω load, you will get 100W transferred to the load. If you reduce the load to 25Ω you will now get somewhere in the order of 50W into the load and if you increase the load to 100Ω you will also get about 50W to the load so as you can see, only when the source and load match will you actually get the 100W transferred to the load.

Remember that in this case we are not looking at efficiency but at the maximum transfer of the output of the transmitter to the load. You cannot talk about maximum power transfer and maximum efficiency in the same discussion as they are two different things and cannot be compared.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim
Sent: Friday, 6 February 2009 13:21
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Tuner SWR or Radio SWR

I understand the maximum power transfer theorem, I studied it in

college, and for small signal applications you want maximum power

transfer. For any kind of power transfer, be it AC, DC or RF, you want

the source impedance to be much lower than the load impedance. The

maximum power transfer theorem still holds, but you want the power in

the load , not in the source generating heat. The same hold for

batteries. IT holds for generators and it holds for RF power amplifiers

and final output stages.

Here is the wikipedia explanation

http://en.wikipedia.org/wiki/Maximum_power_theorem

eric@van-de-weyer.org wrote:

>

> Hi Jim,

>

> firstly, you are not comparing apples with apples. The situation with the
> power station is NOT the same as with the transmitter and the antenna so
> it is not valid to use one as an example for the other.
>
> In the case of the power station, you have a source which is connected to
> millions of loads, all in parallel. each one only wants to use the amount
> of power it needs to do what it has to do so, for instance, you might have
> a generator capable of, say, 1000W which can power a 1000W lamp or it
> might
> be called on to supply 10 x 100W lamps, or 100 10W lamps. The 1000W lamp
> might ent up with virtually the same resistance as the generator's
> internal
> resistance but the 100W ones would have 10 times the resistance, and the
> 10w ones would have 100 times the resistance each but when all put in
> parallel
> the equivalent resistance is the same as the 1000W one.
>
> On the other hand, with the transmitter and antenna system, which consists
> of everything between the output of the transmitter and the antenna itself
> (antenna, feed lines, tuner, interconnecting cables etc.) we are not using
> a source which we want to connect to a lot of loads, we are trying to get
> the maximum power transferred between the transmitter and the antenna and
> the only way to do that is to have the impedances matching. This is
> the most
> efficient way as at any other setting the power dissipated in one or the
> other will not be optimum.
>
> Here is an exercise we get the students to do on a course to demonstrate
> the principle (Jacobi's Theorum).

>

> This is an exercise question. The purpose of this exercise is to

> demonstrate

> a VERY important MUST KNOW concept. I hope for you to discover the concept

> for yourself. (It does not only apply to batteries.) All cells (or

> batteries)

> have an internal resistance. So when you connect a battery to a load the

> equivalent circuit is a battery and two resistors in series. One resistor

> represents the internal resistance of the battery and the other represents

> the load.

>

> So take any battery, to make the math easy I would give it a nice

> round voltage

> such as 10 volts.

>

> Now draw two resistors connected to the battery in series with each other.

>

> One resistor represents the internal resistance of the battery and the

> other

> is the load. (The load is the device the battery is supplying power too)

>

> I would choose an easy resistance, say 10 ohms. (10 ohms is a ridiculously

> high internal resistance but that is not the object here.)

>

> So if you chose my suggested values you would have a 10 Volt battery

> connected

> in series with two 10 Ohm resistors. Rinternal is the internal resistance

> of the battery which does not change and Rload is the load resistance.

>

> Now calculate the power in watts dissipated in the load resistor (Rload)
>
> Method:
> ? Add the resistances together to get the total resistance.
> ? Find the total current. (I=E/R)
> ? Find the power dissipated in Rload by using P = I2 * Rload
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> Now INCREASE the load resistor (Rload) so that is higher than
> Rinternal and
> calculate the power in watts dissipated in the load again. Make a note of
> it.
>
> Now DECREASE the load resistor (Rload) so that it is lower than Rinternal
> and calculate the power in watts dissipated in Rload. Make a note of it.
>
> Compare the three results.
>
> 1. When the load resistance (Rload) is equal to the internal resistance of
> the battery (the source).
> 2. When the load resistance (Rload) is greater than the internal
> resistance
> of the source.
> 3. When the load resistance (Rload) is less than the internal resistance
> of the source.
>
> From this exercise it can be seen that, only when the source and load
> resistances
> are the same, will the maximum power be transferred. If the load is higher
> or lower than the source less power will be transferred than the maximum

> possible. if the load is lower, the source will be overloaded as it will
> be called on to deliver more than it was designed for and if the load is
> higher the source will not be caled on to deliver as much as it is
> designed
> to so either way it is not delivering the most it can to the load.
>
> Efficiency is not really a term that can be used in this situation as we
> are trying to get all the power we are generating in the transmitter into
> the antenna and therefore out onto the airwaves. Efficiency is only valid
> in relation to the amount of power that we have to put into the
> transmitter
> to achieve the required output so, for instance, if we have a 100W
> transmitter
> which draws 200W from the power supply to achieve this output then it is
> 50% efficient but if we have one which needs the same 200W input but only
> gives us 50W out, then it is only 25% efficient. This is normally governed
> by the type of amplifier we are using.
>
> 73....Eric VK2VE
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >From: Jim <liteways@... <mailto:liteways%40gmail.com>>
> >Date: Thu, 05 Feb 2009 18:13:19 -0500
> >Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
> >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> >
> >
> >It is a pretty good write up but he assumes that the exciter has to

> >match the PA. The two stages really only have to match each other in

> >"small signal" situations, like the receiver stages. In power stages

> >you don't need the exciter to match and it is better if it is a lower

> >impedance that the PA, just as it is better the the PA output impedance

>

> >to be lower than the 50 ohms of the feed line.

> >He is mixing up or confusing "Maximum power transfer" with "efficiency"

>

> >

> >The greatest efficiency will be when the power source has a lower

> >impedance that what it is feeding. Take for example a 1 KW power

> >amp. If the amp has the same impedance as the feed line and antenna,

> >to put 1,000 Watts into the antenna, the amp will also have to dissipate

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> >1,000 Watts, because at maximum power transfer 50% is in the load and

> >50% isin the source. However if it is a lower impedance, then a greater

> >

> >percentage of the power can be dissipated in the antenna than in the

> >source and the PA doesn't have to use as much power and can run cooler.

>

> >

> >Again, consider a power station generating many megawatts of power. It

>

> >has a load of Rload, and in internal resistance in the generator of

> >Rgen. Maximum power transfer will occur when Rload = Rgen . However,

>

> >

> >a 100 megawatt machine would require a lot of cooling, so instead the

> >Rgen is much smaller to reduce generator losses. The same thing applies

> >

> >to RF

> >

> >

> >tenorman1952 wrote:

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> >> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

> <mailto:FT897%40yahoogroups.com>, Jim

> >> <liteways@...> wrote:

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> >> > I found a link in wikipedia that will help explain the maximum

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> >> Fifty ohm Enigma".

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> >> Bill's company not only makes commercial antenna gear, duplexers,

> >> etc, but Bill is one heck of a good saxphonist, too, which is how I

> >> know him.

> >>

> >> Paul

> >> tenorman1952

> >> AE5JU

> >>

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> >Yahoo! Groups Links

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Yahoo! Groups Links

http://groups.yahoo.com/group/FT897/

Individual Email | Traditional

http://groups.yahoo.com/group/FT897/join

(Yahoo! ID required)

mailto:FT897-digest@yahoogroups.com

mailto:FT897-fullfeatured@yahoogroups.com

FT897-unsubscribe@yahoogroups.com

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

24917. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: Unix timestamp -125531894632 [implausible archived timestamp]
From: Jim
Topic: 24802 Message: 24917

Yes, if you have a transmitter with a 50 ohm impedance acting as a voltage source putting 70.7 volts on the 50 ohm transmission line and a 50 ohm load, there will be 100 watts dissipated in the load and 50 in the transmitter, and you get maximum power transfer. (Assuming no losses in the T line). So 100 watts in transmitter + 100 watts in antenna = 200 watts total in dissipated power. That is the theorem. You would have to put 200 watts in the transmitter to get 100 watts out of the antenna. Your meters would read 200 watts on the transmitter and you get 100 watts out the antenna.

However, if you change it the other way from your illustration, and change the transmitter to a 25 ohm impedance, the transmitter can still put out 70.7 volts, and 100 watts will be dissipated in the load but the amount of heat dissipated in the transmitter will be less than 100 watts. For example, 100 watts into a 50 ohm load is a voltage of about 70.7 volts. That same 70.7 volts is also generating heat loss in the 25 ohm transmitter impedance, so it is only putting out 50 watts in heat and the total heat dissipated is 150 watts. SO, you put 150 watts into the transmitter instead of 200 and you still get 100 watts out the antenna. If you could get the transmitter output impedance down to 5 ohms, it would dissipate 22.3 watts and the total power input the the transmitter would be 122.3 watts to get 100 watts out of the antenna.

The formula for power is Power = Voltage squared / Impedance.

You can go through the same exercise using currents if you wish/ the formula is :
Power = Current squared x Impedance. In either case, both the antenna and the transmitter will see the same voltage and current as each other.

Now on receive, you are dealing with small signal situation and you want the receiver to match the 50 ohms of the line because you need the maximum power transferred.

Hopefully this is a bit clearer now. Go through the math and see for yourself how much total power you have to put into the transmitter to get 100 watts out of a 50 ohm antenna with different transmitter impedances. Bottom line is the receiver should match the feed line , the transmitter should be lower in its internal impedance. to get maximum power out the antenna compared to what you put into the transmitter.

Eric van de Weyer wrote:
>
> Actually, if you read the wiki article, is supports what I have said.
>
> If you take a 100W transmitter with a 50?? output impedance to a 50?? load,

> you will get 100W transferred to the load. If you reduce the load to 25??
> you will now get somewhere in the order of 50W into the load and if you
> increase the load to 100?? you will also get about 50W to the load so as
> you can see, only when the source and load match will you actually get the
> 100W transferred to the load.
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> Remember that in this case we are not looking at efficiency but at the
> maximum transfer of the output of the transmitter to the load. You cannot
> talk about maximum power transfer and maximum efficiency in the same
> discussion as they are two different things and cannot be compared.
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> 73....Eric VK2VE.
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> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of Jim
> Sent: Friday, 6 February 2009 13:21
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
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> college, and for small signal applications you want maximum power
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> the source impedance to be much lower than the load impedance. The
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> maximum power transfer theorem still holds, but you want the power in
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> the load , not in the source generating heat. The same hold for
>
> batteries. IT holds for generators and it holds for RF power amplifiers
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> and final output stages.
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> Here is the wikipedia explanation
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> http://en.wikipedia.org/wiki/Maximum_power_theorem
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> eric@... <mailto:eric%40van-de-weyer.org> wrote:
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> > 73....Eric VK2VE
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> > >-- Original Message --
>
> > >To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
>
> > >From: Jim <liteways@... <mailto:liteways%40gmail.com>
> <mailto:liteways%40gmail.com>>
>
> > >Date: Thu, 05 Feb 2009 18:13:19 -0500
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> > >Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
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> > >Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

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>
> > >> <http://www.emrcorp.com/techinfo.html
> <http://www.emrcorp.com/techinfo.html>
>
> > <http://www.emrcorp.com/techinfo.html
> <http://www.emrcorp.com/techinfo.html>>> Read, or download/save "The
>
> > >> Fifty ohm Enigma".
>
> > >>
>
> > >> Bill's company not only makes commercial antenna gear, duplexers,
>
> > >> etc, but Bill is one heck of a good saxphonist, too, which is how I
>
> > >> know him.
>
> > >>
>
> > >> Paul
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> > >> tenorman1952
>
> > >> AE5JU
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> > >>
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> > >Yahoo! Groups Links
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> Yahoo! Groups Links
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> http://groups.yahoo.com/group/FT897/
> <http://groups.yahoo.com/group/FT897/>
>
> Individual Email | Traditional
>
> http://groups.yahoo.com/group/FT897/join
> <http://groups.yahoo.com/group/FT897/join>
>
> (Yahoo! ID required)
>
> mailto:FT897-digest@yahoogroups.com
> <mailto:FT897-digest%40yahoogroups.com>
>
> mailto:FT897-fullfeatured@yahoogroups.com
> <mailto:FT897-fullfeatured%40yahoogroups.com>
>
> FT897-unsubscribe@yahoogroups.com
> <mailto:FT897-unsubscribe%40yahoogroups.com>
>
> http://docs.yahoo.com/info/terms/ <http://docs.yahoo.com/info/terms/>
>
> [Non-text portions of this message have been removed]
>
>

24918. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 14:01:26 UTC
From: Minto Witteveen
Topic: 24802 Message: 24918

Eric van de Weyer wrote:
>
> Actually, if you read the wiki article, is supports what I have said.
>
> If you take a 100W transmitter with a 50?? output impedance to a 50??
> load,
> you will get 100W transferred to the load. If you reduce the load to 25??
> you will now get somewhere in the order of 50W into the load and if you
> increase the load to 100?? you will also get about 50W to the load so as
> you can see, only when the source and load match will you actually get the
> 100W transferred to the load.
>
> Remember that in this case we are not looking at efficiency but at the
> maximum transfer of the output of the transmitter to the load. You cannot
> talk about maximum power transfer and maximum efficiency in the same
> discussion as they are two different things and cannot be compared.
>
> 73....Eric VK2VE.

Uhm I think you are wrong with your statement that we are looking at maximum
power
transfer and not at efficiency. This may be true for low-power environments
but certainly
not for power transmitters. There the objective is to get a certain amount
of power out
(100 watts seems to be a popular value for ham radios..) with maximum
efficiency. And
for maximum efficiency the internal resistance must be as low as possible.
I remember a QST article from some time ago where they actually measured the
internal resistance of a ham transmitter. IIRC it was somewhere in the
neighbourhoud
of 10 Ohms.

Regards,

Minto pa3bca.

24919. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 16:18:42 UTC
From: Randy Charles Ford
Topic: 24802 Message: 24919

Is there another side of this to consider? Does the phase of the reflected signal matter? Depending on the frequency and distance to the mismatch, won't the phase of the reflected signal either add or subtract from the transmitted one? Isn't consistency in power across frequencies important?

73,
kg4jix randy.

On Friday 06 February 2009 08:01:26 Minto Witteveen wrote:
> Eric van de Weyer wrote:
> > Actually, if you read the wiki article, is supports what I have said.
> >
> > If you take a 100W transmitter with a 50Ω output impedance to a 50Ω
> > load,
> > you will get 100W transferred to the load. If you reduce the load to 25Ω
> > you will now get somewhere in the order of 50W into the load and if you
> > increase the load to 100Ω you will also get about 50W to the load so as
> > you can see, only when the source and load match will you actually get
> > the 100W transferred to the load.
> >
> > Remember that in this case we are not looking at efficiency but at the
> > maximum transfer of the output of the transmitter to the load. You cannot
> > talk about maximum power transfer and maximum efficiency in the same
> > discussion as they are two different things and cannot be compared.
> >
> > 73....Eric VK2VE.

24920. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 17:12:44 UTC
From: Jim
Topic: 24802 Message: 24920

That is what the tuner is for, so the radio sees a match at the
feedline/ antenna junction and the antenna system is resonate and power
isn't reflected back into the radio. If it is reflected back the
missmatch at the transmitter should reflect part of it back up the line
to the antenna.

Randy Charles Ford wrote:
>
> Is there another side of this to consider? Does the phase of the
> reflected
> signal matter? Depending on the frequency and distance to the mismatch,
> won't the phase of the reflected signal either add or subtract from the
> transmitted one? Isn't consistency in power across frequencies important?
>
> 73,
> kg4jix randy.
>
> On Friday 06 February 2009 08:01:26 Minto Witteveen wrote:
> > Eric van de Weyer wrote:
> > > Actually, if you read the wiki article, is supports what I have said.
> > >
> > > If you take a 100W transmitter with a 50Ω output impedance to a 50Ω
> > > load,
> > > you will get 100W transferred to the load. If you reduce the load
> to 25Ω
> > > you will now get somewhere in the order of 50W into the load and
> if you
> > > increase the load to 100Ω you will also get about 50W to the load
> so as
> > > you can see, only when the source and load match will you actually get
> > > the 100W transferred to the load.
> > >
> > > Remember that in this case we are not looking at efficiency but at the
> > > maximum transfer of the output of the transmitter to the load. You
> cannot
> > > talk about maximum power transfer and maximum efficiency in the same
> > > discussion as they are two different things and cannot be compared.
> > >
> > > 73....Eric VK2VE.
>
>

24921. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 17:32:32 UTC
From: Randy Charles Ford
Topic: 24802 Message: 24921

But, if I'm understanding the arguments here, some are saying that the transmitter should have a lower impedance than 50Ω. If that is true, the mismatch would occur at the junction between the transmitter and the feedline to the tuner. The problems would start even before the tuner. Also, feeding a 50Ω feedline to a an antenna that has 50Ω at the used frequency would also require a tuner. It doesn't sound right to me.

73,
kg4jix randy.

On Friday 06 February 2009 11:12:44 Jim wrote:
> That is what the tuner is for, so the radio sees a match at the
> feedline/ antenna junction and the antenna system is resonate and power
> isn't reflected back into the radio. If it is reflected back the
> missmatch at the transmitter should reflect part of it back up the line
> to the antenna.
>
> Randy Charles Ford wrote:
> > Is there another side of this to consider? Does the phase of the
> > reflected
> > signal matter? Depending on the frequency and distance to the mismatch,
> > won't the phase of the reflected signal either add or subtract from the
> > transmitted one? Isn't consistency in power across frequencies important?
> >
> > 73,
> > kg4jix randy.

24922. Re: [FT897] Re: Tuner SWR or Radio SWR

Yahoo group: FT897 (2009)
Date: 2009-02-06 17:34:29 UTC
From: Minto Witteveen
Topic: 24802 Message: 24922

----- Original Message -----
>From: Randy Charles Ford
>To: FT897@yahoogroups.com
>Sent: Friday, February 06, 2009 17:18
>Subject: Re: [FT897] Re: Tuner SWR or Radio SWR
>
>
>Is there another side of this to consider? Does the phase of the reflected
>signal matter? Depending on the frequency and distance to the mismatch,
>won't the phase of the reflected signal either add or subtract from the
>transmitted one? Isn't consistency in power across frequencies important?
>
>73,
>kg4jix randy.

Back to the original topic then, the mismatch between the two SWR meters.

First: in a transmission line the SWR is the same in every point, provided that:

- the line is lossless

- the line does not radiate

- The impedance is the same along the transmission line

So in a perfect coaxial line the measured SWR is the same in every point.

Now, losses mean that in practice the SWR is the highest at the antenna feedpoint (assuming the end of the coax feeds a radiator). At the rig the SWR (read reflected power wrt forward power) is lower because some of the reflected power is dissipated on the way back.

In de OP’s case line loss cannot be the reason for the mismatch between the two meters because the SWR is not consistently lower at the MFJ. Besides, the difference it too big to be caused by line losses (probably less than a meter of coax at HF frequencies).

Patch between rig and tuner radiating: Possible, if there is no good defined common HF ground _AND_ the coax between the rig and the MFJ is not too short compared to the wavelength (> 1/10). Unlikely again.

Impedance problems: most likely cause in my opinion. Possible the patch is not 50 Ohm, or there are connector problems, impedance bumps along the rig/patch/tuner/tuner SWR meter _and/or_ inaccurate meter at the MFJ. Often the SWR meters in these tuners cut some corners to save a few cents.

Use the SWR value at the rig. All meters are very good at detecting 1:1 SWR and this is what the rig wants to see to output full power. That the SWR is not 1:1 further down the line is not so important (only for losses).

Pity however that the MFJ sometimes disagrees because this makes it very difficult to use the autotuner at these frequencies…

Regards,

Minto pa3bca

24923. question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-09 21:54:01 UTC
From: Tom
Topic: 24923 Message: 24923

I have the 897D with the internal power supply installed. I have the rig hooked up to a Par Electronics 20 meter end-fed dipole antenna. I have the radio set at the default setting for 100 watts output power. OK...here comes the question:
When I transmit on SSB phone the power meter on the rig only seems to register a reading on the bar graph only about one half of the way across that graph. I would think that this means I am not getting a full 100 watts out. Am I correct or am I missing something here? Also... I, and a more experienced ham, hooked up an MFJ SWR meter which shows between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be getting no less than 93% of my signal out off the antenna. So...my antenna seems to be working fine anyway. It is just the forward power out that has me a bit confused. :)
Why then isn't my rig's meter indicating a full 100 watts out?
Or is it???
Thanks in advance for your help once again folks!
'73!!
Tom KC8TBY

24924. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-09 22:32:25 UTC
From: Bill Husted
Topic: 24923 Message: 24924

Meters are notoriously inaccurate when trying to read peaks on SSB signals. If you're getting 100 watts CW, you're fine. The output is gonna be all over the place on SSB and the RF output envelope follows the modulating audio. Since the output is is all over the place, an average reading meter will average the power reading.

Check it on CW and if that looks good I wouldn't worry about it.

Bill KQ4YA

----- Original Message -----
From: Tom
To: FT897@yahoogroups.com
Sent: Monday, February 09, 2009 4:54 PM
Subject: [FT897] question concerning power output...

I have the 897D with the internal power supply installed. I have the
rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
I have the radio set at the default setting for 100 watts output power.
OK...here comes the question:
When I transmit on SSB phone the power meter on the rig only seems to
register a reading on the bar graph only about one half of the way
across that graph. I would think that this means I am not getting a
full 100 watts out. Am I correct or am I missing something here? Also...
I, and a more experienced ham, hooked up an MFJ SWR meter which shows
between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be
getting no less than 93% of my signal out off the antenna. So...my
antenna seems to be working fine anyway. It is just the forward power
out that has me a bit confused. :)
Why then isn't my rig's meter indicating a full 100 watts out?
Or is it???
Thanks in advance for your help once again folks!
'73!!
Tom KC8TBY

[Non-text portions of this message have been removed]

24925. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 00:24:56 UTC
From: P Grant
Topic: 24923 Message: 24925

Hi TOM
Look at the forward power reading on the SWR meter in FM mode, that will be the power going to the antenna, The reflected reading on the SWR meter is the power which is reflected ???
Peter EI4HX
--- Original Message ----- ..

----- Original Message -----
From: Tom
To: FT897@yahoogroups.com
Sent: Monday, February 09, 2009 4:54 PM
Subject: [FT897] question concerning power output...

I have the 897D with the internal power supply installed. I have the rig hooked up to a Par Electronics 20 meter end-fed dipole antenna. I have the radio set at the default setting for 100 watts output power. OK...here comes the question: When I transmit on SSB phone the power meter on the rig only seems to register a reading on the bar graph only about one half of the way across that graph. I would think that this means I am not getting a full 100 watts out. Am I correct or am I missing something here? Also... I, and a more experienced ham, hooked up an MFJ SWR meter which shows between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be getting no less than 93% of my signal out off the antenna. So...my antenna seems to be working fine anyway. It is just the forward power out that has me a bit confused. :)
Why then isn't my rig's meter indicating a full 100 watts out?
Or is it???
Thanks in advance for your help once again folks!
'73!!
Tom KC8TBY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24926. Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 01:10:38 UTC
From: Stewart Nelson
Topic: 24923 Message: 24926

You really need to do the CW into a dummy load to take the antenna out of the equation. All checking should be into a dummy load.
Stewart KD5LBE

--- In FT897@yahoogroups.com, "Bill Husted" <bhusted@...> wrote:
>
> Meters are notoriously inaccurate when trying to read peaks on SSB signals. If you're getting 100 watts CW, you're fine. The output is gonna be all over the place on SSB and the RF output envelope follows the modulating audio. Since the output is is all over the place, an average reading meter will average the power reading.
>
> Check it on CW and if that looks good I wouldn't worry about it.
>
> Bill KQ4YA
>
> ----- Original Message -----
> From: Tom
> To: FT897@yahoogroups.com
> Sent: Monday, February 09, 2009 4:54 PM
> Subject: [FT897] question concerning power output...
>
>
> I have the 897D with the internal power supply installed. I have the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting a
> full 100 watts out. Am I correct or am I missing something here? Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward power
> out that has me a bit confused. :)

> Why then isn't my rig's meter indicating a full 100 watts out?
> Or is it???
> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>
>
>
>
> [Non-text portions of this message have been removed]
>

24927. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 04:04:57 UTC
From: Jim
Topic: 24923 Message: 24927

You can't tell much from an ssb transmission because it varies with the modulation. Do your test using a CW carrier.

Tom wrote:
>
> I have the 897D with the internal power supply installed. I have the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting a
> full 100 watts out. Am I correct or am I missing something here? Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward power
> out that has me a bit confused. :)
> Why then isn't my rig's meter indicating a full 100 watts out?
> Or is it???
> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>
>

24928. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 05:27:58 UTC
From: Jim Webster
Topic: 24923 Message: 24928

The bar graph meter does not show full pwr on ssb. Switch to FM and key the mike and you will see your power out of the radio. A nice external meter that will show you pwr,swr modulation and vdc is the LDG 897 meter. Very reasonable check it out.
Jim KI6PYZ

From: Tom <kerryguy7@...>
To: FT897@yahoogroups.com
Sent: Monday, February 9, 2009 1:54:01 PM
Subject: [FT897] question concerning power output...

I have the 897D with the internal power supply installed. I have the rig hooked up to a Par Electronics 20 meter end-fed dipole antenna. I have the radio set at the default setting for 100 watts output power. OK...here comes the question:
When I transmit on SSB phone the power meter on the rig only seems to register a reading on the bar graph only about one half of the way across that graph. I would think that this means I am not getting a full 100 watts out. Am I correct or am I missing something here? Also... I, and a more experienced ham, hooked up an MFJ SWR meter which shows between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be getting no less than 93% of my signal out off the antenna. So...my antenna seems to be working fine anyway. It is just the forward power out that has me a bit confused. :)
Why then isn't my rig's meter indicating a full 100 watts out?
Or is it???
Thanks in advance for your help once again folks!
'73!!
Tom KC8TBY

[Non-text portions of this message have been removed]

24929. Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 16:32:08 UTC
From: Bill Barron
Topic: 24923 Message: 24929

At the 100W SSB setting, you should get about 50 W out
peak, max-- depending on your audio gain settings.
Any more and you are probably Flat-topping and garbling
your audio.

That's the way SSB works!

If you want to see FULL 100 watts power .. switch to CW.

Have fun..good DX...

Bill W1WAB

--- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:
>
> I have the 897D with the internal power supply installed. I have
the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output
power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems
to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting
a
> full 100 watts out. Am I correct or am I missing something here?
Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which
shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should
be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward
power
> out that has me a bit confused. :)
> Why then isn't my rig's meter indicating a full 100 watts out?
> Or is it???
> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>

24930. Re: [FT897] Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 16:40:33 UTC
From: Jim Webster
Topic: 24923 Message: 24930

Or change to FM mode, key the mike and you should see 100 watts.
Jim Ki6PYZ

From: Bill Barron <wabarron@tampabay.rr.com>
To: FT897@yahoogroups.com
Sent: Tuesday, February 10, 2009 8:32:08 AM
Subject: [FT897] Re: question concerning power output...

At the 100W SSB setting, you should get about 50 W out
peak, max-- depending on your audio gain settings.
Any more and you are probably Flat-topping and garbling
your audio.

That's the way SSB works!

If you want to see FULL 100 watts power .. switch to CW.

Have fun..good DX...

Bill W1WAB

--- In FT897@yahoogroups. com, "Tom" <kerryguy7@. ..> wrote:
>
> I have the 897D with the internal power supply installed. I have
the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output
power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems
to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting
a
> full 100 watts out. Am I correct or am I missing something here?
Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which
shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should
be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward
power
> out that has me a bit confused. :)
> Why then isn't my rig's meter indicating a full 100 watts out?
> Or is it???

> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>

[Non-text portions of this message have been removed]

24931. Re: [FT897] Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 17:13:09 UTC
From: Geoff Blake
Topic: 24923 Message: 24931

On Tue, 10 Feb 2009, Bill Barron wrote:

> At the 100W SSB setting, you should get about 50 W out
> peak, max-- depending on your audio gain settings.
> Any more and you are probably Flat-topping and garbling
> your audio.
>
> That's the way SSB works!
>
> If you want to see FULL 100 watts power .. switch to CW.
>
> Have fun..good DX...

Noooo! That is not how SSB works. SSB is simply an audio signal shifted up in frequency from baseband 300-2400Hz to (say) 14,100,300 to 14,102,400 Hz by the addition of 14,100,000 Hz. The signal envelope will/should be exactly the same!

If the amplifier is capable of 100W output, the peaks will reach 100W, and IF the amplifier is properly designed, there will be no flat topping or any other nonlinearity effects.

However, if a typical ham power meter is connected, then, given the average voice, the average power will be around 30W. If you use a proper SSB peak reading power meter, like an oscilloscope, then you will see 100W.

>
> Bill W1WAB
>
> --- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:
> >
> > I have the 897D with the internal power supply installed. I have
> the
> > rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> > I have the radio set at the default setting for 100 watts output
> power.
> > OK...here comes the question:
> > When I transmit on SSB phone the power meter on the rig only seems
> to
> > register a reading on the bar graph only about one half of the way
> > across that graph. I would think that this means I am not getting
> a
> > full 100 watts out. Am I correct or am I missing something here?
> Also...
> > I, and a more experienced ham, hooked up an MFJ SWR meter which

> shows
> > between a 1.3 and a 1.6 SWR on transmit. If I am correct I should
> be
> > getting no less than 93% of my signal out off the antenna. So...my
> > antenna seems to be working fine anyway. It is just the forward
> power
> > out that has me a bit confused. :)
> > Why then isn't my rig's meter indicating a full 100 watts out?
> > Or is it???
> > Thanks in advance for your help once again folks!
> > '73!!
> > Tom KC8TBY
> >
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>
> Yahoo! Groups Links
>
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Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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24932. Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 17:26:58 UTC
From: Tom
Topic: 24923 Message: 24932

Once again you folks have answered my question in quite a bit of detail!
Sounds like everything is fine...I haven't try checking my power on CW
or FM but I will.
As per a few of your answers, on SSB I do see a "fluctuation" on the
power meter depending on my voice level, etc. Sounds like that is what
it SHOULD be doing.
I have indeed made contacts as far away as Alberta and Colorado...I am
in Michigan...and they have given me a 5/9 signal report. So I am
getting more assurance that my rig is operating as it should.
You know . just because I studied and passed a test for general class
it doesn't mean that I have either the experience OR the knowledge to
understand what (sometimes) must seem like the "basics" of radio
operation and theory. That's why I, (and some others I'm sure!),
turn to all of you "Elmers" out there and we learn from your vast
library of knowledge and experience.
In other words...
Thanks!
'73!
Tom KC8TBY

-- In FT897@yahoogroups.com, Geoff Blake <geoff@...> wrote:
>
> On Tue, 10 Feb 2009, Bill Barron wrote:
>
> > At the 100W SSB setting, you should get about 50 W out
> > peak, max-- depending on your audio gain settings.
> > Any more and you are probably Flat-topping and garbling
> > your audio.
> >
> > That's the way SSB works!
> >
> > If you want to see FULL 100 watts power .. switch to CW.
> >
> > Have fun..good DX...
>
> Noooo! That is not how SSB works. SSB is simply an audio signal
> shifted up in frequency from baseband 300-2400Hz to (say)
> 14,100,300 to 14,102,400 Hz by the addition of 14,100,000 Hz. The
> signal envelope will/should be exactly the same!
>
> If the amplifier is capable of 100W output, the peaks will reach
> 100W, and IF the amplifier is properly designed, there will be no
> flat topping or any other nonlinearity effects.
>
> However, if a typical ham power meter is connected, then, given

> the average voice, the average power will be around 30W. If you
> use a proper SSB peak reading power meter, like an oscilloscope,
> then you will see 100W.
>
>
> >
> > Bill W1WAB
> >
> > --- In FT897@yahoogroups.com, "Tom" <kerryguy7@> wrote:
> > >
> > > I have the 897D with the internal power supply installed. I have
> > the
> > > rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> > > I have the radio set at the default setting for 100 watts output
> > power.
> > > OK...here comes the question:
> > > When I transmit on SSB phone the power meter on the rig only seems
> > to
> > > register a reading on the bar graph only about one half of the way
> > > across that graph. I would think that this means I am not getting
> > a
> > > full 100 watts out. Am I correct or am I missing something here?
> > Also...
> > > I, and a more experienced ham, hooked up an MFJ SWR meter which
> > shows
> > > between a 1.3 and a 1.6 SWR on transmit. If I am correct I should
> > be
> > > getting no less than 93% of my signal out off the antenna. So...my
> > > antenna seems to be working fine anyway. It is just the forward
> > power
> > > out that has me a bit confused. :)
> > > Why then isn't my rig's meter indicating a full 100 watts out?
> > > Or is it???
> > > Thanks in advance for your help once again folks!
> > > '73!!
> > > Tom KC8TBY
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.

> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu.org/philosophy/no-word-attachments.html>
> --
>
> This E-mail and any attachment(s) are strictly confidential
> and is intended solely for the addressee(s). If you are not
> the intended recipient please notify
> <postmaster(at)palaemon.demon.co.uk>
> and the sender by return and permanently delete the message.
>
> You may not disclose, forward or copy this E-mail or any of
> its attachments to any third party without the prior consent
> of the sender.
>
> --
>

24933. Re: [FT897] Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 19:20:10 UTC
From: Jim Webster
Topic: 24923 Message: 24933

Your very welcome Tom, thats what this group should be about.
Jim KI6PYZ

From: Tom <kerryguy7@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 10, 2009 9:26:58 AM
Subject: [FT897] Re: question concerning power output...

Once again you folks have answered my question in quite a bit of detail!
Sounds like everything is fine...I haven't try checking my power on CW
or FM but I will.
As per a few of your answers, on SSB I do see a "fluctuation" on the
power meter depending on my voice level, etc. Sounds like that is what
it SHOULD be doing.
I have indeed made contacts as far away as Alberta and Colorado...I am
in Michigan...and they have given me a 5/9 signal report. So I am
getting more assurance that my rig is operating as it should.
You know . just because I studied and passed a test for general class
it doesn't mean that I have either the experience OR the knowledge to
understand what (sometimes) must seem like the "basics" of radio
operation and theory. That's why I, (and some others I'm sure!),
turn to all of you "Elmers" out there and we learn from your vast
library of knowledge and experience.
In other words...
Thanks!
'73!
Tom KC8TBY

-- In FT897@yahoogroups. com, Geoff Blake <geoff@...> wrote:
>
> On Tue, 10 Feb 2009, Bill Barron wrote:
>
> > At the 100W SSB setting, you should get about 50 W out
> > peak, max-- depending on your audio gain settings.
> > Any more and you are probably Flat-topping and garbling
> > your audio.
> >
> > That's the way SSB works!
> >
> > If you want to see FULL 100 watts power .. switch to CW.
> >
> > Have fun..good DX...
>
> Noooo! That is not how SSB works. SSB is simply an audio signal
> shifted up in frequency from baseband 300-2400Hz to (say)

> 14,100,300 to 14,102,400 Hz by the addition of 14,100,000 Hz. The
> signal envelope will/should be exactly the same!
>
> If the amplifier is capable of 100W output, the peaks will reach
> 100W, and IF the amplifier is properly designed, there will be no
> flat topping or any other nonlinearity effects.
>
> However, if a typical ham power meter is connected, then, given
> the average voice, the average power will be around 30W. If you
> use a proper SSB peak reading power meter, like an oscilloscope,
> then you will see 100W.
>
>
> >
> > Bill W1WAB
> >
> > --- In FT897@yahoogroups. com, "Tom" <kerryguy7@> wrote:
> > >
> > > I have the 897D with the internal power supply installed. I have
> > the
> > > rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> > > I have the radio set at the default setting for 100 watts output
> > power.
> > > OK...here comes the question:
> > > When I transmit on SSB phone the power meter on the rig only seems
> > to
> > > register a reading on the bar graph only about one half of the way
> > > across that graph. I would think that this means I am not getting
> > a
> > > full 100 watts out. Am I correct or am I missing something here?
> > Also...
> > > I, and a more experienced ham, hooked up an MFJ SWR meter which
> > shows
> > > between a 1.3 and a 1.6 SWR on transmit. If I am correct I should
> > be
> > > getting no less than 93% of my signal out off the antenna. So...my
> > > antenna seems to be working fine anyway. It is just the forward
> > power
> > > out that has me a bit confused. :)
> > > Why then isn't my rig's meter indicating a full 100 watts out?
> > > Or is it???
> > > Thanks in advance for your help once again folks!
> > > '73!!
> > > Tom KC8TBY
> > >
> >
> >
> >
> >
> > ------------ --------- --------- ------

> >
> > Yahoo! Groups Links
> >
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>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu. org/philosophy/ no-word-attachme nts.html>
> ------------ --------- --------- --------- --------- --------- -
>
> This E-mail and any attachment(s) are strictly confidential
> and is intended solely for the addressee(s) . If you are not
> the intended recipient please notify
> <postmaster(at)palaemon. demon.co. uk>
> and the sender by return and permanently delete the message.
>
> You may not disclose, forward or copy this E-mail or any of
> its attachments to any third party without the prior consent
> of the sender.
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> ------------ --------- --------- --------- --------- --------- -
>

[Non-text portions of this message have been removed]

24934. Re: No modulation

Yahoo group: FT897 (2009)
Date: 2009-02-05 11:48:48 UTC
From: Sam Saladino
Topic: 24828 Message: 24934

Sometimes when trying to figure out a problem we become frustrated and overlook things we may not normally.

When you have the CW Key connected you said there was a tone, but no transmit power. Did you change the display menu to MFj and push on the middle button under BK on the display so that it's shown in brackets? Unless that was done the only thing you'll hear is the sidetone and there will be no transmitted power.

--- In FT897@yahoogroups.com, "JAMES AMBURN" <james.amburn@...> wrote:
>
> Thanks Peter,
> You are correct. No audio transmitted in any mode. I connected a key and in cw mode I get a tone but no transmit power. I tried keying the mike and then the key and I can transmit code in to a dummy load and see the power out on the external power
> meter. I had not tried this operation before. I still can not modulate the carrier in AM, FM or SSB. I do get a carrier in AM and FM mode when I key the mike. This could indicate a transmit relay problem in that the mike output is not being switched with the mike button depressed. Does any one else have a suggestion?
> Thanks, Jim N0TUI
>

24935. DTMF tones without Microphone?

Yahoo group: FT897 (2009)
Date: 2009-02-05 13:49:01 UTC
From: jreedbum
Topic: 24935 Message: 24935

Is there a way to program DTMF tones without the need to buy the fancy mike? Didn't there used to be tone generators you could use on telephones?

Tnx

24936. Comet GP-15 Antenna

Yahoo group: FT897 (2009)
Date: 2009-02-08 04:00:24 UTC
From: jim.trrll
Topic: 24936 Message: 24936

Is anyone able to advise me about the Comet GP-15 Atenna on the FT897D?
Does anyone have experience wih this setup?
I am testing for my Tech license in three weeks. Have the FT-897D
to "LISTEN TO For Ham Operation". I WILL NOT TRANSMIT UNTIL MY LICENSE
SHOWSUP ON THE APPROPRIATE FCC LISTING!!! Right now I am using an In
door Scanner Antena. I recieve the 2M and 70CM Bands pretty good.
Thanks for any imput!

24937. More than one vertical antenna on one aluminium pole

Yahoo group: FT897 (2009)
Date: 2009-02-09 23:35:46 UTC
From: simon.worsley
Topic: 24937 Message: 24937

Hi all,

Just wondered what peoples views were on installing more than one vertical antenna on one aluminium mast?

Ie a Comet GP9 which is a high gain 2&70 antenna installed in the normal way on a 20foot ali pole, but also installed on the same pole another antenna, ie a Diamond V200 which is a tri-band colinear, 6, 2 and 70

What are your views?

24938. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-09 22:22:02 UTC
From: Fred Neff
Topic: 24923 Message: 24938

Hello Tom,

When I read, that you are using and INTERNAL POWER SUPPY.
The internal P.S. that is used on the FT897 is a Battery Pack.
and when that is used... the radio performs an automatic power
shift to 20 Watts.

The 100 Watt function is normal when using an external power supply.

Fred
WE7M

--- On Mon, 2/9/09, Tom <kerryguy7@...> wrote:
From: Tom <kerryguy7@...>
Subject: [FT897] question concerning power output...
To: FT897@yahoogroups.com
Date: Monday, February 9, 2009, 3:54 PM

I have the 897D with the internal power supply installed. I have the

rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.

I have the radio set at the default setting for 100 watts output power.

OK...here comes the question:

When I transmit on SSB phone the power meter on the rig only seems to

register a reading on the bar graph only about one half of the way

across that graph. I would think that this means I am not getting a

full 100 watts out. Am I correct or am I missing something here? Also...

I, and a more experienced ham, hooked up an MFJ SWR meter which shows

between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be

getting no less than 93% of my signal out off the antenna. So...my

antenna seems to be working fine anyway. It is just the forward power

out that has me a bit confused. :)

Why then isn't my rig's meter indicating a full 100 watts out?

Or is it???

Thanks in advance for your help once again folks!

'73!!

Tom KC8TBY

[Non-text portions of this message have been removed]

24939. Re: 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-02-05 10:53:22 UTC
From: M0WQR@gofast.co.uk
Topic: 24780 Message: 24939

Has anyone install both the 500 and 300 hz filters in the same rig.
Thanks,
Vern M0WQR

[Non-text portions of this message have been removed]

24940. ft897 Power Output

Yahoo group: FT897 (2009)
Date: 2009-02-09 22:33:38 UTC
From: Fred
Topic: 24940 Message: 24940

Hello Tom,

When I read, that you are using and INTERNAL POWER SUPPY.
The internal P.S. that is used on the FT897 is a Battery Pack.
and when that is used... the radio performs an automatic power
shift to 20 Watts.

The 100 Watt function is normal when using an external power supply.

Fred

24941. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 00:31:17 UTC
From: Fred Neff
Topic: 24923 Message: 24941

Hi Tom,
In your Note .. you say that you are using the Internal Power Suppy...
The internal Power suppy when it is installed... is a battery Pack
and the Radio will automaticly shifts the output power to 20 watts
output to save the battery....

Fred
WE7M

--- On Mon, 2/9/09, P Grant <ei4hxperimental@...> wrote:
From: P Grant <ei4hxperimental@...>
Subject: Re: [FT897] question concerning power output...
To: FT897@yahoogroups.com
Date: Monday, February 9, 2009, 6:24 PM

Hi TOM

Look at the forward power reading on the SWR meter in FM mode, that will be the power going to the antenna, The reflected reading on the SWR meter is the power which is reflected ???

Peter EI4HX

--- Original Message ----- ..

----- Original Message -----

From: Tom

To: FT897@yahoogroups. com

Sent: Monday, February 09, 2009 4:54 PM

Subject: [FT897] question concerning power output...

I have the 897D with the internal power supply installed. I have the

rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.

I have the radio set at the default setting for 100 watts output power.

OK...here comes the question:

When I transmit on SSB phone the power meter on the rig only seems to

register a reading on the bar graph only about one half of the way

across that graph. I would think that this means I am not getting a

full 100 watts out. Am I correct or am I missing something here? Also...

I, and a more experienced ham, hooked up an MFJ SWR meter which shows between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be getting no less than 93% of my signal out off the antenna. So...my antenna seems to be working fine anyway. It is just the forward power out that has me a bit confused. :)

Why then isn't my rig's meter indicating a full 100 watts out?

Or is it???

Thanks in advance for your help once again folks!

'73!!

Tom KC8TBY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24942. Split Frequency Locking

Yahoo group: FT897 (2009)
Date: 2009-02-10 15:16:11 UTC
From: John / G0RDO
Topic: 24942 Message: 24942

Hello all. Anyone know of a mod to lock freq. "A" but not lock freq. "B" when in split frequency mode please ?
John / G0RDO

24944. Re: I need some help setting power output...

Yahoo group: FT897 (2009)
Date: 2009-02-09 19:45:09 UTC
From: Darin
Topic: 24909 Message: 24944

--- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:
>
> Hello fellow hams!!!
> OK...I need a little help understanding how to LIMIT my power output
> across all HF bands to 20 watts.

Run off the internal batteries will do it :) But menu item 75 will
let you set the power.

73 de VE3OIJ
-Darin

24945. just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 02:50:32 UTC
From: s.wood34
Topic: 24945 Message: 24945

I just passed my exam for technician last Friday and I¡¦m wondering how long I have to wait before I can see my call sign online? The exam giver told me this Tuesday or Wednesday I would see it online but I¡¦m getting to excited and wanted your guy¡¦s opinion? Also sorry this is not really related to the ft-897 but I do own one and can¡¦t wait to use it □º hope that¡¦s good enough thanks for the help

24946. Low power out on 160m

Yahoo group: FT897 (2009)
Date: 2009-02-11 00:01:36 UTC
From: darrindawn
Topic: 24946 Message: 24946

Hello all this is my first post. I have the 897 for about three years now and it works great and am very pleased with it. I also have the internal P/S. The thing I am noticing is on 160m if I key down on fm at 100w into a dummy load the power will jump to 55w then slowly go up to 100w. If I do that a few times it will start to go right to 100w. This is only ocouring on 160m ???? Has anyone else seen this in there 897???
Any comments would be helpful.
Thankyou
Darrin
KC2OMU

24947. Wiring FT-897D to Ameritron ARB-704 to Kenwood TL-922A amplifier, help required

Yahoo group: FT897 (2009)
Date: 2009-02-10 17:05:52 UTC
From: simon.worsley
Topic: 24947 Message: 24947

Can someone tell me how I need to wire the above up so it works?

I have had soldered on the mini8pin plug onto one end of a phono lead
but not sure what needs connecting to what?

Please help - Thanks, Simon

24948. Re: filtering for VHF FM?

Yahoo group: FT897 (2009)
Date: 2009-02-10 23:15:05 UTC
From: John / G0RDO
Topic: 24866 Message: 24948

When I was in Sydney a few years ago I found 2Mtrs completely wiped out by pager sigs. I was using a Kenwood hand held and my call of VK4CXO. Happily I was also mainly maritime mobile as G0RDO/MM on 20M QRP and had lots of fun QSO's.
It seems that pagers rule in Sydney.
John / G0RDO / VK4CXO
www.morsemad.com

.--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Ant,
>
> We used to be really badly plagued with it here in Sydney, especially in the
> eastern suburbs and there is a fairly simple way to reduce the problem
> drastically BUT there is a caveat. On receive, you can put a T piece in the
> antenna line close to the radio and then put a 1/4 wave open stub cut for
> the pager frequency. To make it, calculate the length needed (don't forget
> the velocity factor of the coax) and then connect a piece of coax to a
> connector to mate with the T piece. Now, carefully trim back the coax until
> you get maximum attenuation of the pager signal. You will still be able to
> here the wanted signals as long as they are not right at the band edge.
>
> Now the caveat, the open circuit stub looks like a short circuit at its
> resonant frequency and a bit either side of it so you MUST remove it from
> the line when you transmit otherwise your transmitter will be looking into
> an almost short. There are a few ways you can do this and two that I have
> used in the past are as follows. One involved making up a special T piece in
> a small copper box with a relay in circuit which left the antenna connected
> to the radio all the time but disconnected the stub , by opening the relay

> contacts, when the PTT is pressed. The other way is to use the relay
> contacts to short the open end of the stub during transmit. This
changes it
> to a shorted stub which makes it look like an open circuit to the
> transmitter.
>
> As I said, I have used both methods successfully in my mobile
installation
> many years ago and for a number of years. We now have CTCSS on the
output of
> our repeater so I no longer need the stub.
>
> It is also possible to buy filters specifically made to do this
job. Jenlex
> filters in Melbourne used to make them but they were fairly pricey
but
> effective. I think they will design and manufacture to order. A
quick Google
> search just showed that they still exist.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
Behalf Of Ant
> Sent: Thursday, 5 February 2009 16:46
> To: FT897@yahoogroups.com
> Subject: [FT897] filtering for VHF FM?
>
> I have a problem with my location and my 897d. My location has
several
> high power VHF pager channels just above the ham band, and I get a
lot
> of bleed through(?) when monitoring within the VHF ham band. Some
mates
> of mine use a frequency on VHF, and do not use CTCSS. I am unable
to sit
> on the side of the frequency due to only having so much patience for
> this interference. The other guys are using motorola commercial
radios,
> and have no problems with RX at all. It is not my location, as I
took my
> radio one of the other stations home and used his antenna, and the
> problem only occurred with my 897d. Incidentally my VX-1R handheld
has
> the same problem.
>
> Is there any filters available for the 897, or something already in
it
> that I can use that solve this problem? The digital interference

rates
> up to about S7 on the meter.
>
> Thanks,
> Ant
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

24949. Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-10 16:49:19 UTC
From: Fred
Topic: 24923 Message: 24949

Hello Tom,
As I read the note, I see you saying that you have the INTERNAL POWER SUPPLY installed... are saying that you have the FNB-78 Battery Pack installed?????
If That is what you are saying.... then the Radio will automaticly shift to an output of 20 watts.

If you have the FP-30 Power Supply ATTACHED to the bottom of the Radio... then you should be getting an output of 100 Watts

Good Luck,
Fred,
WE7M

--- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:
>
> I have the 897D with the internal power supply installed. I have the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting a
> full 100 watts out. Am I correct or am I missing something here? Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward power
> out that has me a bit confused. :)
> Why then isn't my rig's meter indicating a full 100 watts out?
> Or is it???
> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>

24950. Re: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 07:03:18 UTC
From: carl
Topic: 24945 Message: 24950

Can't answer your question, but congratulations on getting your licence.
Regs.,
Carl VK3EMF

s.wood34 wrote:
>
> I just passed my exam for technician last Friday and I¡¦m wondering how
> long I have to wait before I can see my call sign online? The exam
> giver told me this Tuesday or Wednesday I would see it online but I¡¦m
> getting to excited and wanted your guy¡¦s opinion? Also sorry this is
> not really related to the ft-897 but I do own one and can¡¦t wait to
> use it fº hope that¡¦s good enough thanks for the help
>
>

[Non-text portions of this message have been removed]

24951. Re: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 07:09:52 UTC
From: Gary Altig
Topic: 24945 Message: 24951

DE N7UVL,
The posting on-line is directly affected by the
efficiency of the Examining Team's process
for submitting the exam results. If the Examining
Team submits their results via internet right away,
the posting will happen pretty fast. However,
if they snail mail their results in, the whole
process is slowed down as the results will then
have to be manually entered first./ga

----- Original Message -----
From: carl<mailto:carls@alphalink.com.au>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, February 10, 2009 11:03 PM
Subject: Re: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Can't answer your question, but congratulations on getting your licence.
Regs.,
Carl VK3EMF

s.wood34 wrote:
>
> I just passed my exam for technician last Friday and I¡¦m wondering how
> long I have to wait before I can see my call sign online? The exam
> giver told me this Tuesday or Wednesday I would see it online but I¡¦m
> getting to excited and wanted your guy¡¦s opinion? Also sorry this is
> not really related to the ft-897 but I do own one and can¡¦t wait to
> use it fº hope that¡¦s good enough thanks for the help
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24952. Re: [FT897] DTMF tones without Microphone?

Yahoo group: FT897 (2009)
Date: 2009-02-11 07:53:01 UTC
From: Paul Graham
Topic: 24935 Message: 24952

Yes, look on ebay. You can also download a tone generator for your computer and play the tones through your speakers.

Paul
2e0rak

From: jreedbum <john.bumgarner@...>
To: FT897@yahoogroups.com
Sent: Thursday, 5 February, 2009 13:49:01
Subject: [FT897] DTMF tones without Microphone?

Is there a way to program DTMF tones without the need to buy the fancy mike? Didn't there used to be tone generators you could use on telephones?

Tnx

[Non-text portions of this message have been removed]

24953. Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-11 08:06:48 UTC
From: g8hul
Topic: 24923 Message: 24953

--- In FT897@yahoogroups.com, "Fred" <we7m@...> wrote:
>
> Hello Tom,
> As I read the note, I see you saying that you have the INTERNAL POWER
> SUPPLY installed... are saying that you have the FNB-78 Battery Pack
> installed?????
> If That is what you are saying.... then the Radio will automaticly
> shift to an output of 20 watts.
>
> If you have the FP-30 Power Supply ATTACHED to the bottom of the
> Radio... then you should be getting an output of 100 Watts
>

There is also an optional INTERNAL mains supply that allows 100W o/p.

73
Jeff

24954. RE: [FT897] Re: filtering for VHF FM?

Yahoo group: FT897 (2009)
Date: 2009-02-11 11:39:06 UTC
From: Eric van de Weyer
Topic: 24866 Message: 24954

Hi John,

Yes, the pagers are quite a problem here in Sydney. We have overcome them to some extent by using CTCSS (123Hz) on the input of our local repeaters in the eastern suburbs. They also put out the CTCSS on the output of the 2m one so that people can use the tone squelch feature in their radios. This was originally done for me as I used to drive right through the CBD going to and from work and it used to really frustrate me.

I have also played with a 1/4 wave stub as a filter to help get rid of some of the pager interference and that also worked quite well but, because they are relatively wide, they also tend to look like a short at the TX frequency as my TX frequency was just under 400kHz from the pagers. I made up a little relay switch which was connected to the PTT line and switched the stub out of circuit during transmissions.

We still manage to get by.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John / G0RDO
Sent: Wednesday, 11 February 2009 10:15
To: FT897@yahoogroups.com
Subject: [FT897] Re: filtering for VHF FM?

When I was in Sydney a few years ago I found 2Mtrs completely wiped out by pager sigs. I was using a Kenwood hand held and my call of VK4CXO. Happily I was also mainly maritime mobile as G0RDO/MM on 20M QRP and had lots of fun QSO's.
It seems that pagers rule in Sydney.
John / G0RDO / VK4CXO
www.morsemad.com

.--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Ant,
>
> We used to be really badly plagued with it here in Sydney, especially in the
> eastern suburbs and there is a fairly simple way to reduce the problem
> drastically BUT there is a caveat. On receive, you can put a T piece in the
> antenna line close to the radio and then put a 1/4 wave open stub cut for

> the pager frequency. To make it, calculate the length needed (don't
forget
> the velocity factor of the coax) and then connect a piece of coax
to a
> connector to mate with the T piece. Now, carefully trim back the
coax until
> you get maximum attenuation of the pager signal. You will still be
able to
> here the wanted signals as long as they are not right at the band
edge.
>
> Now the caveat, the open circuit stub looks like a short circuit at
its
> resonant frequency and a bit either side of it so you MUST remove
it from
> the line when you transmit otherwise your transmitter will be
looking into
> an almost short. There are a few ways you can do this and two that
I have
> used in the past are as follows. One involved making up a special T
piece in
> a small copper box with a relay in circuit which left the antenna
connected
> to the radio all the time but disconnected the stub , by opening
the relay
> contacts, when the PTT is pressed. The other way is to use the relay
> contacts to short the open end of the stub during transmit. This
changes it
> to a shorted stub which makes it look like an open circuit to the
> transmitter.
>
> As I said, I have used both methods successfully in my mobile
installation
> many years ago and for a number of years. We now have CTCSS on the
output of
> our repeater so I no longer need the stub.
>
> It is also possible to buy filters specifically made to do this
job. Jenlex
> filters in Melbourne used to make them but they were fairly pricey
but
> effective. I think they will design and manufacture to order. A
quick Google
> search just showed that they still exist.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
Behalf Of Ant

> Sent: Thursday, 5 February 2009 16:46
> To: FT897@yahoogroups.com
> Subject: [FT897] filtering for VHF FM?
>
> I have a problem with my location and my 897d. My location has
several
> high power VHF pager channels just above the ham band, and I get a
lot
> of bleed through(?) when monitoring within the VHF ham band. Some
mates
> of mine use a frequency on VHF, and do not use CTCSS. I am unable
to sit
> on the side of the frequency due to only having so much patience for
> this interference. The other guys are using motorola commercial
radios,
> and have no problems with RX at all. It is not my location, as I
took my
> radio one of the other stations home and used his antenna, and the
> problem only occurred with my 897d. Incidentally my VX-1R handheld
has
> the same problem.
>
> Is there any filters available for the 897, or something already in
it
> that I can use that solve this problem? The digital interference
rates
> up to about S7 on the meter.
>
> Thanks,
> Ant
>
>
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>
> ------------------------------------
>
> Yahoo! Groups Links
>

Yahoo! Groups Links

24955. Re: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 12:26:09 UTC
From: Scott Pettigrew
Topic: 24945 Message: 24955

Congratulations on your new license! I hope you take the time to check out
your 897's capabilities on 6m, 2m and 440 SSB, and not just FM!
Hope to see you on the air!

Best Regards -

Scott Pettigrew
N8VSI
scott@...t

On Tue, Feb 10, 2009 at 9:50 PM, s.wood34 <cheatout@...> wrote:

> I just passed my exam for technician last Friday and I¡¦m wondering how
> long I have to wait before I can see my call sign online?
>

[Non-text portions of this message have been removed]

24956. Re: [FT897] DTMF tones without Microphone?

Yahoo group: FT897 (2009)
Date: 2009-02-11 12:59:41 UTC
From: Jim
Topic: 24935 Message: 24956

We used to take an old telephone key pad and convert that with a 9 volt battery and a cord with a 1/8th in ,mono phone plug on it, Then we would modify the mike and add a 1/8th in mono jack to plug in the mike circuit when we wanted to use the phone patch. Later I got a Drake EM1525 to use and it had the built in keypad with the numbers 0 through9.I still have the mike.

jreedbum wrote:
>
> Is there a way to program DTMF tones without the need to buy the fancy
> mike? Didn't there used to be tone generators you could use on
> telephones?
>
> Tnx
>
>

24957. Re: [FT897] ft897 Power Output

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:01:11 UTC
From: Jim
Topic: 24940 Message: 24957

There is also an internal supply that fits in the battery compartment
that gives full power

Fred wrote:
>
> Hello Tom,
>
> When I read, that you are using and INTERNAL POWER SUPPY.
> The internal P.S. that is used on the FT897 is a Battery Pack.
> and when that is used... the radio performs an automatic power
> shift to 20 Watts.
>
> The 100 Watt function is normal when using an external power supply.
>
> Fred
>
>

24958. Re: [FT897] More than one vertical antenna on one aluminium pole

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:05:17 UTC
From: Jim
Topic: 24937 Message: 24958

It is done all the time

simon.worsley wrote:
>
> Hi all,
>
> Just wondered what peoples views were on installing more than one
> vertical antenna on one aluminium mast?
>
> Ie a Comet GP9 which is a high gain 2&70 antenna installed in the
> normal way on a 20foot ali pole, but also installed on the same pole
> another antenna, ie a Diamond V200 which is a tri-band colinear, 6, 2
> and 70
>
> What are your views?
>
>

24959. Re: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:08:06 UTC
From: Jim
Topic: 24923 Message: 24959

The supply he is talking about is not the battery supply it is the fp30
and it dilvers the full power

http://www.universal-radio.com/catalog/hamhf/45431897.html

Fred Neff wrote:
>
> Hello Tom,
>
> When I read, that you are using and INTERNAL POWER SUPPY.
> The internal P.S. that is used on the FT897 is a Battery Pack.
> and when that is used... the radio performs an automatic power
> shift to 20 Watts.
>
> The 100 Watt function is normal when using an external power supply.
>
> Fred
> WE7M
>
> --- On Mon, 2/9/09, Tom <kerryguy7@...
> <mailto:kerryguy7%40yahoo.com>> wrote:
> From: Tom <kerryguy7@... <mailto:kerryguy7%40yahoo.com>>
> Subject: [FT897] question concerning power output...
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Monday, February 9, 2009, 3:54 PM
>
> I have the 897D with the internal power supply installed. I have the
>
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
>
> I have the radio set at the default setting for 100 watts output power.
>
> OK...here comes the question:
>
> When I transmit on SSB phone the power meter on the rig only seems to
>
> register a reading on the bar graph only about one half of the way
>
> across that graph. I would think that this means I am not getting a
>
> full 100 watts out. Am I correct or am I missing something here? Also...
>
> I, and a more experienced ham, hooked up an MFJ SWR meter which shows
>
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be

>
> getting no less than 93% of my signal out off the antenna. So...my
>
> antenna seems to be working fine anyway. It is just the forward power
>
> out that has me a bit confused. :)
>
> Why then isn't my rig's meter indicating a full 100 watts out?
>
> Or is it???
>
> Thanks in advance for your help once again folks!
>
> '73!!
>
> Tom KC8TBY
>
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>
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>
> [Non-text portions of this message have been removed]
>
>

24960. Re: [FT897] Re: question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:16:32 UTC
From: Kerryguy7
Topic: 24923 Message: 24960

Hi Fred.
I have the FP-30 Power Supply attached to the bottom of the unit. I am NOT using the batteries.
Thanks!

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Fred <we7m@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 10, 2009 11:49:19 AM
Subject: [FT897] Re: question concerning power output...

Hello Tom,
As I read the note, I see you saying that you have the INTERNAL POWER SUPPLY installed... are saying that you have the FNB-78 Battery Pack installed??? ??
If That is what you are saying.... then the Radio will automaticly shift to an output of 20 watts.

If you have the FP-30 Power Supply ATTACHED to the bottom of the Radio... then you should be getting an output of 100 Watts

Good Luck,
Fred,
WE7M

--- In FT897@yahoogroups. com, "Tom" <kerryguy7@. ..> wrote:
>
> I have the 897D with the internal power supply installed. I have the
> rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.
> I have the radio set at the default setting for 100 watts output power.
> OK...here comes the question:
> When I transmit on SSB phone the power meter on the rig only seems to
> register a reading on the bar graph only about one half of the way
> across that graph. I would think that this means I am not getting a
> full 100 watts out. Am I correct or am I missing something here? Also...
> I, and a more experienced ham, hooked up an MFJ SWR meter which shows
> between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be
> getting no less than 93% of my signal out off the antenna. So...my
> antenna seems to be working fine anyway. It is just the forward power
> out that has me a bit confused. :)
> Why then isn't my rig's meter indicating a full 100 watts out?

> Or is it???
> Thanks in advance for your help once again folks!
> '73!!
> Tom KC8TBY
>

[Non-text portions of this message have been removed]

24961. Re: [FT897] Comet GP-15 Antenna

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:16:27 UTC
From: Jim
Topic: 24936 Message: 24961

Check this out

http://www.eham.net/reviews/detail/383

jim.trrll wrote:
>
> Is anyone able to advise me about the Comet GP-15 Atenna on the FT897D?
> Does anyone have experience wih this setup?
> I am testing for my Tech license in three weeks. Have the FT-897D
> to "LISTEN TO For Ham Operation". I WILL NOT TRANSMIT UNTIL MY LICENSE
> SHOWSUP ON THE APPROPRIATE FCC LISTING!!! Right now I am using an In
> door Scanner Antena. I recieve the 2M and 70CM Bands pretty good.
> Thanks for any imput!
>
>

24962. Re: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 13:30:27 UTC
From: Kerryguy7
Topic: 24945 Message: 24962

Congratulation on passing the exam and earning your technician license! Welcome also to the hobby and to this group as well!
I would recommend that you check out the web site QRZ.com. This is a wonderful web site dedicated to all aspects of the ham radio and, most importantly to you, it has a link that allows you to see all "newly issued licenses", (almost) as soon as they are processed by the FCC.
Keep in mind, however, that the FCC is a pretty large beauacracy and as such it sometimes can act a bit slowly. I have never heard of someone having to wait longer than a few weeks however.
Here's the link:
http://www.qrz.com/index.html
Best of luck and let me add my encouragement to you to keep on studying and learning more about radio, propagation, electronics, etc. Move up to general and maybe to extra as well!
Above all, have fun!
Hope to hear you on the air one of these days!
'73!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: s.wood34 <cheatout@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 10, 2009 9:50:32 PM
Subject: [FT897] just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

I just passed my exam for technician last Friday and I??m wondering how
long I have to wait before I can see my call sign online? The exam
giver told me this Tuesday or Wednesday I would see it online but I??m
getting to excited and wanted your guy??s opinion? Also sorry this is
not really related to the ft-897 but I do own one and can??t wait to
use it ?? hope that??s good enough thanks for the help

[Non-text portions of this message have been removed]

24963. Re: just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 14:57:31 UTC
From: George
Topic: 24945 Message: 24963

s.wood34,

It is also of course dependant upon how many applications the FCC received in the same time frame as yours. From what I have seen lately however the time frame given to you by the examiners is pretty close to what is happening though maybe a day or so optomistic.

One additional thing to note is that QRZ's database (which many people look for it on) is updated only in the morning, so lags behind the FCC's search engine by up to 24 hours. For the absolute quickest info make sure you search directly on the FCC web site by your name http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp

Wellcome to the hobby, hope you have many years of pleasure and hope to someday have a QSO with you....

kc0woa
George Madline

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> The posting on-line is directly affected by the
> efficiency of the Examining Team's process
> for submitting the exam results. If the Examining
> Team submits their results via internet right away,
> the posting will happen pretty fast. However,
> if they snail mail their results in, the whole
> process is slowed down as the results will then
> have to be manually entered first./ga
>
> ----- Original Message -----
> From: carl<mailto:carls@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Tuesday, February 10, 2009 11:03 PM
> Subject: Re: [FT897] just got my
license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
>
>
> Can't answer your question, but congratulations on getting your
licence.
> Regs.,
> Carl VK3EMF
>
> s.wood34 wrote:
> >

> > I just passed my exam for technician last Friday and I¡¦m
wondering how
> > long I have to wait before I can see my call sign online? The
exam
> > giver told me this Tuesday or Wednesday I would see it online
but I¡¦m
> > getting to excited and wanted your guy¡¦s opinion? Also sorry
this is
> > not really related to the ft-897 but I do own one and can¡¦t
wait to
> > use it fº hope that¡¦s good enough thanks for the help
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

24964. Re: Comet GP-15 Antenna

Yahoo group: FT897 (2009)
Date: 2009-02-11 15:59:22 UTC
From: Rob - W1AEX
Topic: 24936 Message: 24964

Hi,

I put a GP-15 on top of my tower back in the summer of 2006. It has performed very well in all weather on 6m/2m/440 without any issues at all. I use it on all three bands with the 897D and also an FT-8900. It also does a fine job of listening on the aircraft band, marine band, and all my local public service frequencies. I would recommend it without any hesitation at all.

Rob W1AEX

--- In FT897@yahoogroups.com, "jim.trrll" <jim.trrll@...> wrote:
>
> Is anyone able to advise me about the Comet GP-15 Atenna on the FT897D?
> Does anyone have experience wih this setup?
> Thanks for any imput!
>

24965. Re: [FT897] Re: Comet GP-15 Antenna

Yahoo group: FT897 (2009)
Date: 2009-02-11 17:31:43 UTC
From: N4CQR
Topic: 24936 Message: 24965

Ditto!

Excellent antenna.

--- On Wed, 2/11/09, Rob - W1AEX <w1aex.fn31@...> wrote:

> From: Rob - W1AEX <w1aex.fn31@...>
> I put a GP-15 on top of my tower back in the summer of
> 2006. It has
> performed very well in all weather on 6m/2m/440 without any
> issues at
> all. I use it on all three bands with the 897D and also an
> FT-8900. It
> also does a fine job of listening on the aircraft band,
> marine band,
> and all my local public service frequencies. I would
> recommend it
> without any hesitation at all.
>
> Rob W1AEX
>
> --- In FT897@yahoogroups.com, "jim.trrll"
> <jim.trrll@...> wrote:
> >
> > Is anyone able to advise me about the Comet GP-15
> Atenna on the FT897D?
> > Does anyone have experience wih this setup?
> > Thanks for any imput!
> >
>
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>
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> ------------------------------------
>
> Yahoo! Groups Links
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24966. RE: [FT897] DTMF tones without Microphone?

Yahoo group: FT897 (2009)
Date: 2009-02-11 18:29:14 UTC
From: Mike VA3MW
Topic: 24935 Message: 24966

Yep, you can see if you can find some of the hand held tone generators. I owned one about 20 years ago. Back then, Radio Shack used to sell them.

You could always find one of these

http://cgi.ebay.com/WESTERN-ELECTRIC-STAND-ALONE-TOUCH-TONE-DIAL-PAD_W0QQitemZ270341103423QQcmdZViewItemQQptZCorded_Phones?hash=item270341103423
<http://cgi.ebay.com/WESTERN-ELECTRIC-STAND-ALONE-TOUCH-TONE-DIAL-PAD_W0QQitemZ270341103423QQcmdZViewItemQQptZCorded_Phones?hash=item270341103423&_trksid=p3286.c0.m14&_trkparms=72:1205|66:2|65:12|39:1|240:1318|301:0|293:1|294:50
>
&_trksid=p3286.c0.m14&_trkparms=72:1205|66:2|65:12|39:1|240:1318|301:0|293:1|294:50

and wire it up.

Good luck.

Mike VA3MW

From: jreedbum [mailto:john.bumgarner@...]
Sent: Thursday, February 05, 2009 8:49 AM
To: FT897@yahoogroups.com
Subject: [FT897] DTMF tones without Microphone?

Is there a way to program DTMF tones without the need to buy the fancy mike? Didn't there used to be tone generators you could use on telephones?

Tnx

[Non-text portions of this message have been removed]

24967. Re: 300HZ or 500HZ CW filter?

Yahoo group: FT897 (2009)
Date: 2009-02-05 15:00:04 UTC
From: George
Topic: 24780 Message: 24967

In response to the SSB filters - I preface this reply with the note
that I have not installed either, but I have heard many reports here
on this forum that the 2.3 filter does not really give much advantage
over the built in DSP software filters. You can gain some advantage
by useing the available 2.0 filter from Inrad, though whether that
gain is worth the cost (about $125 I think) is worth it or not has
been debated.

You can use two different filters for CW or SSB and dont have to have
one for CW and one for SSB just as an FYI

George
kc0woa

--- In FT897@yahoogroups.com, "Dan Schaaf" <dan-schaaf@...> wrote:
>
> It is good for PSK and extremely good for CW in pileups. Not for
SSB, AM or FM.
>
> Best Regards
> Dan Schaaf
> K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"
>
> ----- Original Message -----
> From: kybarney
> To: FT897@yahoogroups.com
> Sent: Saturday, January 31, 2009 2:26 PM
> Subject: [FT897] 300HZ or 500HZ CW filter?
>
>
> I was looking at W4RT and saw there are two types of CW filters.
The
> 300HZ filter is advertised for contesting and PSK. Would this
also be
> a good filter for everyday ragchewing or should I go with the
500HZ
> filter?
>
> Is the 2.3KHZ filter a good option for SSB? I think there are
only 2
> slots in the radio and you can only have 1 CW and 1 SSB filter,
each.
>
> Any input is appreciated.
>
> Thanks,

> Kyle
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

24968. Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-11 09:12:04 UTC
From: andybarrett1
Topic: 24968 Message: 24968

Hi All...

Thanks for any help you can give....

I have just purchased a MH-36E8J DTMF Mic for my Radio:-

Question....Is there any way of programming the A & B Buttons to any thing other than the "running man" Tcall or repeater shift would be good....Any clues welcome?

If any thing can be done?

Thank you 73's de Andy G7IIF

24969. Re: just got my license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Yahoo group: FT897 (2009)
Date: 2009-02-11 20:58:33 UTC
From: s.wood34
Topic: 24945 Message: 24969

thanks to all of you for your help. still havent got my call sign :-
(but i will post it as soon as i get it, also i have planned to
take general exam next month and already started learning cw not bad
for being 20 :-) thanks again to everyone

--- In FT897@yahoogroups.com, "George" <gmadline@...> wrote:
>
> s.wood34,
>
> It is also of course dependant upon how many applications the FCC
> received in the same time frame as yours. From what I have seen
> lately however the time frame given to you by the examiners is
pretty
> close to what is happening though maybe a day or so optomistic.
>
> One additional thing to note is that QRZ's database (which many
> people look for it on) is updated only in the morning, so lags
behind
> the FCC's search engine by up to 24 hours. For the absolute
quickest
> info make sure you search directly on the FCC web site by your name
> http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp
>
> Wellcome to the hobby, hope you have many years of pleasure and
hope
> to someday have a QSO with you....
>
>
> kc0woa
> George Madline
>
> --- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@> wrote:
> >
> > DE N7UVL,
> > The posting on-line is directly affected by the
> > efficiency of the Examining Team's process
> > for submitting the exam results. If the Examining
> > Team submits their results via internet right away,
> > the posting will happen pretty fast. However,
> > if they snail mail their results in, the whole
> > process is slowed down as the results will then
> > have to be manually entered first./ga
> >
> > ----- Original Message -----
> > From: carl<mailto:carls@>

> > To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> > Sent: Tuesday, February 10, 2009 11:03 PM
> > Subject: Re: [FT897] just got my
> license!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
> >
> >
> > Can't answer your question, but congratulations on getting
your
> licence.
> > Regs.,
> > Carl VK3EMF
> >
> > s.wood34 wrote:
> > >
> > > I just passed my exam for technician last Friday and I¡¦m
> wondering how
> > > long I have to wait before I can see my call sign online?
The
> exam
> > > giver told me this Tuesday or Wednesday I would see it
online
> but I¡¦m
> > > getting to excited and wanted your guy¡¦s opinion? Also
sorry
> this is
> > > not really related to the ft-897 but I do own one and can¡¦t
> wait to
> > > use it fº hope that¡¦s good enough thanks for the help
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

24970. RE: [FT897] question concerning power output...

Yahoo group: FT897 (2009)
Date: 2009-02-11 06:38:13 UTC
From: Brian Tucker
Topic: 24923 Message: 24970

Fred,

I believe he's referring to the FP-30 internal power supply that is
available for the FT-897, which can be installed instead of the batteries.
In this configuration, the radio will in fact transmit at 100 watts.

As for the question, as SSB power is dependent upon the amplitude of the
signal, it may be in order to check the mic gain and also check the
modulation of the signal. Do you by chance have an external power meter
that you can validate against?

Brian

WD4DX

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Fred
Neff
Sent: Monday, February 09, 2009 5:22 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] question concerning power output...

Hello Tom,

When I read, that you are using and INTERNAL POWER SUPPY.
The internal P.S. that is used on the FT897 is a Battery Pack.
and when that is used... the radio performs an automatic power
shift to 20 Watts.

The 100 Watt function is normal when using an external power supply.

Fred
WE7M

--- On Mon, 2/9/09, Tom <kerryguy7@... <mailto:kerryguy7%40yahoo.com>
> wrote:
From: Tom <kerryguy7@... <mailto:kerryguy7%40yahoo.com> >
Subject: [FT897] question concerning power output...
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Date: Monday, February 9, 2009, 3:54 PM

I have the 897D with the internal power supply installed. I have the

rig hooked up to a Par Electronics 20 meter end-fed dipole antenna.

I have the radio set at the default setting for 100 watts output power.

OK...here comes the question:

When I transmit on SSB phone the power meter on the rig only seems to

register a reading on the bar graph only about one half of the way across that graph. I would think that this means I am not getting a full 100 watts out. Am I correct or am I missing something here? Also... I, and a more experienced ham, hooked up an MFJ SWR meter which shows between a 1.3 and a 1.6 SWR on transmit. If I am correct I should be getting no less than 93% of my signal out off the antenna. So...my antenna seems to be working fine anyway. It is just the forward power out that has me a bit confused. :)

Why then isn't my rig's meter indicating a full 100 watts out?

Or is it???

Thanks in advance for your help once again folks!

'73!!

Tom KC8TBY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24971. W4RT Electronics Valentine's Day Special

Yahoo group: FT897 (2009)
Date: 2009-02-12 01:32:27 UTC
From: w4wb
Topic: 24971 Message: 24971

In celebration of Valentine's Day, W4RT Electronics is offering FREE SHIPPING on all orders of at least $100 for destinations located in the continental USA only. www.w4rt.com

Get that filter, DSP, or autotuner your "sweetheart" has been wanting and make it a special day! :-)

To receive this offer, just enter FREE-SHIPPING in the Voucher entry block. It must be typed exactly as shown ... note the hyphen. The method of shipping is at W4RT's discretion. Offer expires 16 February 2009.

73,
Barry W4WB
W4RT Electronics
www.w4rt.com

24972. Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-12 03:13:46 UTC
From: tomvanderpool
Topic: 24968 Message: 24972

If you're talking about the A-D buttons on the right side of the mic, the A-C are set the same as the last row on the radio (the programmable keys). There are three other keys on the mic that you can program. These are set using menu options 65-70, page 55 in the manual will get you started.

Tom

--- In FT897@yahoogroups.com, "andybarrett1" <andybarrett1@...> wrote:
>
> Hi All...
>
> Thanks for any help you can give....
>
> I have just purchased a MH-36E8J DTMF Mic for my Radio:-
>
> Question....Is there any way of programming the A & B Buttons to any
> thing other than the "running man" Tcall or repeater shift would be
> good....Any clues welcome?
>
> If any thing can be done?
>
> Thank you 73's de Andy G7IIF
>

24973. FT-897D-software

Yahoo group: FT897 (2009)
Date: 2009-02-12 06:11:31 UTC
From: joe petrusinski
Topic: 24973 Message: 24973

Hi,can anyone help me with finding programing software for FT-897D
after market one,i doo have original yaesu,but other
software looks diferent and programing is diferent.Thanks
Joe,VK2JP
"73

Make Yahoo!7 your homepage and win a trip to the Quiksilver Pro. Find out more

[Non-text portions of this message have been removed]

24974. Re: FT-897D-software

Yahoo group: FT897 (2009)
Date: 2009-02-12 12:08:39 UTC
From: Robert G. Schaffrath
Topic: 24973 Message: 24974

For memory programming there is FTBasicMMO. For tuning and operating there is Ham Radio Deluxe and Virtual Legacy Radio.

Robert, N2JTX

--- In FT897@yahoogroups.com, joe petrusinski <vk2jp@...> wrote:
>
> Hi,can anyone help me with finding programing software for FT-897D
> after market one,i doo have original yaesu,but other
> software looks diferent and programing is diferent.Thanks
> Joe,VK2JP
> "73
>
>
>
> Make Yahoo!7 your homepage and win a trip to the Quiksilver Pro. Find out more
>
> [Non-text portions of this message have been removed]
>

24975. RE: [FT897] Re: FT-897D-software

Yahoo group: FT897 (2009)
Date: 2009-02-12 14:45:49 UTC
From: Dave AA6YQ
Topic: 24973 Message: 24975

DXLab supports the FT897. Its free, and available via www.dxlabsuite.com

Besides the usual logging, transceiver control, DX spot collection and digital mode features you'll find in most applications, DXLab

- controls up to 4 transceivers, with optional transceiver selection by frequency

- provides 10 banks of 10 memories, with the ability to continuously scan a bank's frequencies

- displays frequency-dependent settings for devices like tuners, amplifiers, and antenna switches, with optional control via parallel port signals

- supports transverters for 6m, 4m, 2m, and 70cm operation

- provides user-defined transceiver control sequences initiated by buttons and sliders

- provides both map-driven and callsign-driven operation of all commercial PC-controllable rotators

- tracks confirmation and verification of QSOs for DXCC and TopList awards, highlighting needed DX spots, automatically generating outgoing QSLs that request confirmation of needed QSLs, identifying confirmed QSOs for submission to the ARRL DXCC desk, and generating DXCC submission paperwork

- reports progress towards DXCC, TopList, Challenge, VUCC, Marathon, WAS, WAC, IOTA, WAZ, WPX, USA-CA, DOK, WAE, RDA, JARL, and WAB awards

- extracts address information from all 3 CDROM callbooks and QRZ.com (free with advertising, or no advertising with subscription)

- provides one-click access to more than 80 web-accessible sources of QSL information

- directly prints QSL labels and 4-to-a-page QSL cards

- directly prints addresses on envelopes or labels

- provides operations that can alter many logged QSOs simultaneously without requiring the user to modify ADIF files -- e.g. performing callbook lookups on already-logged QSOs, or adjusting the start times of QSOs logged during a specific time range, or extracting QTH information from COMMENT fields, or...

- synchronizes with LotW and eQSL.cc, initiating upload and download operations with a single mouse click without requiring the user to manually invoke TQSL

- captures DX spots from up to 6 sources (telnet clusters, packetclusters, DX Summit), creating and maintaining a local database with one entry for each active DX station that is color coded by "need" and LotW participation, and whose entries can be independently filtered and displayed in a table, on its world map, and on a zoomable bandspread

- extracts QSX frequencies from DX spot notes, enabling accurate transceiver setup for split frequency operation with one user action

- captures solar and geomagnetic data from WWV spots and uses this data to display easy-to-understand QST-style graphical propagation forecasts, and to depict the auroral oval on its world map (choice of VOACAP, ICEPAC, or IONCAP propagation forcasting engines)

- monitors user-specified NCDXF/IARU HF beacon schedules to rapidly calibrate propagation forecasts with actual propagation

- decodes all PSK31 or PSK63 or PSK125 QSOs within your transceiver's bandpass and extract callsigns to create and maintain a "stations heard" window

- simultaneously runs soundcard RTTY (using the MMTTY engine) and an external modem (e.g. a KAM or PK232) to provide diversity decoding or the ability to simultaneously decode a DX station and callers

- supports PSK, RTTY, CW (generation only), and Phone (voice keying) with a single user interface and macro facility

- interoperates with with MultiPSK, MMSSTV, MMVARI, MMTTY, MixW, Fldigi, DM780, HRD, and DX Atlas

- is updated frequently, and downloads/installs upgrades with a single mouse click

- is driven by an active and friendly user community open to everyone

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Robert G. Schaffrath
Sent: Thursday, February 12, 2009 8:09 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT-897D-software

For memory programming there is FTBasicMMO. For tuning and operating there is Ham Radio Deluxe and Virtual Legacy Radio.

Robert, N2JTX

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , joe petrusinski <vk2jp@...> wrote:
>
> Hi,can anyone help me with finding programing software for FT-897D

> after market one,i doo have original yaesu,but other
> software looks diferent and programing is diferent.Thanks
> Joe,VK2JP
> "73
>
>
>
> Make Yahoo!7 your homepage and win a trip to the Quiksilver
Pro. Find out more
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

24976. Re: [FT897] FT-897D-software

Yahoo group: FT897 (2009)
Date: 2009-02-12 14:52:05 UTC
From: Larry D. Barr
Topic: 24973 Message: 24976

RT Systems ADMS-4B is what I use

http://tinyurl.com/br28co

73,
ldb
K5WLF

joe petrusinski wrote:
> Hi,can anyone help me with finding programing software for FT-897D
> after market one,i doo have original yaesu,but other
> software looks diferent and programing is diferent.Thanks
> Joe,VK2JP
> "73

24977. Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-12 16:20:41 UTC
From: tenorman1952
Topic: 24968 Message: 24977

--- In FT897@yahoogroups.com, "andybarrett1" <andybarrett1@...> wrote:
>
> Hi All...
>
> Thanks for any help you can give....
>
> I have just purchased a MH-36E8J DTMF Mic for my Radio:-
>
> Question....Is there any way of programming the A & B Buttons to
any
> thing other than the "running man" Tcall or repeater shift would be
> good....Any clues welcome?
>
> If any thing can be done?
>
> Thank you 73's de Andy G7IIF

I have the same mic, Andy, and can find nothing in either the manual or at the Yaesu website that would give more information about taking advantage of the obvious capabilities of this mic.

Paul
AE5JU

24978. Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-12 21:52:05 UTC
From: andybarrett1
Topic: 24968 Message: 24978

Maybe I should confirm:-

The A-D buttons on the right side are for DTMF tones.

The buttons I am interested in are the black A and B Buttons at the
bottom horizontally on the right?

--- In FT897@yahoogroups.com, "tomvanderpool" <kd0bnt@...> wrote:
>
> If you're talking about the A-D buttons on the right side of the mic,
> the A-C are set the same as the last row on the radio (the
> programmable keys). There are three other keys on the mic that you can
> program. These are set using menu options 65-70, page 55 in the manual
> will get you started.
>
> Tom
>
>
>
> --- In FT897@yahoogroups.com, "andybarrett1" <andybarrett1@> wrote:
> >
> > Hi All...
> >
> > Thanks for any help you can give....
> >
> > I have just purchased a MH-36E8J DTMF Mic for my Radio:-
> >
> > Question....Is there any way of programming the A & B Buttons to any
> > thing other than the "running man" Tcall or repeater shift would be
> > good....Any clues welcome?
> >
> > If any thing can be done?
> >
> > Thank you 73's de Andy G7IIF
> >
>

24979. Re: [FT897] Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-12 22:40:35 UTC
From: Jim
Topic: 24968 Message: 24979

What mic are you using?

andybarrett1 wrote:
>
> Maybe I should confirm:-
>
> The A-D buttons on the right side are for DTMF tones.
>
> The buttons I am interested in are the black A and B Buttons at the
> bottom horizontally on the right?
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "tomvanderpool" <kd0bnt@...> wrote:
> >
> > If you're talking about the A-D buttons on the right side of the mic,
> > the A-C are set the same as the last row on the radio (the
> > programmable keys). There are three other keys on the mic that you can
> > program. These are set using menu options 65-70, page 55 in the manual
> > will get you started.
> >
> > Tom
> >
> >
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "andybarrett1" <andybarrett1@> wrote:
> > >
> > > Hi All...
> > >
> > > Thanks for any help you can give....
> > >
> > > I have just purchased a MH-36E8J DTMF Mic for my Radio:-
> > >
> > > Question....Is there any way of programming the A & B Buttons to any
> > > thing other than the "running man" Tcall or repeater shift would be
> > > good....Any clues welcome?
> > >
> > > If any thing can be done?
> > >
> > > Thank you 73's de Andy G7IIF
> > >
> >
>
>

24980. Re: [FT897] Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-02-12 23:18:23 UTC
From: JAMES AMBURN
Topic: 24968 Message: 24980

Hi Andy,
My books show this mike as an option DTMF mike for the FT-857D radio but gives no other information. I would recommend call Yaesu and talk to a tech there. Sorry I can not be more help.
Jim N0TUI
----- Original Message -----
From: tenorman1952<mailto:tenorman1952@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 12, 2009 9:20 AM
Subject: [FT897] Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

--- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "andybarrett1" <andybarrett1@...> wrote:
>
> Hi All...
>
> Thanks for any help you can give....
>
> I have just purchased a MH-36E8J DTMF Mic for my Radio:-
>
> Question....Is there any way of programming the A & B Buttons to any
> thing other than the "running man" Tcall or repeater shift would be
> good....Any clues welcome?
>
> If any thing can be done?
>
> Thank you 73's de Andy G7IIF

I have the same mic, Andy, and can find nothing in either the manual or at the Yaesu website that would give more information about taking advantage of the obvious capabilities of this mic.

Paul
AE5JU

[Non-text portions of this message have been removed]

24981. Yahoo group pricing for TiniCAT interfaces

Yahoo group: FT897 (2009)
Date: 2009-02-13 00:43:34 UTC
From: Bill
Topic: 24981 Message: 24981

Howdy gang.
I have added a mail order form to the files area where all the TiniCAT drawings are located. We all know the economy is slow and $ are tight. By using mail order with a check I can pass along the savings of the Paypal fees that I would incure if one ordered from the website. This savings is not huge however it will help and is one way I can lower the cost. As always I encourage home brew of the design and support home brewers by email nights and weekends regardless if you purchase any parts from me or not. email for this support is techhelp@... All the drawings to home brew one along with a parts list with supplier names is in this group's files section. This discount is only for Yahoo group members for bare P.C. boards, kits and built and tested units shown on the form.
A slide show of what a completed TiniCAT CAT level converter and sound card interface looks like and how to plug and play can be found here http://www.n5ztw.com/FT-897.htm There are hundreds in use today. Please email me any photos of your home brew version so I can add them to my web site.
See you on the waterfall.
Bill N5ZTW

24982. Re: [FT897] FT-897D-software

Yahoo group: FT897 (2009)
Date: 2009-02-14 21:50:06 UTC
From: David Hill
Topic: 24973 Message: 24982

Joe,

Try FTbasicMMO its a nice simple memory management software

cheers

David Hill
MØBWY

-------Original Message-------

From: joe petrusinski
Date: 12/02/2009 06:11:51
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D-software

Hi,can anyone help me with finding programing software for FT-897D
after market one,i doo have original yaesu,but other
software looks diferent and programing is diferent.Thanks
Joe,VK2JP
"73

Make Yahoo!7 your homepage and win a trip to the Quiksilver Pro. Find out
more

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24983. Radio loocked

Yahoo group: FT897 (2009)
Date: 2009-02-15 02:22:21 UTC
From: py4xx
Topic: 24983 Message: 24983

Hi all...

My radio was working well today in WPX RTTY, when suddenly, he
stopped ...

I tried several things but nothing ...

Now the situation is as follows:

The VFO button - normal
League off - normal
mem / ch VFO - Normal
V / M - Normal
HOME - Normal
DSP - Normal
MODE - Not working
BAND - Not working
AF / SQL - Normal
CLARIFIES - Normal
Function button - normal
Menu - normal
PTT - No work
CAT - some command works, but MODE and BAND do not work

Can you give me a hint on how to unlock?

Thanks

Carlos Alberto
PY4XX

24984. Re: [FT897] Radio loocked

Yahoo group: FT897 (2009)
Date: 2009-02-15 03:03:58 UTC
From: n5ztw@texasdata.net
Topic: 24983 Message: 24984

I know this may sound silly but do you have the "LOCK"
feature enabled?
Menu 054 selects how far the rig will lock out when "lock"
is selected.
Dial Freq Entire panel or ALL
Perhaps you hit the lock key?
Del N5ZTW

----- Original Message Follows -----
From: "py4xx" <py4xx@...>
To: FT897@yahoogroups.com
Subject: [FT897] Radio loocked
Date: Sun, 15 Feb 2009 02:22:21 -0000

> Hi all...
>
> My radio was working well today in WPX RTTY, when
> suddenly, he stopped ...
>
> I tried several things but nothing ...
>
> Now the situation is as follows:
>
> The VFO button - normal
> League off - normal
> mem / ch VFO - Normal
> V / M - Normal
> HOME - Normal
> DSP - Normal
> MODE - Not working
> BAND - Not working
> AF / SQL - Normal
> CLARIFIES - Normal
> Function button - normal
> Menu - normal
> PTT - No work
> CAT - some command works, but MODE and BAND do not work
>
> Can you give me a hint on how to unlock?
>
> Thanks
>
> Carlos Alberto
> PY4XX
>

>

24985. Re: [FT897] Radio loocked

Yahoo group: FT897 (2009)
Date: 2009-02-15 03:25:24 UTC
From: Carlos Alberto
Topic: 24983 Message: 24985

Hi...

In menu 054 is DIAL...

The "LOCK" key is disabled...

Carlos Alberto
PY4XX

2009/2/15 n5ztw@... <n5ztw@...>

> I know this may sound silly but do you have the "LOCK"
> feature enabled?
> Menu 054 selects how far the rig will lock out when "lock"
> is selected.
> Dial Freq Entire panel or ALL
> Perhaps you hit the lock key?
> Del N5ZTW
>
> ----- Original Message Follows -----
> From: "py4xx" <py4xx@... <py4xx%40dxbrasil.net>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Radio loocked
> Date: Sun, 15 Feb 2009 02:22:21 -0000
>
>
> > Hi all...
> >
> > My radio was working well today in WPX RTTY, when
> > suddenly, he stopped ...
> >
> > I tried several things but nothing ...
> >
> > Now the situation is as follows:
> >
> > The VFO button - normal
> > League off - normal
> > mem / ch VFO - Normal
> > V / M - Normal
> > HOME - Normal
> > DSP - Normal
> > MODE - Not working
> > BAND - Not working
> > AF / SQL - Normal
> > CLARIFIES - Normal
> > Function button - normal

> > Menu - normal
> > PTT - No work
> > CAT - some command works, but MODE and BAND do not work
> >
> > Can you give me a hint on how to unlock?
> >
> > Thanks
> >
> > Carlos Alberto
> > PY4XX
> >
> >
>
>

[Non-text portions of this message have been removed]

24986. AT-897 hanging in XMIT

Yahoo group: FT897 (2009)
Date: 2009-02-15 04:13:05 UTC
From: Larry D. Barr, K5WLF
Topic: 24986 Message: 24986

I just installed a Buxcomm 8010CD in 'cloud warmer' configuration today.
On some frequencies my AT-897 is hanging and keeping the FT-897D in XMIT
mode.

It doesn't happen with the Hustler 5-BTV on the same freqs.

Anybody else ever had this happen?

73,
ldb
K5WLF

24987. Re: [FT897] Radio loocked

Yahoo group: FT897 (2009)
Date: 2009-02-15 05:08:24 UTC
From: Carlos Alberto
Topic: 24983 Message: 24987

Hi ...

I discovered what was happening with the radio. It was my electronic Keyer
(K10), which came in short, and blocked the route of transmission of radio
...

Good, that was just remove the plug of the keyer, and radio back to work
again ...

TKS / QRV

73
Carlos Alberto
PY4XX

2009/2/15 Carlos Alberto <py4xx@...>

> Hi...
>
> In menu 054 is DIAL...
>
> The "LOCK" key is disabled...
>
> Carlos Alberto
> PY4XX
>
> 2009/2/15 n5ztw@... <n5ztw@...>
>
> I know this may sound silly but do you have the "LOCK"
>> feature enabled?
>> Menu 054 selects how far the rig will lock out when "lock"
>> is selected.
>> Dial Freq Entire panel or ALL
>> Perhaps you hit the lock key?
>> Del N5ZTW
>>
>> ----- Original Message Follows -----
>> From: "py4xx" <py4xx@... <py4xx%40dxbrasil.net>>
>> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
>> Subject: [FT897] Radio loocked
>> Date: Sun, 15 Feb 2009 02:22:21 -0000
>>
>>
>> > Hi all...
>> >
>> > My radio was working well today in WPX RTTY, when

>> > suddenly, he stopped ...
>> >
>> > I tried several things but nothing ...
>> >
>> > Now the situation is as follows:
>> >
>> > The VFO button - normal
>> > League off - normal
>> > mem / ch VFO - Normal
>> > V / M - Normal
>> > HOME - Normal
>> > DSP - Normal
>> > MODE - Not working
>> > BAND - Not working
>> > AF / SQL - Normal
>> > CLARIFIES - Normal
>> > Function button - normal
>> > Menu - normal
>> > PTT - No work
>> > CAT - some command works, but MODE and BAND do not work
>> >
>> > Can you give me a hint on how to unlock?
>> >
>> > Thanks
>> >
>> > Carlos Alberto
>> > PY4XX
>> >
>> >
>>
>>
>
>

[Non-text portions of this message have been removed]

24988. Re: [FT897] AT-897 hanging in XMIT

Yahoo group: FT897 (2009)
Date: 2009-02-15 05:25:37 UTC
From: Jim
Topic: 24986 Message: 24988

you have RF getting back into the rig. put a choke on the feed coax,
and some ferrite beads on it too

Larry D. Barr, K5WLF wrote:
>
> I just installed a Buxcomm 8010CD in 'cloud warmer' configuration today.
> On some frequencies my AT-897 is hanging and keeping the FT-897D in XMIT
> mode.
>
> It doesn't happen with the Hustler 5-BTV on the same freqs.
>
> Anybody else ever had this happen?
>
> 73,
> ldb
> K5WLF
>
>

24989. Re: [FT897] Radio loocked

Yahoo group: FT897 (2009)
Date: 2009-02-15 05:26:52 UTC
From: Jim
Topic: 24983 Message: 24989

I have had that happen with the shorting lever getting moved on my J38

Carlos Alberto wrote:
>
> Hi ...
>
> I discovered what was happening with the radio. It was my electronic Keyer
> (K10), which came in short, and blocked the route of transmission of
> radio
> ...
>
> Good, that was just remove the plug of the keyer, and radio back to work
> again ...
>
> TKS / QRV
>
> 73
> Carlos Alberto
> PY4XX
>
> 2009/2/15 Carlos Alberto <py4xx@...
> <mailto:py4xx%40dxbrasil.net>>
>
> > Hi...
> >
> > In menu 054 is DIAL...
> >
> > The "LOCK" key is disabled...
> >
> > Carlos Alberto
> > PY4XX
> >
> > 2009/2/15 n5ztw@... <mailto:n5ztw%40texasdata.net>
> <n5ztw@... <mailto:n5ztw%40texasdata.net>>
> >
> > I know this may sound silly but do you have the "LOCK"
> >> feature enabled?
> >> Menu 054 selects how far the rig will lock out when "lock"
> >> is selected.
> >> Dial Freq Entire panel or ALL
> >> Perhaps you hit the lock key?
> >> Del N5ZTW
> >>
> >> ----- Original Message Follows -----
> >> From: "py4xx" <py4xx@... <mailto:py4xx%40dxbrasil.net>

> <py4xx%40dxbrasil.net>>
> >> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <FT897%40yahoogroups.com>
> >> Subject: [FT897] Radio loocked
> >> Date: Sun, 15 Feb 2009 02:22:21 -0000
> >>
> >>
> >> > Hi all...
> >> >
> >> > My radio was working well today in WPX RTTY, when
> >> > suddenly, he stopped ...
> >> >
> >> > I tried several things but nothing ...
> >> >
> >> > Now the situation is as follows:
> >> >
> >> > The VFO button - normal
> >> > League off - normal
> >> > mem / ch VFO - Normal
> >> > V / M - Normal
> >> > HOME - Normal
> >> > DSP - Normal
> >> > MODE - Not working
> >> > BAND - Not working
> >> > AF / SQL - Normal
> >> > CLARIFIES - Normal
> >> > Function button - normal
> >> > Menu - normal
> >> > PTT - No work
> >> > CAT - some command works, but MODE and BAND do not work
> >> >
> >> > Can you give me a hint on how to unlock?
> >> >
> >> > Thanks
> >> >
> >> > Carlos Alberto
> >> > PY4XX
> >> >
> >> >
> >>
> >>
> > >
> > >
>
> [Non-text portions of this message have been removed]
>
>

24990. FT-897 second menu - also known as hidden menu

Yahoo group: FT897 (2009)
Date: 2009-02-14 15:27:24 UTC
From: mpsrepman
Topic: 24990 Message: 24990

Hi,
I have recently acquired an FT-897. I have tried to access the hidden menus (I have shown ext menu 1 as ON). When I hit A,B,C and power then the func for half a second I do not get access the the hidden menus. Can anyone help me to get in to them as I think the former owner messed them up.
Thanks,
James G0SDB

24991. Re: [FT897] FT-897 second menu - also known as hidden menu

Yahoo group: FT897 (2009)
Date: 2009-02-15 11:50:40 UTC
From: kc3vo@aol.com
Topic: 24990 Message: 24991

You are ALSO likely to mess them up, by failing to follow YAESU directions. BEFORE you make the attempt, you are to be certain of supplying 13.8 volts, (not 13.1, not 14.5, not 12.7, but a regulated 13.8 volts) to the radio! This voltage should be set to 13.8 volts, with an error of 1/10 volt or less, measured at the supplied power cable, with radio on, in receive mode. The voltage level is used as a reference to set the service menu. Do NOT press the "function" key until AFTER you finish making observations/adjustments, but REMEMBER: these settings are different for EACH radio, there are no "default" settings, and there is no "auto-restore" if screwed up! To properly adjust these settings, you need the YAESU service manual, tools, technical skills, and much test equipment.--CAREFUL, and good luck!--73, KC3VO, Bob Curry
**********Need a job? Find an employment agency near you. (http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000003)

[Non-text portions of this message have been removed]

24992. Re: FT-897 second menu - also known as hidden menu

Yahoo group: FT897 (2009)
Date: 2009-02-15 15:41:02 UTC
From: Rob - W1AEX
Topic: 24990 Message: 24992

Hi James,

Bob's warnings are on target. Approach the service menu with caution.

If your 897 is connected to your computer, there is a simpler way to look at your service menu settings. In the files section of this group, there is a utility called "Modify.zip" that will allow you to view all the service menu settings of your 897.

It will also allow you to save (back-up) all your unique service menu settings to your hard drive. The utility also has the ability to change service menu settings on the fly as well, but as Bob has warned you, don't do this without fully understanding what is going on. Your radio has unique settings that were set to optimum values for the combination of components in your 897.

Rob W1AEX

--- In FT897@yahoogroups.com, "mpsrepman" <g0sdb@...> wrote:
>
> Hi,
> I have recently acquired an FT-897. I have tried to access the hidden
> menus (I have shown ext menu 1 as ON). When I hit A,B,C and power then
> the func for half a second I do not get access the the hidden menus.
> Can anyone help me to get in to them as I think the former owner messed
> them up.
> Thanks,
> James G0SDB
>

24993. Re: FT-897 second menu - also known as hidden menu

Yahoo group: FT897 (2009)
Date: 2009-02-15 17:32:52 UTC
From: Rob - W1AEX
Topic: 24990 Message: 24993

James,

One other thought. After examining your own service menu settings, you might want to look at a collection of service menu settings that Jochen, DG2IAQ has collected, purely for comparison purposes. He has this data at the following location:

http://www.qth.at/dg2iaq/mods/Yaesu%20FT-897%20Servicemenu%20+%20Internal%20Menu.zip

If the above link is broken, simply go to his site at the link below and navigate to the file named: Yaesu FT-897 Servicemenu + Internal Menu.zip

http://www.qth.at/dg2iaq/mods.htm

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "mpsrepman" <g0sdb@...> wrote:
>
> Hi,
> I have recently acquired an FT-897. I have tried to access the hidden
> menus (I have shown ext menu 1 as ON). When I hit A,B,C and power then
> the func for half a second I do not get access the the hidden menus.
> Can anyone help me to get in to them as I think the former owner messed
> them up.
> Thanks,
> James G0SDB
>

24994. unwanted DSP for digmod

Yahoo group: FT897 (2009)
Date: 2009-02-15 10:25:20 UTC
From: obotka
Topic: 24994 Message: 24994

Hi people,

I found the use of DSP set to BOTH (menu 48) to be adequate for my voice. In SSB mode and pressing PPT, a green LED turns on; depressing PTT, it turns off.

Fine. Ii is working. Now I change TX mode to DIG. I leave PTT unused and start a transmition using a PC. The DSP LED turns on.

DSP from menu 48 is intended for voice improvement. I don´t want it changing characteristics of the digital tones.

Have I to go to menu 48 every time I change from SSB to DIG modes?

Thanks,

Otavio, PY4OLB.

24995. Re: CT-39a wirring diagram

Yahoo group: FT897 (2009)
Date: 2009-02-15 14:03:08 UTC
From: nightvisionus
Topic: 4949 Message: 24995

I am trying to connect the FT 897 to the PC by using the CT-39A cable.

Can anyone please advise me on the following.

1) Can the CT-39a be connected to the PC thru an RS232 (9 pin) via USB
2) where can i find or get the wiring diagram for the RS232 with the CT-39A.
3) is there any setting thats is require to do on the FT 897 using the CT-39A

Thanks you

Have a pleasent day

Macguyver

24996. Mag Loop Antenna...

Yahoo group: FT897 (2009)
Date: 2009-02-16 04:30:51 UTC
From: george fislan
Topic: 24996 Message: 24996

Hi Guys...

I am coming
back to the HAM vawes after 15 years... I am 60 year

old HAM guy and
I am going to buy FT-897D.... but I am
living in Condo and my only space for putting antenna up is my solarium... After
spending few days on Internet I made final designation about my antenna....

I am going to use this type of antenna:

http://www.kr1st.com/magloop.htm

..And
my question is: Do I need any tuner for this type of antenna..???
  I will transmit on 20 Watts only.

By safe guys ... and thank you.... George.

[Non-text portions of this message have been removed]

24997. Re: [FT897] Mag Loop Antenna...

Yahoo group: FT897 (2009)
Date: 2009-02-16 10:11:04 UTC
From: Paul Graham
Topic: 24996 Message: 24997

Hello George,

The amount of power you can use in these antennas is governed by the type of capatitor used. The higher the voltage rating, the more power.

You don't need a tuner for the antenna, but, if constructed properly, yiu will need to retune the antenna every time you change frquency.. This means that if you site the antenna away from your radio then you will need some sort of remote motorised control over the tunuing of the antenna. I curently have one of these in the loft now and can confirm that they give excellent results for their size. It works a lot better than I was expecting!

Hope this helps,

Paul.
2E0RAK

From: george fislan <gefi_can@...>
To: FT897@yahoogroups.com
Sent: Monday, 16 February, 2009 4:30:51
Subject: [FT897] Mag Loop Antenna...

Hi Guys...

I am coming
back to the HAM vawes after 15 years... I am 60 year

old HAM guy and
I am going to buy FT-897D.... but I am
living in Condo and my only space for putting antenna up is my solarium... After spending few days on Internet I made final designation about my antenna....

I am going to use this type of antenna:

http://www.kr1st. com/magloop. htm

..And
my question is: Do I need any tuner for this type of antenna..???
I will transmit on 20 Watts only.

By safe guys ... and thank you.... George.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

24998. Re: [FT897] unwanted DSP for digmod

Yahoo group: FT897 (2009)
Date: 2009-02-16 11:57:13 UTC
From: Walter (Yahoo)
Topic: 24994 Message: 24998

Otavio, bom dia,

Explique melhor esta dica.

Tenho um FT-897D.

Grato,

Walter JR.

PY4ZO

-------Original Message-------

From: obotka
Date: 16/02/2009 00:51:04
To: FT897@yahoogroups.com
Subject: [FT897] unwanted DSP for digmod

Hi people,

I found the use of DSP set to BOTH (menu 48) to be adequate for my voice. In SSB mode and pressing PPT, a green LED turns on; depressing PTT, it turns off.

Fine. Ii is working. Now I change TX mode to DIG. I leave PTT unused and start a transmition using a PC. The DSP LED turns on.

DSP from menu 48 is intended for voice improvement. I don´t want it changing characteristics of the digital tones.

Have I to go to menu 48 every time I change from SSB to DIG modes?

Thanks,

Otavio, PY4OLB.

[Non-text portions of this message have been removed]

24999. Re: Mag Loop Antenna...

Yahoo group: FT897 (2009)
Date: 2009-02-16 13:17:46 UTC
From: Steve Yates
Topic: 24996 Message: 24999

Hi George,

I agree with Paul. I just want to stress that you do NOT want to use a tuner with a magnetic loop antenna, or any small, hi-Q antenna for that matter. This type of antenna must be tuned at the antenna to maintain any decent efficiency. However, when properly adjusted it will do very well for you.

73,
Steve - AA5TB

http://www.aa5tb.com/loop.html

25000. Re: [FT897] Re: Mag Loop Antenna...

Yahoo group: FT897 (2009)
Date: 2009-02-16 13:54:07 UTC
From: Roger Sale
Topic: 24996 Message: 25000

Hi George,
MFJ do make a tuner specially designed for mag loops, but the main problem is as mentioned by others, that you have to retune every time you change frequency, even a few Khz either way will result in needing a retune.
With that in mind, if you don't use a remote method of tuning, you will need a motor to tune a large capacitor for the loop, and I am in a similar situation, living in a restricted space building, this creates more problems even at 20 watts, the potential high voltages from a mag loop are dangerous, and manually tuning can make this an even greater hazard. My experience was the mag loop was more trouble than it was worth, and eventually I decided to go with a stealth type long wire, its amazing what you can hide away from neighbours etc when you really want to.
73
Roger
2E0RAC

[Non-text portions of this message have been removed]

25001. Re: [FT897] Re: Mag Loop Antenna...

Yahoo group: FT897 (2009)
Date: 2009-02-16 17:15:17 UTC
From: george fislan
Topic: 24996 Message: 25001

Hi Roger...and other good souls...

I know.... but I will control big air_cap with stepper motor from my
old printer.... I will remove a stepper motor from old printer and I will
control that air_cap with stepper mot. as a printer... I have to rewrite
printer driver.... I am also old software programmer... I will have a fun
for sure. But use mag.loop as a antenna is only one option for me...
20 Watts is max power I can use... I am sitting quite close (4 meters.)
from that loop...

George.

--- On Mon, 2/16/09, Roger Sale <roger_h_sale@...> wrote:
From: Roger Sale <roger_h_sale@...>
Subject: Re: [FT897] Re: Mag Loop Antenna...
To: FT897@yahoogroups.com
Date: Monday, February 16, 2009, 8:54 AM

Hi George,

MFJ do make a tuner specially designed for mag loops, but the main problem is as mentioned by others, that you have to retune every time you change frequency, even a few Khz either way will result in needing a retune.

With that in mind, if you don't use a remote method of tuning, you will need a motor to tune a large capacitor for the loop, and I am in a similar situation, living in a restricted space building, this creates more problems even at 20 watts, the potential high voltages from a mag loop are dangerous, and manually tuning can make this an even greater hazard. My experience was the mag loop was more trouble than it was worth, and eventually I decided to go with a stealth type long wire, its amazing what you can hide away from neighbours etc when you really want to.

73

Roger

2E0RAC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25002. Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: Unix timestamp -125530928931 [implausible archived timestamp]
From: gardfire5
Topic: 25002 Message: 25002

I was wondering if anyone has every had any problems with the ATAS 120. I set all my stuff up today and when I pressed the tune button it would activate for a second then stop. I called Yaesu but they have not returned my call. Also if anyone has any suggestions for a new set up, I am renting so low profile is the way to go. I usually mount it on my car and just run an extension cord to power my 897. Thanks for the advice.
73
Patrick KB1QVJ

25003. Re: [FT897] Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-17 19:03:51 UTC
From: Carl Wulfestieg
Topic: 25002 Message: 25003

The biggest and most common problem with the ATAS 120 not tuning properly is because of an inadequate ground to the vehicle or whatever device it is mounted on. The ATAS 120 MUST have a GOOD ground, preferably using some type of braid.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

25004. Re: [FT897] Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-17 20:04:28 UTC
From: af2c@njdxa.org
Topic: 25002 Message: 25004

Actually, it may not be tuning because of oxidation on the S0-239 (mount) or the 259 at the base of the antenna. A small amount DeOxit usually make the antenna play again.

I have two vehicles. One uses the older ATAS 100 and the other the ATAS 120. Both developed the same problem and the DeOxit resolved the problem.

73,
Jay/AF2C

At 02:03 PM 2/17/2009 -0500, you wrote:

>The biggest and most common problem with the ATAS 120 not tuning properly
>is because of an inadequate ground to the vehicle or whatever device it is
>mounted on. The ATAS 120 MUST have a GOOD ground, preferably using some
>type of braid.
>73 Carl WZ4CW, SKCC 918, FISTS 13491

25005. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-17 21:29:20 UTC
From: gardfire5
Topic: 25002 Message: 25005

I will try that if I can find it. I hope that the near by radio shack has it. I have been using it for the past month or so and I have not had any problems with it. I do not travel with the ATAS on my vehicle, I use a quadband that is my main antenna running to my 8900. Anyways i will try that and see where it takes me. Thanks again.
Patrick KB1QVJ

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Actually, it may not be tuning because of oxidation on the S0-239 (mount)
> or the 259 at the base of the antenna. A small amount DeOxit usually make
> the antenna play again.
>
> I have two vehicles. One uses the older ATAS 100 and the other the ATAS
> 120. Both developed the same problem and the DeOxit resolved the problem.
>
> 73,
> Jay/AF2C
>
>
>
> At 02:03 PM 2/17/2009 -0500, you wrote:
>
> >The biggest and most common problem with the ATAS 120 not tuning properly
> >is because of an inadequate ground to the vehicle or whatever device it is
> >mounted on. The ATAS 120 MUST have a GOOD ground, preferably using some
> >type of braid.
> >73 Carl WZ4CW, SKCC 918, FISTS 13491
>

25006. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-17 21:32:05 UTC
From: gardfire5
Topic: 25002 Message: 25006

I have been using this antenna without problems for alittle over a month. For whatever reason today it would not tune. I will try some radials on it to see if that would help it out, I just don't know why it has been working with the same setup for the past month and then just all of a sudden it would not work. Thanks for the reply and I will try some form of new ground for it. 73
Patrick
KB1QVJ

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> The biggest and most common problem with the ATAS 120 not tuning properly is because of an inadequate ground to the vehicle or whatever device it is mounted on. The ATAS 120 MUST have a GOOD ground, preferably using some type of braid.
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

25007. Re: [FT897] Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-18 03:16:56 UTC
From: Jim
Topic: 25002 Message: 25007

Go to Home Depot or Lowes or a hardware store. It is used for making
electrical connections so it should be in the electrical department.

gardfire5 wrote:
>
> I will try that if I can find it. I hope that the near by radio
> shack has it. I have been using it for the past month or so and I
> have not had any problems with it. I do not travel with the ATAS on
> my vehicle, I use a quadband that is my main antenna running to my
> 8900. Anyways i will try that and see where it takes me. Thanks
> again.
> Patrick KB1QVJ
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> af2c@... wrote:
> >
> > Actually, it may not be tuning because of oxidation on the S0-239
> (mount)
> > or the 259 at the base of the antenna. A small amount DeOxit
> usually make
> > the antenna play again.
> >
> > I have two vehicles. One uses the older ATAS 100 and the other the
> ATAS
> > 120. Both developed the same problem and the DeOxit resolved the
> problem.
> >
> > 73,
> > Jay/AF2C
> >
> >
> >
> > At 02:03 PM 2/17/2009 -0500, you wrote:
> >
> > >The biggest and most common problem with the ATAS 120 not tuning
> properly
> > >is because of an inadequate ground to the vehicle or whatever
> device it is
> > >mounted on. The ATAS 120 MUST have a GOOD ground, preferably using
> some
> > >type of braid.
> > >73 Carl WZ4CW, SKCC 918, FISTS 13491
> >
>
>

25008. RE: [FT897] Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-18 17:08:37 UTC
From: Ad van Zwetselaar
Topic: 25002 Message: 25008

Did you check your PTT button? The only time when I had a problem like that with the antenne was when the PTT button of the mike (MD100) was pressed on startup.

73,

Ad van Zwetselaar PA2Z

Van: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] Namens gardfire5
Verzonden: dinsdag 17 februari 2009 18:31
Aan: FT897@yahoogroups.com
Onderwerp: [FT897] Problems with ATAS 120

I was wondering if anyone has every had any problems with the ATAS 120. I set all my stuff up today and when I pressed the tune button it would activate for a second then stop. I called Yaesu but they have not returned my call. Also if anyone has any suggestions for a new set up, I am renting so low profile is the way to go. I usually mount it on my car and just run an extension cord to power my 897. Thanks for the advice.
73
Patrick KB1QVJ

[Non-text portions of this message have been removed]

25009. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-18 20:28:07 UTC
From: gardfire5
Topic: 25002 Message: 25009

No it was not pressed. Yaesu finally called me back he was leaning towards improper grounding. I have used the same set up for the past month and it was working fine. I was able to make a QSO to Europe last week so I guess I will try and look at the grounding to see if I can improve it. But as for the PTT it was not pressed.
Thanks 73
Patrick
KB1QVJ

--- In FT897@yahoogroups.com, "Ad van Zwetselaar" <avzwetselaar@...> wrote:
>
> Did you check your PTT button? The only time when I had a problem like that
> with the antenne was when the PTT button of the mike (MD100) was pressed on
> startup.
>
>
>
> 73,
>
>
>
> Ad van Zwetselaar PA2Z
>
>
>
> Van: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] Namens gardfire5
> Verzonden: dinsdag 17 februari 2009 18:31
> Aan: FT897@yahoogroups.com
> Onderwerp: [FT897] Problems with ATAS 120
>
>
>
> I was wondering if anyone has every had any problems with the ATAS
> 120. I set all my stuff up today and when I pressed the tune button it
> would activate for a second then stop. I called Yaesu but they have
> not returned my call. Also if anyone has any suggestions for a new set
> up, I am renting so low profile is the way to go. I usually mount it
> on my car and just run an extension cord to power my 897. Thanks

for
> the advice.
> 73
> Patrick KB1QVJ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25010. Re: [FT897] Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-18 21:43:02 UTC
From: Jim
Topic: 25002 Message: 25010

The ATAS antennas use the ground and the center conductor to supply DC voltage to operate the screwdriver tuning mechanism, in addition to suppling RF to the antenna. That is why the grounding is so important on them. IT might have been good earlier but it might have corroded or loosened up. check it out

Wb8qgt

gardfire5 wrote:
>
> No it was not pressed. Yaesu finally called me back he was leaning
> towards improper grounding. I have used the same set up for the past
> month and it was working fine. I was able to make a QSO to Europe
> last week so I guess I will try and look at the grounding to see if I
> can improve it. But as for the PTT it was not pressed.
> Thanks 73
> Patrick
> KB1QVJ
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Ad van
> Zwetselaar" <avzwetselaar@...>
> wrote:
> >
> > Did you check your PTT button? The only time when I had a problem
> like that
> > with the antenne was when the PTT button of the mike (MD100) was
> pressed on
> > startup.
> >
> >
> >
> > 73,
> >
> >
> >
> > Ad van Zwetselaar PA2Z
> >
> >
> >
> > Van: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] Namens
> gardfire5
> > Verzonden: dinsdag 17 februari 2009 18:31
> > Aan: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Onderwerp: [FT897] Problems with ATAS 120

> >
> >
> >
> > I was wondering if anyone has every had any problems with the ATAS
> > 120. I set all my stuff up today and when I pressed the tune button
> it
> > would activate for a second then stop. I called Yaesu but they have
> > not returned my call. Also if anyone has any suggestions for a new
> set
> > up, I am renting so low profile is the way to go. I usually mount
> it
> > on my car and just run an extension cord to power my 897. Thanks
> for
> > the advice.
> > 73
> > Patrick KB1QVJ
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

25011. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-19 05:00:31 UTC
From: gardfire5
Topic: 25002 Message: 25011

I heard a great saying when it comes to ham radio, $1 worth of
antenna is $10 worth of radio. I was able to pull my car into the
station (Great thing about being a union fire fighter:) I was able to
clean my K400C and realized that the wire leading into my car had the
wires exposed. I will need to replace that part of the antenna mount
luckly I have a second one that I was using for a more "stable"
antenna set up. I just need to find a better way of getting the wire
into my car. That is going to be a fun project for when I get out of
work tomorrow especially with the snow storm that will be hitting
us. Oh well gotta love ham radio in winter time. Thanks for all the
advice and I will let you know how things work out. Hopefully we can
make a contact at some point in time. Thanks once again 73
Patrick J Saucier
KB1QVJ
--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> The ATAS antennas use the ground and the center conductor to supply
DC
> voltage to operate the screwdriver tuning mechanism, in addition to
> suppling RF to the antenna. That is why the grounding is so
important
> on them. IT might have been good earlier but it might have
corroded or
> loosened up. check it out
>
> Wb8qgt
>
> gardfire5 wrote:
> >
> > No it was not pressed. Yaesu finally called me back he was leaning
> > towards improper grounding. I have used the same set up for the
past
> > month and it was working fine. I was able to make a QSO to Europe
> > last week so I guess I will try and look at the grounding to see
if I
> > can improve it. But as for the PTT it was not pressed.
> > Thanks 73
> > Patrick
> > KB1QVJ
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%
40yahoogroups.com>, "Ad van
> > Zwetselaar" <avzwetselaar@>
> > wrote:
> > >

> > > Did you check your PTT button? The only time when I had a
problem
> > like that
> > > with the antenne was when the PTT button of the mike (MD100) was
> > pressed on
> > > startup.
> > >
> > >
> > >
> > > 73,
> > >
> > >
> > >
> > > Ad van Zwetselaar PA2Z
> > >
> > >
> > >
> > > Van: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>]
Namens
> > gardfire5
> > > Verzonden: dinsdag 17 februari 2009 18:31
> > > Aan: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > > Onderwerp: [FT897] Problems with ATAS 120
> > >
> > >
> > >
> > > I was wondering if anyone has every had any problems with the
ATAS
> > > 120. I set all my stuff up today and when I pressed the tune
button
> > it
> > > would activate for a second then stop. I called Yaesu but they
have
> > > not returned my call. Also if anyone has any suggestions for a
new
> > set
> > > up, I am renting so low profile is the way to go. I usually
mount
> > it
> > > on my car and just run an extension cord to power my 897. Thanks
> > for
> > > the advice.
> > > 73
> > > Patrick KB1QVJ
> > >
> > >
> > >
> > >
> > >

> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>

25012. Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 09:05:28 UTC
From: Selva Kumar R
Topic: 25012 Message: 25012

I've been trying to figure out how to setup cross band operation using the feature available on 897, but have been unsuccessful at it so far. I need some help from the forum to set this up.

My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band into the local VHF repeater.

Pls suggest settings on the 897 required for me to get this up and running (Including the VXTR A/B settings I need to use). The info and explanation on the Manual in inadequate and useless !! Alternatively, explaining the theory behind the usage, will also be of great help. I can then go about figuring out the freq & settings.

Local repeater operates on 145.650 (-600kHz Shift).
My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

Tks in advance.

Best 73,
De Selva
VU3RWB, India.

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[Non-text portions of this message have been removed]

25013. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 13:45:49 UTC
From: D F
Topic: 25012 Message: 25013

Going through the manual, I find no reference to crossband operation and, if memory serves, the 897 does not have that capability. You CAN operate in split-freq mode which you can use in different bands between vfoA and B.

Dennis - N8BMB

From: Selva Kumar R <SelvaKumar.R@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 19, 2009 3:05:28 AM
Subject: [FT897] Cross band Operation

I've been trying to figure out how to setup cross band operation using the feature available on 897, but have been unsuccessful at it so far. I need some help from the forum to set this up.

My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band into the local VHF repeater.

Pls suggest settings on the 897 required for me to get this up and running (Including the VXTR A/B settings I need to use). The info and explanation on the Manual in inadequate and useless !! Alternatively, explaining the theory behind the usage, will also be of great help. I can then go about figuring out the freq & settings.

Local repeater operates on 145.650 (-600kHz Shift).
My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

Tks in advance.

Best 73,
De Selva
VU3RWB, India.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25014. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 13:48:13 UTC
From: Larry D. Barr
Topic: 25012 Message: 25014

I know the FT-8800R has cross-band repeat capabilities, but I've not
heard of the FT-897(D) being able to do that.

73,
ldb
K5WLF

Selva Kumar R wrote:
> I've been trying to figure out how to setup cross band operation using
> the feature available on 897, but have been unsuccessful at it so far. I
> need some help from the forum to set this up.
>
> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band
> into the local VHF repeater.
>
> Pls suggest settings on the 897 required for me to get this up and
> running (Including the VXTR A/B settings I need to use). The info and
> explanation on the Manual in inadequate and useless !! Alternatively,
> explaining the theory behind the usage, will also be of great help. I
> can then go about figuring out the freq & settings.
>
> Local repeater operates on 145.650 (-600kHz Shift).
> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)
>
> Tks in advance.
>
> Best 73,
> De Selva
> VU3RWB, India.

25015. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 14:39:36 UTC
From: Robert Mcleod
Topic: 25012 Message: 25015

Hello to all. The 897D (or non D) will operate cross band, not cross band repeat. There is a distinct difference in the two. Cross band ops, you have the mic in your hand and transmit on one freq and receive on the another, but not at the same time. Cross band repeat, you use the rig as a stand alone, transmitting to it. It then retransmits on a different freq simultainously. The FT-8900, 8800 and several other rigs do that. Very nice for ECOMM in remote areas....cliff....wb4dpp

--- On Thu, 2/19/09, Larry D. Barr <k5wlf@...> wrote:
From: Larry D. Barr <k5wlf@...>
Subject: Re: [FT897] Cross band Operation
To: FT897@yahoogroups.com
Date: Thursday, February 19, 2009, 8:48 AM

I know the FT-8800R has cross-band repeat capabilities, but I've not

heard of the FT-897(D) being able to do that.

73,

ldb

K5WLF

Selva Kumar R wrote:

> I've been trying to figure out how to setup cross band operation using

> the feature available on 897, but have been unsuccessful at it so far. I

> need some help from the forum to set this up.

>

> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band

> into the local VHF repeater.

>

> Pls suggest settings on the 897 required for me to get this up and

> running (Including the VXTR A/B settings I need to use). The info and

> explanation on the Manual in inadequate and useless !! Alternatively,

> explaining the theory behind the usage, will also be of great help. I

> can then go about figuring out the freq & settings.

>

> Local repeater operates on 145.650 (-600kHz Shift).

> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

>

> Tks in advance.

>

> Best 73,

> De Selva

> VU3RWB, India.

[Non-text portions of this message have been removed]

25016. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 15:11:25 UTC
From: Ronald West
Topic: 25012 Message: 25016

To Selva Kumar
From Ron West / WB3ILX

Selva,

To my knowledge the FT-897 does not perform the crossband funtion in the manner in which you are thinking. The crossband the FT-897 does is only receiving on one frequency and then transmitting on another using the memories. True crossband to perform what you want would require you purchasing the FT-8800R which is a true crossband VHF/UHF radio. I recommend the FT-8800R as it is easy to program and I use it exactly the way you are intending. I go in on a 440 simplex frequency on the lowest power setting on my VX7R and program the FT-8800R for that simplex frequency and my local repeater frequency. The power settings on the FT-8800R are set for 5 Watts on both the 2m and 440 side to keep the rig from over heating. I use a small dual band antenna 12 ft. above the ground on a pole outside my house in the back yard. This arrangement permits me to use the HT/VX7R on low power and not have to worry about hitting the local repeater. There is a 2 second lag time in the FT-8800R so you key up the mic and wait 2 seconds before talking. This gives the radio time to switch from one mode to the other.

I hope this helps. The FT-897 does not perform crossband operations.

Your friend,
Ron West / WB3ILX

From: Selva Kumar R <SelvaKumar.R@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 19, 2009 4:05:28 AM
Subject: [FT897] Cross band Operation

I've been trying to figure out how to setup cross band operation using the feature available on 897, but have been unsuccessful at it so far. I need some help from the forum to set this up.

My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band into the local VHF repeater.

Pls suggest settings on the 897 required for me to get this up and running (Including the VXTR A/B settings I need to use). The info and explanation on the Manual in inadequate and useless !! Alternatively, explaining the theory behind the usage, will also be of great help. I can then go about figuring out the freq & settings.

Local repeater operates on 145.650 (-600kHz Shift).
My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

Tks in advance.

Best 73,
De Selva
VU3RWB, India.

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[Non-text portions of this message have been removed]

25017. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 15:13:40 UTC
From: Roger J. Buffington
Topic: 25012 Message: 25017

Larry D. Barr wrote:
>
> I know the FT-8800R has cross-band repeat capabilities, but I've not
> heard of the FT-897(D) being able to do that.
>
It cannot.

de Roger W6VZV

25018. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-19 15:44:42 UTC
From: dyarnes1
Topic: 25002 Message: 25018

I was going to reply about grounding, but I felt sure someone else would do it first. The ATAS-120 is pretty finicky about how good your ground system is. Mine isn't great, in that it is only is grounded by my mount (a Diamond K400), but I did make sure that the set-screws go all the way through the paint, and I get good continuity to ground. When I first tried to install it, I didn't do a great job of getting the screws all the way down to the metal, and the antenna balked. Since then though, no problems.

Dave W7AQK

--- In FT897@yahoogroups.com, "gardfire5" <gardfire5@...> wrote:
>
> No it was not pressed. Yaesu finally called me back he was leaning
> towards improper grounding. I have used the same set up for the past
> month and it was working fine. I was able to make a QSO to Europe
> last week so I guess I will try and look at the grounding to see if I
> can improve it. But as for the PTT it was not pressed.
> Thanks 73
> Patrick
> KB1QVJ
>
>
>
> --- In FT897@yahoogroups.com, "Ad van Zwetselaar" <avzwetselaar@>
> wrote:
> >
> > Did you check your PTT button? The only time when I had a problem
> like that
> > with the antenne was when the PTT button of the mike (MD100) was
> pressed on
> > startup.
> >
> >
> >
> > 73,
> >
> >
> >
> > Ad van Zwetselaar PA2Z
> >
> >
> >
> > Van: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] Namens
> gardfire5

> > Verzonden: dinsdag 17 februari 2009 18:31
> > Aan: FT897@yahoogroups.com
> > Onderwerp: [FT897] Problems with ATAS 120
> >
> >
> >
> > I was wondering if anyone has every had any problems with the ATAS
> > 120. I set all my stuff up today and when I pressed the tune button
> it
> > would activate for a second then stop. I called Yaesu but they have
> > not returned my call. Also if anyone has any suggestions for a new
> set
> > up, I am renting so low profile is the way to go. I usually mount
> it
> > on my car and just run an extension cord to power my 897. Thanks
> for
> > the advice.
> > 73
> > Patrick KB1QVJ
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

25019. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-19 19:17:32 UTC
From: Craig
Topic: 25002 Message: 25019

Shhhhhhhhhhhhhhh, already too many people want our job......

73s,
Craig
VP Local 858 IAFF

--- In FT897@yahoogroups.com, "gardfire5" <gardfire5@...> wrote:

> I was able to pull my car into the
> station (Great thing about being a union fire fighter:) I was able
to
> clean my K400C and realized that the wire leading into my car had
the
> wires exposed. I will need to replace that part of the antenna mount

25020. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-19 19:27:45 UTC
From: gardfire5
Topic: 25002 Message: 25020

yeah I know. Im also VP of my local 2303 we'll have to set up a QSO
sometime. 73
Patrick Saucier
KB1QVJ

--- In FT897@yahoogroups.com, "Craig" <kc0kp@...> wrote:
>
> Shhhhhhhhhhhhhhh, already too many people want our job......
>
>
> 73s,
> Craig
> VP Local 858 IAFF
>
>
>
> --- In FT897@yahoogroups.com, "gardfire5" <gardfire5@> wrote:
>
> > I was able to pull my car into the
> > station (Great thing about being a union fire fighter:) I was
able
> to
> > clean my K400C and realized that the wire leading into my car had
> the
> > wires exposed. I will need to replace that part of the antenna
mount
>

25021. Cannot label optional 2.0khz filter

Yahoo group: FT897 (2009)
Date: 2009-02-20 02:02:45 UTC
From: kybarney
Topic: 25021 Message: 25021

Hello,

I just installed an Inrad 300hz CW filter and a 2.0khz SSB filter. The label for the CW filter came up as "300," however, the 2.0khz filter is labeled "2.3." Does anyone know if the 2.3 label can be changed to 2.0?

I found a post where someone said menu 64 works for labeling, but I don't know how to enter a label...

Any help is appreciated.

73-
Kyle N9NJM

25022. Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:20:10 UTC
From: chasfred
Topic: 25022 Message: 25022

I tried to access MENU 31 to turn on the morse code generator. When I rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that there are other skips through out the menu range. Does anybody know what is up with this?

Charles
KE7YUB

25023. Re: [FT897] Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:22:59 UTC
From: Larry D. Barr, K5WLF
Topic: 25022 Message: 25023

Do you have Menu #001 "EXT MENU" turned ON?

chasfred wrote:
> I tried to access MENU 31 to turn on the morse code generator. When I
> rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that
> there are other skips through out the menu range. Does anybody know
> what is up with this?
>
> Charles
> KE7YUB

25024. Re: Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:43:32 UTC
From: chasfred
Topic: 25022 Message: 25024

Larry

Thank you that was the problem. So simple, it appears I need to spend
more time reading my operating manual.

Charles

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>
> Do you have Menu #001 "EXT MENU" turned ON?
>
> chasfred wrote:
> > I tried to access MENU 31 to turn on the morse code generator. When I
> > rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that
> > there are other skips through out the menu range. Does anybody know
> > what is up with this?
> >
> > Charles
> > KE7YUB
>

25025. RE: [FT897] Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:50:07 UTC
From: Selva Kumar R
Topic: 25022 Message: 25025

Larry,

You have to enable the Full Menu Listing (Menu # 1 EXT MENU, set to
'ON', default will be 'OFF'). This will enable the remaining menu's

73,
de Selva
VU3RWB, India.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Larry D. Barr, K5WLF
Sent: Friday, 20 February, 2009 08:53
To: FT897@yahoogroups.com
Subject: Re: [FT897] Menu Access

Do you have Menu #001 "EXT MENU" turned ON?

chasfred wrote:
> I tried to access MENU 31 to turn on the morse code generator. When I
> rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that
> there are other skips through out the menu range. Does anybody know
> what is up with this?
>
> Charles
> KE7YUB

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25026. RE: [FT897] Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:51:15 UTC
From: Selva Kumar R
Topic: 25022 Message: 25026

Charles,

You have to enable the Full Menu Listing (Menu # 1 EXT MENU, set to
'ON', default will be 'OFF'). This will enable the remaining menu's

73,
de Selva
VU3RWB, India.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Larry D. Barr, K5WLF
Sent: Friday, 20 February, 2009 08:53
To: FT897@yahoogroups.com
Subject: Re: [FT897] Menu Access

Do you have Menu #001 "EXT MENU" turned ON?

chasfred wrote:
> I tried to access MENU 31 to turn on the morse code generator. When I
> rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that
> there are other skips through out the menu range. Does anybody know
> what is up with this?
>
> Charles
> KE7YUB

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25027. Recall: [FT897] Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:51:11 UTC
From: Selva Kumar R
Topic: 25027 Message: 25027

Selva Kumar R would like to recall the message, "[FT897] Menu Access".

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[Non-text portions of this message have been removed]

25028. Re: [FT897] Re: Menu Access

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:51:06 UTC
From: Larry D. Barr, K5WLF
Topic: 25022 Message: 25028

Glad to help, Charles. Things have gotten a bit more complex now that
our radios are pretty much "computers with a incidental RF stage or two
attached" ;-)

73,
ldb
K5WLF

chasfred wrote:
> Larry
>
> Thank you that was the problem. So simple, it appears I need to spend
> more time reading my operating manual.
>
> Charles
>
> --- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>> Do you have Menu #001 "EXT MENU" turned ON?
>>
>> chasfred wrote:
>>> I tried to access MENU 31 to turn on the morse code generator. When I
>>> rotate the MEM/VFO knob it slips from menu 30 to 33. I noticed that
>>> there are other skips through out the menu range. Does anybody know
>>> what is up with this?
>

25029. RE: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 03:54:37 UTC
From: Selva Kumar R
Topic: 25012 Message: 25029

Cliff et al,

Now I know that the 897D doesn't have the repeat operation that I was looking for :(

From the explanations, I gather that Cross Band Ops and Split mode operations is one and the same.....or Am I missing something here !!

73,
Selva
VU3RWB.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Robert Mcleod
Sent: Thursday, 19 February, 2009 20:10
To: FT897@yahoogroups.com
Subject: Re: [FT897] Cross band Operation

Hello to all. The 897D (or non D) will operate cross band, not cross band repeat. There is a distinct difference in the two. Cross band ops, you have the mic in your hand and transmit on one freq and receive on the another, but not at the same time. Cross band repeat, you use the rig as a stand alone, transmitting to it. It then retransmits on a different freq simultainously. The FT-8900, 8800 and several other rigs do that. Very nice for ECOMM in remote areas....cliff....wb4dpp

--- On Thu, 2/19/09, Larry D. Barr <k5wlf@...
<mailto:k5wlf%40rebelwolf.com> > wrote:
From: Larry D. Barr <k5wlf@... <mailto:k5wlf%40rebelwolf.com>
>
Subject: Re: [FT897] Cross band Operation
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Date: Thursday, February 19, 2009, 8:48 AM

I know the FT-8800R has cross-band repeat capabilities, but I've not

heard of the FT-897(D) being able to do that.

73,

ldb

K5WLF

Selva Kumar R wrote:

> I've been trying to figure out how to setup cross band operation using

> the feature available on 897, but have been unsuccessful at it so far.
I

> need some help from the forum to set this up.

>

> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band

> into the local VHF repeater.

>

> Pls suggest settings on the 897 required for me to get this up and

> running (Including the VXTR A/B settings I need to use). The info and

> explanation on the Manual in inadequate and useless !! Alternatively,

> explaining the theory behind the usage, will also be of great help. I

> can then go about figuring out the freq & settings.

>

> Local repeater operates on 145.650 (-600kHz Shift).

> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

>

> Tks in advance.

>

> Best 73,

> De Selva

> VU3RWB, India.

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[Non-text portions of this message have been removed]

25030. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 04:17:25 UTC
From: D F
Topic: 25012 Message: 25030

NO, crossband "REPEAT" and SPLIT OPS are 2 different animals.

With "CROSS-BAND REPEAT" you are essentially using the radio as a repeater. You would essentially be using an HT on, say 446.00 simplex into the "Mobile" or "Crossbanding radio" and that radio receives yor 446.00 transmission and re-transmits that signal out on a 2 meter frequency or vice/versa.

"Split Ops" is the radio you are using (the radio you actually have the mic for in your hand) and you listen on one frequency, say 18.160MHz, and when you key the mic, you transmit on say 18.175MHz. You can also listen on say 14.285 and transmit on 28.400 if you set the "split" that way, but, it is NOT cross-band repeating.

Does that make sense? I am kind of starting to confuse myself, too!!! LOL

From: Selva Kumar R <SelvaKumar.R@...>
To: FT897@yahoogroups.com
Sent: Thursday, February 19, 2009 9:54:37 PM
Subject: RE: [FT897] Cross band Operation

Cliff et al,

Now I know that the 897D doesn't have the repeat operation that I was looking for :(

From the explanations, I gather that Cross Band Ops and Split mode operations is one and the same.....or Am I missing something here !!

73,
Selva
VU3RWB.

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Robert Mcleod
Sent: Thursday, 19 February, 2009 20:10
To: FT897@yahoogroups. com
Subject: Re: [FT897] Cross band Operation

Hello to all. The 897D (or non D) will operate cross band, not cross band repeat. There is a distinct difference in the two. Cross band ops, you have the mic in your hand and transmit on one freq and receive on the another, but not at the same time. Cross band repeat, you use the rig as a stand alone, transmitting to it. It then retransmits on a different freq simultainously. The FT-8900, 8800 and several other rigs do that. Very nice for ECOMM in remote areas....cliff. wb4dpp

--- On Thu, 2/19/09, Larry D. Barr <k5wlf@rebelwolf. com
<mailto:k5wlf% 40rebelwolf. com> > wrote:
From: Larry D. Barr <k5wlf@rebelwolf. com <mailto:k5wlf% 40rebelwolf. com>
>
Subject: Re: [FT897] Cross band Operation
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Date: Thursday, February 19, 2009, 8:48 AM

I know the FT-8800R has cross-band repeat capabilities, but I've not

heard of the FT-897(D) being able to do that.

73,

ldb

K5WLF

Selva Kumar R wrote:

> I've been trying to figure out how to setup cross band operation using

> the feature available on 897, but have been unsuccessful at it so far.
I

> need some help from the forum to set this up.

>

> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band

> into the local VHF repeater.

>

> Pls suggest settings on the 897 required for me to get this up and

> running (Including the VXTR A/B settings I need to use). The info and

> explanation on the Manual in inadequate and useless !! Alternatively,

> explaining the theory behind the usage, will also be of great help. I

> can then go about figuring out the freq & settings.

>

> Local repeater operates on 145.650 (-600kHz Shift).

> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

>

> Tks in advance.

>

> Best 73,

> De Selva

> VU3RWB, India.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25031. RE: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-19 14:17:22 UTC
From: Jim Johnson
Topic: 25012 Message: 25031

The 8900 VHF/UHF also has this capability. I cannot find anywhere in the 897 manual where this is discussed.

73,

Jdj

KA4JDJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Larry D. Barr
Sent: Thursday, February 19, 2009 7:48 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Cross band Operation

I know the FT-8800R has cross-band repeat capabilities, but I've not heard of the FT-897(D) being able to do that.

73,
ldb
K5WLF

Selva Kumar R wrote:
> I've been trying to figure out how to setup cross band operation using
> the feature available on 897, but have been unsuccessful at it so far. I
> need some help from the forum to set this up.
>
> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band
> into the local VHF repeater.
>
> Pls suggest settings on the 897 required for me to get this up and
> running (Including the VXTR A/B settings I need to use). The info and
> explanation on the Manual in inadequate and useless !! Alternatively,
> explaining the theory behind the usage, will also be of great help. I
> can then go about figuring out the freq & settings.
>
> Local repeater operates on 145.650 (-600kHz Shift).
> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)
>
> Tks in advance.
>
> Best 73,
> De Selva
> VU3RWB, India.

[Non-text portions of this message have been removed]

25032. ft-897 and turbo tuner

Yahoo group: FT897 (2009)
Date: 2009-02-18 03:50:36 UTC
From: wilrose@bellsouth.net
Topic: 25032 Message: 25032

new turbo tuner,menu setting .item 20 and item 85 set to tuner.tuner
totally dead no audio feed back. need help. thanks

25033. FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-17 19:54:32 UTC
From: ab9ta
Topic: 25033 Message: 25033

Since I've finally gotten relicensed, I've been looking at different radios, mainly the IC-706 and FT-897.

One thing I've been wondering about is if the case for the FP-30 is available as a part from Yaesu.
It occurs to me that with the extra room available by adding an empty FP-30 case, one could have room for an internal battery, AC power supply and a small tuner in one integrated case for the 897.

Also, does anyone know if when the internal battery is installed and an external DC supply is connected to the radio, will the internal battery receive a charge, or are the batteries isolated?

Thanks,
Bill
AB9TA

25034. New member intro

Yahoo group: FT897 (2009)
Date: 2009-02-19 12:18:13 UTC
From: Thomas Meggison
Topic: 25034 Message: 25034

Good morning all, I as a new ham, about a month now (passed the Tech. and General in one sitting), want to introduce myself. I live in Rochester, NY and have for a couple of dozen years now. Two years ago I retired from the FAA and have finally had the time and resources to become a ham. I would have been one earlier but the code has always been a stumbling block for me. However, now that the pressure is off me, I find that I am progressing fairly well in teaching myself the code. I hope to learn from you all and hopefully I can contribute also. Take care all.
Tom

73 de--Tom--KC2ULD
Rochester, NY

25035. TX ERROR

Yahoo group: FT897 (2009)
Date: 2009-02-18 15:01:36 UTC
From: richardehead@ymail.com
Topic: 22093 Message: 25035

HI, all. I just bought a new 857D and cabled it up to an 80m dipole and an LDK AT100-Pro tuner. I used it to good effect on 10m last night, talking to my Elmer. When he suggested we switch to the 60m, channelized band, I could hear him but he couldn't hear me. When I keyed the mic I got "TX ERROR" in the display. Any ideas? I haven't had time to go completely through the manual but my Elmer has the 857D (same machine, different case) and he'd never seen that error.

Thanks.

Richard
KD0GDV

25036. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-17 18:11:17 UTC
From: finley003
Topic: 25002 Message: 25036

Patrick most problems in the past with the ATAS 120 antenna are related to not having a good ground at the base of the ant mount. All of my problems have been that. It is hard to get a good ground. The radio passes DC to the antenna motor via the coax, and good ground is absolutely necessary. So look there first. Some times the system requires the antenna to go to the full down position. I have found that some times I have to ask it to tune while on 6M then 10M etc to get it to tune to one of the lower HF bands. I hope some of this is of help.

Enjoy,
Bill / K5IXF

--- In FT897@yahoogroups.com, "gardfire5" <gardfire5@...> wrote:
>
> I was wondering if anyone has every had any problems with the ATAS
> 120. I set all my stuff up today and when I pressed the tune button
it
> would activate for a second then stop. I called Yaesu but they have
> not returned my call. Also if anyone has any suggestions for a new
set
> up, I am renting so low profile is the way to go. I usually mount
it
> on my car and just run an extension cord to power my 897. Thanks
for
> the advice.
> 73
> Patrick KB1QVJ
>

25037. MD-100 A8x Mic

Yahoo group: FT897 (2009)
Date: 2009-02-20 05:10:07 UTC
From: kd8jnh
Topic: 25037 Message: 25037

I am thinking of getting the MD100 mic for my 897/D . How ever I am wanting to mount it onto a boom i have made up from a work lamp arm .

Can the MD100 be set up on a foot switch with out having the base attached to it>? Also does any one know how well the mic works on the 897 to begin with ?

Thanks and 73's

Jerry

25039. Re: FT-897 second menu - also known as hidden menu

Yahoo group: FT897 (2009)
Date: 2009-02-16 10:20:18 UTC
From: ron story
Topic: 24990 Message: 25039

i had an 897 that would not goto the hidden menus using the normal procedure, i had to use the up and down keys on the mic while powering on to gain access to the hidden menus...strange...ron ne0x

[Non-text portions of this message have been removed]

25040. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: Unix timestamp -125530763715 [implausible archived timestamp]
From: 161rc021 Art
Topic: 25012 Message: 25040

Hello at all :)
i use on my FT-8800 R Cross Band, but in 897 D is only Split possible.
rgds
Artur
SQ 9 MLL
Dnia 19 lutego 2009 16:13 "Roger J. Buffington" <barrister54@...> napisał(a):
Larry D. Barr wrote:
>
> I know the FT-8800R has cross-band repeat capabilities, but I've not
> heard of the FT-897(D) being able to do that.
>
It cannot.
de Roger W6VZV
--
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

25041. Re: [FT897] FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-20 05:45:34 UTC
From: Jim
Topic: 25033 Message: 25041

the 706 is a nice rig. Being able to separate the face from the unit is
a big advantage for mobile operation.

Yes the fp-30 is yaesu.

Can't getthe battery and the power supply in at the same time

ab9ta wrote:
>
> Since I've finally gotten relicensed, I've been looking at different
> radios, mainly the IC-706 and FT-897.
>
> One thing I've been wondering about is if the case for the FP-30 is
> available as a part from Yaesu.
> It occurs to me that with the extra room available by adding an empty
> FP-30 case, one could have room for an internal battery, AC power
> supply and a small tuner in one integrated case for the 897.
>
> Also, does anyone know if when the internal battery is installed and an
> external DC supply is connected to the radio, will the internal battery
> receive a charge, or are the batteries isolated?
>
> Thanks,
> Bill
> AB9TA
>
>

25042. Re: [FT897] TX ERROR

Yahoo group: FT897 (2009)
Date: Unix timestamp -125530711543 [implausible archived timestamp]
From: D F
Topic: 22093 Message: 25042

I hope that is NOT your real name, but anyways,

You say you have the 857 (NOT the 897?). If so, this is easy. If you are in VFO mode, you CANNOT tx on 60m band because you can "tune" around different frequencies. However, if you are in MEMORY mode, as with mine, you will find the first 5 pre-programmed frequencies are the 60m "channels" that you can transmit on.

I have yet to figure exactly WHY Yaesu did it this way, but you should be able to get on 60m from memory mode.

However, IMO, 60m is a waste of time because of the restrictions. Those, again IMO, take the "fun" out of using that band, BUT, since the Alaska Emergency Frequency is there too, and because there are way too many MORONS on the HF bands, I can understand why the FCC limits your ability to use that band.

Hope this helps!

Dennis - N8BMB

From: "richardehead@..." <richardehead@ymail.com>
To: FT897@yahoogroups.com
Sent: Wednesday, February 18, 2009 9:01:36 AM
Subject: [FT897] TX ERROR

HI, all. I just bought a new 857D and cabled it up to an 80m dipole and an LDK AT100-Pro tuner. I used it to good effect on 10m last night, talking to my Elmer. When he suggested we switch to the 60m, channelized band, I could hear him but he couldn't hear me. When I keyed the mic I got "TX ERROR" in the display. Any ideas? I haven't had time to go completely through the manual but my Elmer has the 857D (same machine, different case) and he'd never seen that error.

Thanks.

Richard
KD0GDV

[Non-text portions of this message have been removed]

25050. RE: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 10:54:16 UTC
From: Selva Kumar R
Topic: 25012 Message: 25050

Sorry folks....Cross band Ops and Split Ops seem the same to me, going by the explanations from Cliff and D F below !!!

Pls elaborate....

Best 73,
VU3RWB

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D F
Sent: Friday, 20 February, 2009 09:47
To: FT897@yahoogroups.com
Subject: Re: [FT897] Cross band Operation

NO, crossband "REPEAT" and SPLIT OPS are 2 different animals.

With "CROSS-BAND REPEAT" you are essentially using the radio as a repeater. You would essentially be using an HT on, say 446.00 simplex into the "Mobile" or "Crossbanding radio" and that radio receives yor 446.00 transmission and re-transmits that signal out on a 2 meter frequency or vice/versa.

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Does that make sense? I am kind of starting to confuse myself, too!!! LOL

From: Selva Kumar R <SelvaKumar.R@...
<mailto:SelvaKumar.R%40cwgoindia.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Thursday, February 19, 2009 9:54:37 PM
Subject: RE: [FT897] Cross band Operation

Cliff et al,

Now I know that the 897D doesn't have the repeat operation that I was looking for :(

From the explanations, I gather that Cross Band Ops and Split mode operations is one and the same.....or Am I missing something here !!

73,
Selva
VU3RWB.

---------- --------- --------- --

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf
Of
Robert Mcleod
Sent: Thursday, 19 February, 2009 20:10
To: FT897@yahoogroups. com
Subject: Re: [FT897] Cross band Operation

Hello to all. The 897D (or non D) will operate cross band, not cross band repeat. There is a distinct difference in the two. Cross band ops, you have the mic in your hand and transmit on one freq and receive on the another, but not at the same time. Cross band repeat, you use the rig as a stand alone, transmitting to it. It then retransmits on a different freq simultainously. The FT-8900, 8800 and several other rigs do that. Very nice for ECOMM in remote areas....cliff. wb4dpp

--- On Thu, 2/19/09, Larry D. Barr <k5wlf@rebelwolf. com <mailto:k5wlf% 40rebelwolf. com> > wrote:
From: Larry D. Barr <k5wlf@rebelwolf. com <mailto:k5wlf% 40rebelwolf. com>
>
Subject: Re: [FT897] Cross band Operation
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Date: Thursday, February 19, 2009, 8:48 AM

I know the FT-8800R has cross-band repeat capabilities, but I've not

heard of the FT-897(D) being able to do that.

73,

ldb

K5WLF

Selva Kumar R wrote:

> I've been trying to figure out how to setup cross band operation using

> the feature available on 897, but have been unsuccessful at it so far.
I

> need some help from the forum to set this up.

>

> My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band

> into the local VHF repeater.

>

> Pls suggest settings on the 897 required for me to get this up and

> running (Including the VXTR A/B settings I need to use). The info and

> explanation on the Manual in inadequate and useless !! Alternatively,

> explaining the theory behind the usage, will also be of great help. I

> can then go about figuring out the freq & settings.

>

> Local repeater operates on 145.650 (-600kHz Shift).

> My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)

>

> Tks in advance.

>

> Best 73,

> De Selva

> VU3RWB, India.

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[Non-text portions of this message have been removed]

25051. Re: FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-20 12:06:24 UTC
From: Gavin Nesbitt
Topic: 25033 Message: 25051

Hi Bill,

Yaesu, in the UK at least, have a really good parts department and in the past I have been able to buy anything from them, they even offered my friend free replacments for lost volume knobs if he sent them an SAE! Hopefully they are the same in the US and if so I'm sure you can get the case from them, if not it wouldn't be hard to make something up yourself or fins a ready made one of the right size in RS.

As for fitting everything inot it I would be surprised if you could. The FC-30 isn't as big as you might think. By the time you put in all the relays, caps and inductors for a 100w ATU there will be little space for a PSU, even a switched mode version. Now if you were to run it from batteries thus limiting it at 20w you may get the ATU in plus some batteries (but not alot of capacity) or a small PSU but not all 3!

The internal batteries are charges seperate from the external 12v supply, and the charge ain't cheap!

Gavin, M1BXF

--- In FT897@yahoogroups.com, "ab9ta" <billspringer99@...> wrote:
>
> Since I've finally gotten relicensed, I've been looking at
different
> radios, mainly the IC-706 and FT-897.
>
> One thing I've been wondering about is if the case for the FP-30 is
> available as a part from Yaesu.
> It occurs to me that with the extra room available by adding an
empty
> FP-30 case, one could have room for an internal battery, AC power
> supply and a small tuner in one integrated case for the 897.
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> Also, does anyone know if when the internal battery is installed
and an
> external DC supply is connected to the radio, will the internal
battery
> receive a charge, or are the batteries isolated?
>
> Thanks,
> Bill
> AB9TA
>

25053. Re: New member intro

Yahoo group: FT897 (2009)
Date: 2009-02-20 13:05:10 UTC
From: Tom
Topic: 25034 Message: 25053

Good morning Tom and welcome to the group from another Tom here in
Grand Rapids, Michigan!
Like yourself I am also studying the code-now that the requirement has
been dropped-and I too seem to be progressing nicely!
Congratulations on passing your exam(s) and, once again a warm welcome
to the group!
PS: I have relatives who live in Geneva N.Y. Not too far from Rochester!
Tom KC8TBY < Grand Rapids

--- In FT897@yahoogroups.com, Thomas Meggison <meggi@...> wrote:
>
> Good morning all, I as a new ham, about a month now (passed the Tech.
> and General in one sitting), want to introduce myself. I live in
> Rochester, NY and have for a couple of dozen years now. Two years ago
> I retired from the FAA and have finally had the time and resources to
> become a ham. I would have been one earlier but the code has always
> been a stumbling block for me. However, now that the pressure is off
> me, I find that I am progressing fairly well in teaching myself the
> code. I hope to learn from you all and hopefully I can contribute also.
> Take care all.
> Tom
>
>
> 73 de--Tom--KC2ULD
> Rochester, NY
>

25055. Re: [FT897] Re: New member intro

Yahoo group: FT897 (2009)
Date: 2009-02-20 13:09:58 UTC
From: Jim
Topic: 25034 Message: 25055

By listening to W1AW, I have been able to copy 13 wpm, and most of 15 wpm. My problem right now is when the signal fades or I don't recognize a characters I stop to think about it and miss the next three.

Tom wrote:
>
> Good morning Tom and welcome to the group from another Tom here in
> Grand Rapids, Michigan!
> Like yourself I am also studying the code-now that the requirement has
> been dropped-and I too seem to be progressing nicely!
> Congratulations on passing your exam(s) and, once again a warm welcome
> to the group!
> PS: I have relatives who live in Geneva N.Y. Not too far from Rochester!
> Tom KC8TBY < Grand Rapids
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Thomas
> Meggison <meggi@...> wrote:
> >
> > Good morning all, I as a new ham, about a month now (passed the Tech.
> > and General in one sitting), want to introduce myself. I live in
> > Rochester, NY and have for a couple of dozen years now. Two years ago
> > I retired from the FAA and have finally had the time and resources to
> > become a ham. I would have been one earlier but the code has always
> > been a stumbling block for me. However, now that the pressure is off
> > me, I find that I am progressing fairly well in teaching myself the
> > code. I hope to learn from you all and hopefully I can contribute also.
> > Take care all.
> > Tom
> >
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> >
>
>

25056. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 13:20:10 UTC
From: Carl Wulfestieg
Topic: 25012 Message: 25056

Crossband Operation:
The "Crossband" capability must be built into the transceiver, such as the Icom IC-2710, which I have. For "Crossband" operation, you turn the "Crossband" feature "on". Now, when the transceiver receives a signal on one band, such as 2 Meter, it simultaneously transmits that same signal on the other band, such as 70 Centimeter. Obviously, when it receives a signal on the 70 Centimeter band, it simultaneously transmits that same signal on the 2 Meter band. While the "Crossband" feature is turned "on", the transceiver will not operate in its "normal" manner. To return to "normal" operation, the "Crossband" feature must be turned "off".

Split Band Operation:
Here, the transceiver is in "normal" operation. You manually transmit on one band at some frequency. Then, in most cases, you manually listen on the same band, but at a different frequency. The transceiver does not simultaneously transmit signals it receives.
"Split Band" operation began many years ago when separate transmitters (usually ham built) and receivers (many times purchased) were used. Transceivers had not been developed. At that time, before VFOs were available or built-in, transmitters were crystal controlled (you transmitted on a frequency determined by the crystal and could not change the frequency unless you physically changed the crystal).
Because of crystal control, you could not "zero beat" your transmitter to the frequency of the received signal. This meant that, after you transmitted, you had to "tune around" with your receiver, listening for a reply to your transmission. Once you found the signal, the QSO could continue without further re-tuning, except for drift, if any.

While, from a simple explanation, "Crossband" operation and "Split Band" operation may appear to be the same thing, they are not. Hope this helps to explain it.

73 Carl WZ4CW, SKCC 918, FISTS 13491

P.S. CW enthusiasts check out Straight Key Century Club (SKCC) http://skccgroup.com

[Non-text portions of this message have been removed]

25057. Re: [FT897] Re: New member intro

Yahoo group: FT897 (2009)
Date: 2009-02-20 13:37:28 UTC
From: Carl Wulfestieg
Topic: 25034 Message: 25057

That's what happens in a "real" QSO also- LOL
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25058. Re: [FT897] Re: New member intro.learning code

Yahoo group: FT897 (2009)
Date: 2009-02-20 13:58:15 UTC
From: P Grant
Topic: 25058 Message: 25058

We have a current run of the "Inspector Morse" detective series
running on a local TV channnel...
The ID music for the series is a nice piece of music
which is all sent as MORSE... it is a well known composition, but I cannot
remember the composer.....
Another useless fact :- Samule Morse, when he was inventing the code, it was for use as
telegraph,,,, with wires, before speech was implemented,,, he had a few versions,,, one
letter took a while to work out, and he dedicated it to his esteemed composer friend
"Beethoven, "
The letter in question was the equivelant of the roman numeral "5" represented by the
simbol
"V", ..._ from Beethovens 5th simphony ..._
This is the rhumour, true or not...
Keep working at the code,,, you'll be glad you did.
de Peter EI4HX _._
<ei4hxperimental~eircom.net>
~~~~ o
----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Friday, February 20, 2009 1:09 PM
Subject: Re: [FT897] Re: New member intro

By listening to W1AW, I have been able to copy 13 wpm, and most of 15
wpm. My problem right now is when the signal fades or I don't recognize
a characters I stop to think about it and miss the next three.

Tom wrote:
>
> Good morning Tom and welcome to the group from another Tom here in
> Grand Rapids, Michigan!
> Like yourself I am also studying the code-now that the requirement has
> been dropped-and I too seem to be progressing nicely!
> Congratulations on passing your exam(s) and, once again a warm welcome
> to the group!
> PS: I have relatives who live in Geneva N.Y. Not too far from Rochester!
> Tom KC8TBY < Grand Rapids
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Thomas
> Meggison <meggi@...> wrote:
> >
> > Good morning all, I as a new ham, about a month now (passed the Tech.
> > and General in one sitting), want to introduce myself. I live in
> > Rochester, NY and have for a couple of dozen years now. Two years ago
> > I retired from the FAA and have finally had the time and resources to
~~~~

> > become a ham. I would have been one earlier but the code has always
> > been a stumbling block for me. However, now that the pressure is off
> > me, I find that I am progressing fairly well in teaching myself the
> > code. I hope to learn from you all and hopefully I can contribute also.
> > Take care all.
> > Tom
> >
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> >
>
>

[Non-text portions of this message have been removed]

25059. RE: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 14:02:34 UTC
From: af2c@njdxa.org
Topic: 25012 Message: 25059

Selva -

As I know it, "Split" and "Cross Band" have two different meanings.

"Split" is a term usually used when transmitting on one frequency and receiving on a different frequency, but on the same band. An example would be if you transmit on 14.190 MHz and receive on 14.200 MHz.

"Cross Band" a term used when transmitting one band and receiving on another band. This is a common practice when working satellites where the "uplink" frequency would be on one band, while the "downlink" frequency would be on another band...Hence the term "cross band."

73,
Jay/AF2C

At 09:24 AM 2/20/2009 +0530, you wrote:

>Cliff et al,
>
>Now I know that the 897D doesn't have the repeat operation that I was
>looking for :(
>
> From the explanations, I gather that Cross Band Ops and Split mode
>operations is one and the same.....or Am I missing something here !!
>
>73,
>Selva
>VU3RWB.
>
>
>
>_____
>
>From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>[mailto:FT897@yahoogroups.com] On Behalf Of
>Robert Mcleod
>Sent: Thursday, 19 February, 2009 20:10
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Subject: Re: [FT897] Cross band Operation
>
>Hello to all. The 897D (or non D) will operate cross band, not cross
>band repeat. There is a distinct difference in the two. Cross band ops,
>you have the mic in your hand and transmit on one freq and receive on
>the another, but not at the same time. Cross band repeat, you use the
>rig as a stand alone, transmitting to it. It then retransmits on a

>different freq simultainously. The FT-8900, 8800 and several other rigs
>do that. Very nice for ECOMM in remote areas....cliff....wb4dpp
>
>--- On Thu, 2/19/09, Larry D. Barr
><<mailto:k5wlf%40rebelwolf.com>k5wlf@...
><mailto:k5wlf%40rebelwolf.com> > wrote:
>From: Larry D. Barr <<mailto:k5wlf%40rebelwolf.com>k5wlf@...
><mailto:k5wlf%40rebelwolf.com>
> >
>Subject: Re: [FT897] Cross band Operation
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
><mailto:FT897%40yahoogroups.com>
>Date: Thursday, February 19, 2009, 8:48 AM
>
>I know the FT-8800R has cross-band repeat capabilities, but I've not
>
>heard of the FT-897(D) being able to do that.
>
>73,
>
>ldb
>
>K5WLF
>
>Selva Kumar R wrote:
>
> > I've been trying to figure out how to setup cross band operation using
>
> > the feature available on 897, but have been unsuccessful at it so far.
>I
>
> > need some help from the forum to set this up.
>
> >
>
> > My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band
>
> > into the local VHF repeater.
>
> >
>
> > Pls suggest settings on the 897 required for me to get this up and
>
> > running (Including the VXTR A/B settings I need to use). The info and
>
> > explanation on the Manual in inadequate and useless !! Alternatively,
>
> > explaining the theory behind the usage, will also be of great help. I
>
> > can then go about figuring out the freq & settings.

>
> >
>
> > Local repeater operates on 145.650 (-600kHz Shift).
>
> > My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)
>
> >
>
> > Tks in advance.
>
> >
>
> > Best 73,
>
> > De Selva
>
> > VU3RWB, India.

[Non-text portions of this message have been removed]

25061. Re: FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-20 14:42:09 UTC
From: George
Topic: 25033 Message: 25061

Not sure if the case part is available, but if you are looking for extra space you might want to consider making either a collar this extends the case down and gives you the extra room with the Fp30 below that, or making a 5 sided box to fit the bottom for the room. The FP-30 is not a flat extension and is actually taller on the front half than the back.

As far as the batteries they are in no way connected to the rear external 13.8v input. You need the special charger for them because the input needed to charge the battery packs is several volts above that.

George Madline
kc0woa

--- In FT897@yahoogroups.com, "ab9ta" <billspringer99@...> wrote:
>
> Since I've finally gotten relicensed, I've been looking at different
> radios, mainly the IC-706 and FT-897.
>
> One thing I've been wondering about is if the case for the FP-30 is
> available as a part from Yaesu.
> It occurs to me that with the extra room available by adding an empty
> FP-30 case, one could have room for an internal battery, AC power
> supply and a small tuner in one integrated case for the 897.
>
> Also, does anyone know if when the internal battery is installed and an
> external DC supply is connected to the radio, will the internal battery
> receive a charge, or are the batteries isolated?
>
> Thanks,
> Bill
> AB9TA
>

25062. Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 15:09:42 UTC
From: John Rabold
Topic: 25012 Message: 25062

--- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...> wrote:

>> Sorry folks....Cross band Ops and Split Ops seem the same to me, going by the explanations from Cliff and D F below !!! Pls elaborate.... <<

Maybe it will be easier to digest if it first becomes more complicated? Let's use three different terms, not just two: "split operations", "cross-band split operations", and "cross-band repeater". Don't use the term "cross-band" unless it is also clear whether you mean "cross-band SPLIT" or "cross-band REPEATER".

In "split operations", you the operator are using the radio with the microphone in your hand to talk to another person. But you are transmitting on frequency A and listening on frequency B. The other person is doing the reverse, transmitting on frequency B and listening on frequency A. This happens a lot in HF DX, especially in DXpeditions, in which the DX station will announce that she is "listening up 15", for example. So if you hear the DX on 14.180, you would transmit on 14.195 in order to be heard.

"Cross-band split operations" are a special case of split operations in which frequency A and frequency B are on different bands.

The FT-897 will do BOTH of the above operations.

But a "cross-band repeater" is a different animal altogether. In this setup, the transceiver to be used to "cross-band" in this way is set up in a good antenna position and configured to listen on a frequency on one band, in the US usually on the 70cm (440) band, and to simultaneously re-transmit what it hears on a second frequency on a different band, usually on the 2m band. This radio can have its microphone removed, because no one will be talking into it ... but a transceiver being used as a cross-band repeater often gets HOT due to the high duty cycle so it may not be wise to leave it unattended. To use this equipment, you must have a transceiver (usually handheld) that transmits and receives on different bands -- in effect, your transceiver must be able to do cross-band split operations in order to make use of a cross-band repeater.

The FT-897 CANNOT be configured to serve as a cross-band repeater. It can, however, be configured to make use of a cross-band repeater, by setting it up for cross-band split operations.

John KS6M

25063. Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 15:36:03 UTC
From: George
Topic: 25012 Message: 25063

Though in practice what you say is usually true it is quite possible to operate in split mode across different bands, it is just not normally done. The real key here is to watch exactly what is said are you talking "Cross Band" or "Cross Band Repeat". The latter is a special feature of some radios (not the 897) that allows the radio to recieve on one frequency and retransmit that received signal on a different band. The Former ("Cross Band") really doesnt have a full meaning other that not on the same band.

To really muck it up you can have Split, Cross Band Split, Cross Band Repeat, or Repeater. The first two are the same with only the fact that you are using two different bands for RX/TX, the last two are the same with the exception of whether you are retransmitting on the different bands, or thesame band as recieved. The first pair you control the transmission (i.e. pressing the PTT button), the second set is automatic in radio once activated in that mode.

George Madline
kc0woa

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Selva -
>
> As I know it, "Split" and "Cross Band" have two different meanings.
>
> "Split" is a term usually used when transmitting on one frequency
and
> receiving on a different frequency, but on the same band. An
example would
> be if you transmit on 14.190 MHz and receive on 14.200 MHz.
>
> "Cross Band" a term used when transmitting one band and receiving
on
> another band. This is a common practice when working satellites
where the
> "uplink" frequency would be on one band, while the "downlink"
frequency
> would be on another band...Hence the term "cross band."
>
>
> 73,
> Jay/AF2C
>
>
>

25064. Re: [FT897] Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 15:39:24 UTC
From: Jim
Topic: 25012 Message: 25064

That is the meaning I get from it too.

af2c@... wrote:
>
> Selva -
>
> As I know it, "Split" and "Cross Band" have two different meanings.
>
> "Split" is a term usually used when transmitting on one frequency and
> receiving on a different frequency, but on the same band. An example
> would
> be if you transmit on 14.190 MHz and receive on 14.200 MHz.
>
> "Cross Band" a term used when transmitting one band and receiving on
> another band. This is a common practice when working satellites where the
> "uplink" frequency would be on one band, while the "downlink" frequency
> would be on another band...Hence the term "cross band."
>
> 73,
> Jay/AF2C
>
> At 09:24 AM 2/20/2009 +0530, you wrote:
>
> >Cliff et al,
> >
> >Now I know that the 897D doesn't have the repeat operation that I was
> >looking for :(
> >
> > From the explanations, I gather that Cross Band Ops and Split mode
> >operations is one and the same.....or Am I missing something here !!
> >
> >73,
> >Selva
> >VU3RWB.
> >
> >
> >
> >_____
> >
> >From: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>
> >[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> >Robert Mcleod
> >Sent: Thursday, 19 February, 2009 20:10

> >To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>
> >Subject: Re: [FT897] Cross band Operation
> >
> >Hello to all. The 897D (or non D) will operate cross band, not cross
> >band repeat. There is a distinct difference in the two. Cross band ops,
> >you have the mic in your hand and transmit on one freq and receive on
> >the another, but not at the same time. Cross band repeat, you use the
> >rig as a stand alone, transmitting to it. It then retransmits on a
> >different freq simultainously. The FT-8900, 8800 and several other rigs
> >do that. Very nice for ECOMM in remote areas....cliff....wb4dpp
> >
> >--- On Thu, 2/19/09, Larry D. Barr
> ><<mailto:k5wlf%40rebelwolf.com>k5wlf@...
> <mailto:k5wlf%40rebelwolf.com>
> ><mailto:k5wlf%40rebelwolf.com> > wrote:
> >From: Larry D. Barr
> <<mailto:k5wlf%40rebelwolf.com>k5wlf@...
> <mailto:k5wlf%40rebelwolf.com>
> ><mailto:k5wlf%40rebelwolf.com>
> > >
> >Subject: Re: [FT897] Cross band Operation
> >To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>
> ><mailto:FT897%40yahoogroups.com>
> >Date: Thursday, February 19, 2009, 8:48 AM
> >
> >I know the FT-8800R has cross-band repeat capabilities, but I've not
> >
> >heard of the FT-897(D) being able to do that.
> >
> >73,
> >
> >ldb
> >
> >K5WLF
> >
> >Selva Kumar R wrote:
> >
> > > I've been trying to figure out how to setup cross band operation using
> >
> > > the feature available on 897, but have been unsuccessful at it so far.
> >I
> >
> > > need some help from the forum to set this up.
> >
> > >
> >
> > > My intent is to use my HT (VX-5R) on UHF/VHF frequency to cross band
> >

> > > into the local VHF repeater.
> >
> > >
> >
> > > Pls suggest settings on the 897 required for me to get this up and
> >
> > > running (Including the VXTR A/B settings I need to use). The info and
> >
> > > explanation on the Manual in inadequate and useless !! Alternatively,
> >
> > > explaining the theory behind the usage, will also be of great help. I
> >
> > > can then go about figuring out the freq & settings.
> >
> > >
> >
> > > Local repeater operates on 145.650 (-600kHz Shift).
> >
> > > My VHF/UHF port is connected to a dual Band Antenna (Diamond X710)
> >
> > >
> >
> > > Tks in advance.
> >
> > >
> >
> > > Best 73,
> >
> > > De Selva
> >
> > > VU3RWB, India.
>
> [Non-text portions of this message have been removed]
>
>

25065. Re: TX ERROR (60m)

Yahoo group: FT897 (2009)
Date: 2009-02-20 15:54:55 UTC
From: Steve Yates
Topic: 22093 Message: 25065

I concur with Dennis that you can only operate 60m through the preprogrammed 60m memory channels (later versions of the FT-897). However, IF you like quiet nationwide phone round tables where everyone is on about equal footing (power) then 60m is NOT a waste of time. Yes, because the frequencies are right in the middle of some government allocated spectrum they have put some tight requirements on us but it is better then no spectrum there.

Phone hams tend to channelize themselves anyway, just listen to 75m and you'll find a "channel" about every 3 kHz. I prefer CW most of the time but the way Yaesu setup the FT-897D it is easy to operate on 60m phone in the only legal manner. Yaesu probably had to do it that way before the FCC would approve the sale of the rigs in the US. Also, the way the FCC specified the channels by the center of the bandwidth rather then the carrier frequency it can be confusing to newcomers as to where they are really supposed to be. Yaesu made it easy.

Just for the record, I too would prefer a slice of spectrum on 60m rather the 'channels' but I'll take what we can get.

73,
Steve - AA5TB

25071. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 18:42:59 UTC
From: Larry D. Barr
Topic: 25012 Message: 25071

Not true. The local hams in my area commonly use a 70cm simplex
frequency on our HTs to cross-band repeat to our local 2m repeaters.
Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but a
couple of the guys have Alincos.

73,
ldb
K5WLF

John Rabold wrote:
> --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...> wrote:
>
<anip>

> To use this equipment, you must have a transceiver (usually handheld)
> that transmits and receives on different bands -- in effect, your
> transceiver must be able to do cross-band split operations in order to
> make use of a cross-band repeater.
>
<anip>

25073. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 21:48:24 UTC
From: P Grant
Topic: 25012 Message: 25073

To K5WLF.....
I read what you say, but it makes no sence to me..
I fail to see how your transmission on 70cms, can access
your local 2M repeater, and likewise can you explain (to everyone)
how your 70cms. HT can receive the 2 M talkback,
regardless of how many "cross band" FT8800R's are in the link.
The 8800R's are receiving on 70 cmc ??? from your HT.
How do they also receive the output of your local repeater ???
Here in little old Ireland, we have 2M, cross band "repeaters" linked to
70cms cross band repeaters... you need different ctcss tones to access either, depending
where you are (on the road, or up a mountain, or in a beautiful green valley)
You can even work "split" in on 70cms out on 2M or viceraversa.
You can even work conventionally, in and out on 2, or in and out on 70cms.
maybe there is another repeater somewhere on 220 Megs
[we have no 220 here]
Maybe I should buy one of those 70cms HP's you have over there.
What brand of HT is it ???
Keep 'spreading the message of emergency preparedness'.
Perhaps I will work you some time soon on 80M CW
best 73 for now de Peter _________ EI4HX _._
ei4hxperimental@...

~~~~~#~~~ o
----- Original Message -----
From: Larry D. Barr
To: FT897@yahoogroups.com
Sent: Friday, February 20, 2009 6:42 PM
Subject: Re: [FT897] Re: Cross band Operation

Not true. The local hams in my area commonly use a 70cm simplex
frequency on our HTs to cross-band repeat to our local 2m repeaters.
Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but a
couple of the guys have Alincos.

73,
ldb
K5WLF

John Rabold wrote:
> --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...> wrote:
>
<anip>

> To use this equipment, you must have a transceiver (usually handheld)
> that transmits and receives on different bands -- in effect, your
> transceiver must be able to do cross-band split operations in order to
~~~~~

> make use of a cross-band repeater.
>
<anip>

[Non-text portions of this message have been removed]

25074. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 22:12:53 UTC
From: Lew Phelps K6LMP
Topic: 25012 Message: 25074

I used to own an FT-8900, which is just like the 8800 except it also has 10 meters.. I traded it straight up for my FT-897D, because the former owner of the 897 wanted/needed its cross-band capabilities. The FT-8800 and FT-8900 CAN be configured for crossband operation. Those rigs can be configured to receive a signal on 70 cm and instantaneously re-transmit it on 2 meters, and when they receive a signal on 2 meters, instantaneously retransmit it on 70 cm. The 70 cm band on the 8800/8900 can be set up for simplex send-receive on some frequency other than is used by a 70 cm repeater, receive a signal from a 70 cm handitalkie, retransmit it to the 2 meter repeater, hear a reply on the 2 meter repeater, and retransmit it on the 70 cm simplex frequency, which the operator carrying the 70 cm handitalkie can hear.

It's a cool feature. I didn't use it with my 8900, but it allowed me to swap the 8900 for a much more valuable (in terms of price) 897D, the other ham thought the cross-band capability was valuable enough to him that he was willing to give up some $$ value.

73

Lew K6LMP

On Feb 20, 2009, at 1:48 PM, P Grant wrote:

> To K5WLF.....
> I read what you say, but it makes no sence to me..
> I fail to see how your transmission on 70cms, can access
> your local 2M repeater, and likewise can you explain (to everyone)
> how your 70cms. HT can receive the 2 M talkback,
> regardless of how many "cross band" FT8800R's are in the link.
> The 8800R's are receiving on 70 cmc ??? from your HT.
> How do they also receive the output of your local repeater ???
> Here in little old Ireland, we have 2M, cross band "repeaters"
> linked to
> 70cms cross band repeaters... you need different ctcss tones to
> access either, depending where you are (on the road, or up a
> mountain, or in a beautiful green valley)
> You can even work "split" in on 70cms out on 2M or viceraversa.
> You can even work conventionally, in and out on 2, or in and out on
> 70cms.
> maybe there is another repeater somewhere on 220 Megs
> [we have no 220 here]
> Maybe I should buy one of those 70cms HP's you have over there.
> What brand of HT is it ???
> Keep 'spreading the message of emergency preparedness'.

> Perhaps I will work you some time soon on 80M CW
> best 73 for now de Peter _____ EI4HX _._
> ei4hxperimental@...
>
> ~~~~~#~~~ o
> ----- Original Message -----
> From: Larry D. Barr
> To: FT897@yahoogroups.com
> Sent: Friday, February 20, 2009 6:42 PM
> Subject: Re: [FT897] Re: Cross band Operation
>
> Not true. The local hams in my area commonly use a 70cm simplex
> frequency on our HTs to cross-band repeat to our local 2m repeaters.
> Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but a
> couple of the guys have Alincos.
>
> 73,
> ldb
> K5WLF
>
> John Rabold wrote:
> > --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...>
> wrote:
> >
> <anip>
>
> > To use this equipment, you must have a transceiver (usually
> handheld)
> > that transmits and receives on different bands -- in effect, your
> > transceiver must be able to do cross-band split operations in
> order to
> > make use of a cross-band repeater.
> >
> <anip>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

25075. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 22:36:26 UTC
From: P Grant
Topic: 25012 Message: 25075

Hi Lew
You have cleared this queery up, I now understand how
the "Cross band / split " thing works...
The FT8800/8900 have ""Dual Band TX""" facility.
I have no experience of this before,
Many thanks for the information.
I guess we are never too old to learn.
It's 22.37 now...
I'm off for a lovely pint od Guinness or maybe 2.
best 73 from Ireland
de Peter _________ EI4HX _._
ei4hxperimental@...

~~~ o
----- Original Message -----
From: Lew Phelps K6LMP
To: FT897@yahoogroups.com
Sent: Friday, February 20, 2009 10:12 PM
Subject: Re: [FT897] Re: Cross band Operation

I used to own an FT-8900, which is just like the 8800 except it also
has 10 meters.. I traded it straight up for my FT-897D, because the
former owner of the 897 wanted/needed its cross-band capabilities.
The FT-8800 and FT-8900 CAN be configured for crossband operation.
Those rigs can be configured to receive a signal on 70 cm and
instantaneously re-transmit it on 2 meters, and when they receive a
signal on 2 meters, instantaneously retransmit it on 70 cm. The 70 cm
band on the 8800/8900 can be set up for simplex send-receive on some
frequency other than is used by a 70 cm repeater, receive a signal
from a 70 cm handitalkie, retransmit it to the 2 meter repeater, hear
a reply on the 2 meter repeater, and retransmit it on the 70 cm
simplex frequency, which the operator carrying the 70 cm handitalkie
can hear.

It's a cool feature. I didn't use it with my 8900, but it allowed me
to swap the 8900 for a much more valuable (in terms of price) 897D,
the other ham thought the cross-band capability was valuable enough to
him that he was willing to give up some $$ value.

73

Lew K6LMP

On Feb 20, 2009, at 1:48 PM, P Grant wrote:

> To K5WLF.....
> I read what you say, but it makes no sence to me..
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> I fail to see how your transmission on 70cms, can access
> your local 2M repeater, and likewise can you explain (to everyone)
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> regardless of how many "cross band" FT8800R's are in the link.
> The 8800R's are receiving on 70 cmc ??? from your HT.
> How do they also receive the output of your local repeater ???
> Here in little old Ireland, we have 2M, cross band "repeaters"
> linked to
> 70cms cross band repeaters... you need different ctcss tones to
> access either, depending where you are (on the road, or up a
> mountain, or in a beautiful green valley)
> You can even work "split" in on 70cms out on 2M or viceraversa.
> You can even work conventionally, in and out on 2, or in and out on
> 70cms.
> maybe there is another repeater somewhere on 220 Megs
> [we have no 220 here]
> Maybe I should buy one of those 70cms HP's you have over there.
> What brand of HT is it ???
> Keep 'spreading the message of emergency preparedness'.
> Perhaps I will work you some time soon on 80M CW
> best 73 for now de Peter _________ EI4HX _._
> ei4hxperimental@...
>
> ~~~~~#~~~ o
> ----- Original Message -----
> From: Larry D. Barr
> To: FT897@yahoogroups.com
> Sent: Friday, February 20, 2009 6:42 PM
> Subject: Re: [FT897] Re: Cross band Operation
>
> Not true. The local hams in my area commonly use a 70cm simplex
> frequency on our HTs to cross-band repeat to our local 2m repeaters.
> Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but a
> couple of the guys have Alincos.
>
> 73,
> ldb
> K5WLF
>
> John Rabold wrote:
> > --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...>
> wrote:
> >
> <anip>
>
> > To use this equipment, you must have a transceiver (usually
> handheld)
> > that transmits and receives on different bands -- in effect, your
> > transceiver must be able to do cross-band split operations in
> order to

> > make use of a cross-band repeater.
> >
> <anip>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25076. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-20 23:05:34 UTC
From: Larry D. Barr, K5WLF
Topic: 25012 Message: 25076

It's really pretty easy, Peter, so let's see if I can make the tellin' as easy as the doin'--

Think of the Yaesu FT-8800R as two transceivers in one box. Each of them capable of operation on either 2m or 70cm. Further, the radio has a built-in duplexer to enable one dual-band antenna to function for simultaneous transmit and receive operation.

To use the unit as a crossband repeater, you simply set up one side, say the left side, for the 2m repeater parameters you want -- frequency pair and tone options; and the other side with (in this case) the 70cm simplex frequency.

Then follow the directions on Page 56 of the manual to engage crossband repeat operation --

(From the manual)
Here is the procedure for setting up cross-band repeat operation:
1. Before enabling cross-band repeater operation, configure both band settings as desired, and set the squelch such that background noise is silenced.
2. Press the [SET] key momentarily to enter the Set mode.
3. Rotate the ?Main? band DIAL knob to select Menu #45 (X-RPT).
4. Press the ?Main? band DIAL knob momentarily, ?XSTART? will appear on the display.
5. Press the ?Main? band DIAL knob again to activate the cross-band repeater mode.
6. To exit the cross-band repeater mode, Press the [SET] key again.
</manual quote>

Hope that clarifies the process for you (and for everyone else), Peter. The HT I use for 70cm, BTW, is a Yaesu FT-60R, but any 70cm transceiver will do the job.

I'm gonna be in Co. Donegal this summer, Peter, so if you're up there, in a bar, and hear some ol' boy that sounds like he's from Texas, it might be me. Come over and say "Hi" and I'll buy you a pint.

73,
ldb
K5WLF

P Grant wrote:
> To K5WLF..... I read what you say, but it makes no sence to
> me.. I fail to see how your transmission on 70cms, can access your
> local 2M repeater, and likewise can you explain (to everyone) how
> your 70cms. HT can receive the 2 M talkback, regardless of how many

> "cross band" FT8800R's are in the link. The 8800R's are receiving on
> 70 cmc ??? from your HT. How do they also receive the output of your
> local repeater ??? Here in little old Ireland, we have 2M, cross
> band "repeaters" linked to 70cms cross band repeaters... you need
> different ctcss tones to access either, depending where you are (on
> the road, or up a mountain, or in a beautiful green valley) You can
> even work "split" in on 70cms out on 2M or viceraversa. You can even
> work conventionally, in and out on 2, or in and out on 70cms. maybe
> there is another repeater somewhere on 220 Megs [we have no 220
> here] Maybe I should buy one of those 70cms HP's you have over there.
> What brand of HT is it ??? Keep 'spreading the message of emergency
> preparedness'. Perhaps I will work you some time soon on 80M CW best
> 73 for now de Peter _____ EI4HX _._
> ei4hxperimental@...
>
> ~~~~~#~~~ o ----- Original Message ----- From: Larry D. Barr To:
> FT897@yahoogroups.com Sent: Friday, February 20, 2009 6:42 PM
> Subject: Re: [FT897] Re: Cross band Operation
>
>
> Not true. The local hams in my area commonly use a 70cm simplex
> frequency on our HTs to cross-band repeat to our local 2m repeaters.
> Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but
> a couple of the guys have Alincos.
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> John Rabold wrote:
>> --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...>
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> <anip>
>
>> To use this equipment, you must have a transceiver (usually
>> handheld) that transmits and receives on different bands -- in
>> effect, your transceiver must be able to do cross-band split
>> operations in order to make use of a cross-band repeater.
>>
> <anip>
>
>
>
> [Non-text portions of this message have been removed]
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>
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> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

25077. Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: Unix timestamp -125530647223 [implausible archived timestamp]
From: John Rabold
Topic: 25012 Message: 25077

--- In FT897@yahoogroups.com, "Larry D. Barr" <k5wlf@...> wrote:
>
> Not true. The local hams in my area commonly use a 70cm simplex
> frequency on our HTs to cross-band repeat to our local 2m repeaters.

True, as long as the others in the group (those with the HTs) either tune to the 2m frequency to listen and manually switch to the 70cm frequency to transmit ... or can hear each other on 70cm simplex. Of course, if you can ALL hear each other on simplex, why use a repeater? It's a good tactic if there's a small team in the field, all close to each other, but others listening in from a distance.

John KS6M

25080. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-21 02:36:20 UTC
From: Larry D. Barr, K5WLF
Topic: 25012 Message: 25080

Let's not make this difficult, John. There's certainly no need to manually switch freqs on the HTs.

Some examples of how the technology is used:

A ham at a rest stop on a bike race, with an 8800 in his vehicle and a 70cm HT in his hand, is no longer tied to the vehicle for the duration of the race. Set the 8800 to X-band repeat and he's free to wander about the stop and still provide comms to and from net control via the 2m repeater. 70cm simplex to and from the HT to the pickup and 2m repeater pair freqs from the pickup to the local 2m repeater and thence to net control at the start/finish line (and vice versa).

Our monthly meetings are held in the Science Building at a local university. A 2m HT won't make the local 2m repeater for talk-in purposes, but a 70cm HT will hit an 8800 in the parking lot and get the job done just fine.

A couple of our local hams set up booths at craft fairs. An 8800 in the pickup and a 70cm HT at the booth. Good comms all day. No problem.

I can't understand why you'd say that the HTs have to be frequency switched. When you key down the HT on 70 cm simplex, the signal coming into the 70cm receiver of the 8800 keys the 2m xmtr in the 8800 which retransmits the incoming audio on the 2m local repeater input freq. Unkey the HT and the 8800's 2m side goes into receive on the 2m local repeater's output freq and retransmits received signals from the local 2m repeater on the 70cm simplex freq which the HT, being unkeyed, is now listening on. It's really very simple.

For the team in the field, close to each other scenario, we have a portable repeater on the "backyard" freq pair that we can use.

73,
ldb
K5WLF

John Rabold wrote:
> --- In FT897@yahoogroups.com, "Larry D. Barr" <k5wlf@...> wrote:
>> Not true. The local hams in my area commonly use a 70cm simplex
>> frequency on our HTs to cross-band repeat to our local 2m repeaters.
>
> True, as long as the others in the group (those with the HTs) either
> tune to the 2m frequency to listen and manually switch to the 70cm
> frequency to transmit ... or can hear each other on 70cm simplex. Of
> course, if you can ALL hear each other on simplex, why use a repeater?
> It's a good tactic if there's a small team in the field, all close to

> each other, but others listening in from a distance.
>
> John KS6M

25086. Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-21 05:11:25 UTC
From: Ghulam HUssain
Topic: 25012 Message: 25086

John KS6m is absulutelt right , FT897 can not be operate as cross band repeater, it has not capability,
if any one need to use this oprtion then he/she should have FT 8800R like me is using 8800R for my local repeater , i have linked it with our main repeater.

73s

ap2gh / Hussain

[Non-text portions of this message have been removed]

25091. Re: [FT897] Re: Cross band Operation

Yahoo group: FT897 (2009)
Date: 2009-02-21 09:26:57 UTC
From: P Grant
Topic: 25012 Message: 25091

Hi Lew and John
Yes the procedure is easy explained when you know about the dual band TX - RX facility on the FT 8800 / 8900.
I was not aware of this,,, I had seen rigs with "dual watch", ie listen on both bands similtaneously
but cross band, dual band ,TX / RX, is the bit I had not met before.
Send me a post next time you are coming my way, Donegal is about 70 minutes drive from me (Co. Louth), I go there ofen with the XYL for weekend breaks...
You are just 3 years my junior, so I will buy you the pint of Guinness.
Best 73 from Ireland to ye all.
de Peter EI4HX _._
ei4hxperimental@...
~~~ o ~~~
----- Original Message -----
From: P Grant
To: FT897@yahoogroups.com
Sent: Friday, February 20, 2009 10:36 PM
Subject: Re: [FT897] Re: Cross band Operation

Hi Lew
You have cleared this queery up, I now understand how
the "Cross band / split " thing works...
The FT8800/8900 have ""Dual Band TX""" facility.
I have no experience of this before,
Many thanks for the information.
I guess we are never too old to learn.
It's 22.37 now...
I'm off for a lovely pint od Guinness or maybe 2.
best 73 from Ireland
de Peter _________ EI4HX _._
ei4hxperimental@...

~~~ o
----- Original Message -----
From: Lew Phelps K6LMP
To: FT897@yahoogroups.com
Sent: Friday, February 20, 2009 10:12 PM
Subject: Re: [FT897] Re: Cross band Operation

I used to own an FT-8900, which is just like the 8800 except it also has 10 meters.. I traded it straight up for my FT-897D, because the former owner of the 897 wanted/needed its cross-band capabilities.
The FT-8800 and FT-8900 CAN be configured for crossband operation. Those rigs can be configured to receive a signal on 70 cm and instantaneously re-transmit it on 2 meters, and when they receive a signal on 2 meters, instantaneously retransmit it on 70 cm. The 70 cm

band on the 8800/8900 can be set up for simplex send-receive on some frequency other than is used by a 70 cm repeater, receive a signal from a 70 cm handitalkie, retransmit it to the 2 meter repeater, hear a reply on the 2 meter repeater, and retransmit it on the 70 cm simplex frequency, which the operator carrying the 70 cm handitalkie can hear.

It's a cool feature. I didn't use it with my 8900, but it allowed me to swap the 8900 for a much more valuable (in terms of price) 897D, the other ham thought the cross-band capability was valuable enough to him that he was willing to give up some $$ value.

73

Lew K6LMP

On Feb 20, 2009, at 1:48 PM, P Grant wrote:

> To K5WLF.....
> I read what you say, but it makes no sence to me..
> I fail to see how your transmission on 70cms, can access
> your local 2M repeater, and likewise can you explain (to everyone)
> how your 70cms. HT can receive the 2 M talkback,
> regardless of how many "cross band" FT8800R's are in the link.
> The 8800R's are receiving on 70 cmc ??? from your HT.
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> Here in little old Ireland, we have 2M, cross band "repeaters"
> linked to
> 70cms cross band repeaters... you need different ctcss tones to
> access either, depending where you are (on the road, or up a
> mountain, or in a beautiful green valley)
> You can even work "split" in on 70cms out on 2M or viceraversa.
> You can even work conventionally, in and out on 2, or in and out on
> 70cms.
> maybe there is another repeater somewhere on 220 Megs
> [we have no 220 here]
> Maybe I should buy one of those 70cms HP's you have over there.
> What brand of HT is it ???
> Keep 'spreading the message of emergency preparedness'.
> Perhaps I will work you some time soon on 80M CW
> best 73 for now de Peter _____ EI4HX _._
> ei4hxperimental@...
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> ~~~~~#~~~ o
> ----- Original Message -----
> From: Larry D. Barr
> To: FT897@yahoogroups.com
> Sent: Friday, February 20, 2009 6:42 PM
> Subject: Re: [FT897] Re: Cross band Operation
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> Not true. The local hams in my area commonly use a 70cm simplex

> frequency on our HTs to cross-band repeat to our local 2m repeaters.
> Most of the time we're cross-band repeating on Yaesu FT-8800Rs, but a
> couple of the guys have Alincos.
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> 73,
> ldb
> K5WLF
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> > --- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...>
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> order to
> > make use of a cross-band repeater.
> >
> <anip>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25093. RE: [FT897] CW-1 TUNING INDICATOR LIGHT

Yahoo group: FT897 (2009)
Date: 2009-02-21 11:16:34 UTC
From: Rick
Topic: 25038 Message: 25093

I would like to change the subject if I may I have noticed that to get the cw-1 light to come showing the zero beat I have to go down in frequency about 30 cycles from center. Do I have a setting wrong? Has any one else noticed this on there rigs.
Thanks
Rick
N8MFN

Yahoo! Groups Links

25094. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-02-21 17:59:41 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 25094

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /CAT & Sound Card Interfaces/CAT & Sound Card Interfaces/N5ZTW design TiniCAT/Mail Order Form Yahoo group FT897.pdf
Uploaded by : n5ztw <n5ztw@...>
Description : Yahoo Group discount order form. Revised

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/CAT%20%26%20Sound%20Card%20Interfaces/CAT%20%26%20Sound%20Card%20Interfaces/N5ZTW%20design%20TiniCAT/Mail%20Order%20Form%20Yahoo%20group%20FT897.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

n5ztw <n5ztw@...>

25099. Re: MD-100 A8x Mic

Yahoo group: FT897 (2009)
Date: 2009-02-21 11:06:24 UTC
From: kbrown1075
Topic: 25037 Message: 25099

I have the MD-100 on my 897D and found it to be a bit of a dissapointment. If all you want to use it for is a mic, then it will work, however if you want the ability to scan and change freq with the control on the base then you may want to think about it. I have found that to bump freq up or down in a fine adjustment it will work, but if you hold the control, for example "down" position" it will shut the radio off. Holding it in the up position will cause it to go into vfo up scan. I find myself still using the MH-31 mic that came with the 897 more than the MD-100.

Good luck with your choice,

Kirk
N1TVF

--- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@...> wrote:
>
> I am thinking of getting the MD100 mic for my 897/D . How ever I am
> wanting to mount it onto a boom i have made up from a work lamp arm .
>
> Can the MD100 be set up on a foot switch with out having the base
> attached to it>? Also does any one know how well the mic works on
the
> 897 to begin with ?
>
>
> Thanks and 73's
>
> Jerry
>

25101. Re: FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-21 04:11:14 UTC
From: ab9ta
Topic: 25033 Message: 25101

Gavin and George:

Well, it's good to know that Yaesu has a parts dept. that is easy to work with...

I'm thinking that it would be a tight fit, but I was looking at fitting batteries in the original battery compartment, (I've seen two files on here of home-brew battery installations). Then seeing if a 20W (like the one from LDG) wide range tuner and a small switcher would fit in the empty FP-30 space. I have a Toughbook computer from work, it has a nice little 15.6V @ 5A supply. That should be enough to run the radio at 20 W output, and properly charge some NiMh batteries I think.. The case to that supply measures 5 3/8 X 2 X 1 inches.. I'm sure the supply itself is quite a bit smaller, but my employer wouldn't like me cracking open the sealed case just to see what's inside..

I'd like to get to a self-contained radio with power, battery, and tuner.. The electronics isn't so hard, it's getting a case that is rugged and looks professional that's the trick..
I've even thought of trying to find an empty case for a military radio like a PRC-77 or PRC-25 to try and mount all this into..

First purchase is going to be the radio of course.. I'm leaning towards the Yaesu as oppossed to the Icom, in reading the posts on the various groups, it seems that there is a lower percentage of posts talking about Yaesu failures compared to Icom failures..

Anyway, thanks for the input guys,
Bill - AB9TA

25102. Re: [FT897] Re: FP-30 Case

Yahoo group: FT897 (2009)
Date: 2009-02-22 17:01:10 UTC
From: Jim
Topic: 25033 Message: 25102

Some of the website show installing a 12 volt battery, but you need a 13.2 volt battery. I found one at this site for $70, with a charger and cables. You can either use it like it is out take it apart and reassemble it so it fits inside the radio. You will have to come up with the connector for the radio internal battery or just solder to them, or get some molex pins and make one.

http://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=2205&SSAID=204502

ab9ta wrote:
>
> Gavin and George:
>
> Well, it's good to know that Yaesu has a parts dept. that is easy to
> work with...
>
> I'm thinking that it would be a tight fit, but I was looking at
> fitting batteries in the original battery compartment, (I've seen two
> files on here of home-brew battery installations). Then seeing if a
> 20W (like the one from LDG) wide range tuner and a small switcher
> would fit in the empty FP-30 space. I have a Toughbook computer from
> work, it has a nice little 15.6V @ 5A supply. That should be enough
> to run the radio at 20 W output, and properly charge some NiMh
> batteries I think.. The case to that supply measures 5 3/8 X 2 X 1
> inches.. I'm sure the supply itself is quite a bit smaller, but my
> employer wouldn't like me cracking open the sealed case just to see
> what's inside..
>
> I'd like to get to a self-contained radio with power, battery, and
> tuner.. The electronics isn't so hard, it's getting a case that is
> rugged and looks professional that's the trick..
> I've even thought of trying to find an empty case for a military
> radio like a PRC-77 or PRC-25 to try and mount all this into..
>
> First purchase is going to be the radio of course.. I'm leaning
> towards the Yaesu as oppossed to the Icom, in reading the posts on
> the various groups, it seems that there is a lower percentage of
> posts talking about Yaesu failures compared to Icom failures..
>
> Anyway, thanks for the input guys,
> Bill - AB9TA
>
>

25110. FT jumper mods

Yahoo group: FT897 (2009)
Date: 2009-02-23 03:21:34 UTC
From: j_old_man
Topic: 25110 Message: 25110

I was thinking of doing the some of the jumper mods on my rig but if the mods opens it up for cb then the mods aren't legal. Is that the way it sounds. or is there some jumper mods that are ok to make. I was wanting to open the 70cm up so I could use the 420 mhz to 430 mhz which is now a tx error. So would this be a legal mod or not.

I hope i haven't reopen a bad subject.

Thanks

Jerry - wb9onu

25112. Re: [FT897] FT jumper mods

Yahoo group: FT897 (2009)
Date: 2009-02-23 04:36:12 UTC
From: Randy Charles Ford
Topic: 25110 Message: 25112

I suggest that you review the FCC rules so you know for sure. I, or others, could be wrong, and you are responsible for what happens even if you get incorrect advice.

However, as I understand it, there is no limitation placed upon hams concerning what their built or modified rigs can do. Manufactures must meet different rules, so thy are limited in what they can sell. However, we are not limited in how we modify them for our personal use. We are, of course, individually responsible for how we use them.

For instance, while there is no FCC rule of which I am aware to prevent me from modifying my rig to transmit on CB bands, there are rules that prevent me from actually transmitting on them over the air, unless it is an emergency that meets the FCC requirements.

For instance, consider traveling down the road while listening to a CB, and hearing a distress call from somebody injured and trapped in a wrecked car where nobody could see them, and there was no indication that anybody else could communicate with them. If, after failing to raise them on the CB, you switched to 100W on your ham rig and could communicate with them, you would probably be meeting the FCC rules in doing so.

Another instance happened with a firefighter who transmitted on his fire departments frequency using a modified HT. He considered the transmission OK, because of his definition of an emergency; however, his department did not. They report the instance to the FCC, who took action against him. His having modified his HT for the expressed purpose of using it on the departments frequency was taken to show intent to violate the rules. It appeared that his goal was to be able to only carry one HT. If he had never transmitted, he would not have broken the rules.

I have read that an unmodified FT-897 may transmit out of the ham bands, at least on the edges of the allowed frequencies. They can transmit using modes or powers that are not permitted on ham frequencies. No matter what the rig can do, the operator is responsible for what it does. That doesn't change based on mods.

Now, even though it may be permitted to open up the radio, is it a good idea? What is the likelyhood most hams would ever have an opportunity to legally use the rig out of the ham bands? I'm sure that there are some who are in environments where it is more likely, but most probably aren't. What is the likelyhood of somebody unauthorized using the rig. If they used it on public safety or air bands, the result could be far worse than if they misused it on ham bands.

Before opening one up, I suggest that each ham carefully consider their motivations. If you want to use it for non-ham purposes, you should consider

alternatives. For most hams, opening them up is likely not a good idea, but only the individual can decide why they want to do it, and if it is really appropriate for them.

73,
kg4jix randy.

On Sunday 22 February 2009 21:21:34 j_old_man wrote:
> I was thinking of doing the some of the jumper mods on my rig but if
> the mods opens it up for cb then the mods aren't legal. Is that the way
> it sounds. or is there some jumper mods that are ok to make. I was
> wanting to open the 70cm up so I could use the 420 mhz to 430 mhz which
> is now a tx error. So would this be a legal mod or not.
>
> I hope i haven't reopen a bad subject.
>
>
> Thanks
>
> Jerry - wb9onu

25113. Re: [FT897] FT jumper mods

Yahoo group: FT897 (2009)
Date: 2009-02-23 04:38:02 UTC
From: D F
Topic: 25110 Message: 25113

The mod itself is not illegal. It is WHAT YOU DO with the rig afterwards that MAY get you into trouble. I have my 857 opened for 2m 440 for a few reasons, one because I need access to some of the 460 and 150 MHz areas for work and instead of having several radios in the car, I have only one.

However, if you use the rig, say, in the 11m portion knowing the power limitations per the FCC AND given the fact most non-radio understanding people who may suffer interference just may complain, you are asking for trouble.

If you have a legitimate use for the mod and have proper documentation, licensing, etc., you have nothing to worry about.

But, as has been stated, 11m band operation with this radio MAY get you unwanted attention, headaches and loss of funds that, right now, I doubt anyone would want.

Dennis - N8BMB

From: j_old_man <j_old_man@...>
To: FT897@yahoogroups.com
Sent: Sunday, February 22, 2009 9:21:34 PM
Subject: [FT897] FT jumper mods

I was thinking of doing the some of the jumper mods on my rig but if
the mods opens it up for cb then the mods aren't legal. Is that the way
it sounds. or is there some jumper mods that are ok to make. I was
wanting to open the 70cm up so I could use the 420 mhz to 430 mhz which
is now a tx error.. So would this be a legal mod or not.

I hope i haven't reopen a bad subject.

Thanks

Jerry - wb9onu

[Non-text portions of this message have been removed]

25114. Re: [FT897] FT jumper mods(BUSINESS use???)

Yahoo group: FT897 (2009)
Date: 2009-02-23 07:06:28 UTC
From: kc3vo@aol.com
Topic: 25114 Message: 25114

To DENNIS: By your callsign, it seems apparent that you are a U.S.A. amateur, and you state that you have modified you radio, because you have requirements for usage in the 150 and 460 mhz range that are work related? Are you aware that business band, local government, or personal radio service usage, marine, or most other non-amateur usage of amateur or other radios not approved by the F.C.C. on such frequencies for transmission theron, is illegal in the U.S.A.? (apparently you DO transmit, as modification is not required to only receive.)-73, kC3VO, Bob Curry

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(http://yellowpages.aol.com/search?query=Tax+Return+Preparation+%26+Filing&ncid=emlcntusyelp00000004)

[Non-text portions of this message have been removed]

25116. Roger J Buffington Post

Yahoo group: FT897 (2009)
Date: 2009-02-23 13:28:04 UTC
From: Carl Wulfestieg
Topic: 25116 Message: 25116

Owner-
Can the Roger J. Buffington post (shown below), that appears quite frequently, be cancelled somehow? This has been going on for two days now. Sure, I can just delete it but I get hundreds of emails daily (14 yahoo groups plus others) and I just don't need any more.
Thanks a lot-
73 Carl WZ4CW

Larry D. Barr, K5WLF wrote:
>
> Dear Mr. Moderator,
>
> Can we put this thread out of our collective misery? It's become a
> glaring example of flogging a deceased equine.
>
> 73, ldb K5WLF

Seconded.

de Roger W6VZV

[Non-text portions of this message have been removed]

25118. Re: [FT897] Roger J Buffington Post

Yahoo group: FT897 (2009)
Date: 2009-02-23 13:30:51 UTC
From: Jim
Topic: 25116 Message: 25118

Use the delete button, like everyone else.

Carl Wulfestieg wrote:
>
> Owner-
> Can the Roger J. Buffington post (shown below), that appears quite
> frequently, be cancelled somehow? This has been going on for two days
> now. Sure, I can just delete it but I get hundreds of emails daily (14
> yahoo groups plus others) and I just don't need any more. Thanks a lot-
> 73 Carl WZ4CW
>
> Larry D. Barr, K5WLF wrote:
> >
> > Dear Mr. Moderator,
> >
> > Can we put this thread out of our collective misery? It's become a
> > glaring example of flogging a deceased equine.
> >
> > 73, ldb K5WLF
>
> Seconded.
>
> de Roger W6VZV
>
> [Non-text portions of this message have been removed]
>
>

25119. Re: [FT897] Roger J Buffington Post

Yahoo group: FT897 (2009)
Date: 2009-02-23 13:33:55 UTC
From: dug b
Topic: 25116 Message: 25119

Yahoo groups are having technical issues. Some people are getting spammed with multiple copies of emails; there's nothing the mods can do except wait with the rest of us. Performance got so bad on our club's yahoo group that I had to move it to google groups.

Doug/ KC4RSL

From: Jim <liteways@...>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 8:30:51 AM
Subject: Re: [FT897] Roger J Buffington Post

Use the delete button, like everyone else.

Carl Wulfestieg wrote:
>
> Owner-
> Can the Roger J. Buffington post (shown below), that appears quite
> frequently, be cancelled somehow? This has been going on for two days
> now. Sure, I can just delete it but I get hundreds of emails daily (14
> yahoo groups plus others) and I just don't need any more. Thanks a lot-
> 73 Carl WZ4CW
>
> Larry D. Barr, K5WLF wrote:
> >
> > Dear Mr. Moderator,
> >
> > Can we put this thread out of our collective misery? It's become a
> > glaring example of flogging a deceased equine.
> >
> > 73, ldb K5WLF
>
> Seconded.
>
> de Roger W6VZV
>
> [Non-text portions of this message have been removed]
>
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25121. Re: [FT897] FT jumper mods(BUSINESS use???)

Yahoo group: FT897 (2009)
Date: 2009-02-23 14:21:52 UTC
From: kc3vo@aol.com
Topic: 25114 Message: 25121

Sorry, but unless the "Entity" for which you work happens to be the Federal Communications Commission, and/or the F.C.C. has granted a waiver of regulations, in writing, you are very likely in violation or F.C.C. rules, which specifically REQUIRE usage of approved/certificated equipment ONLY for use on your job network. You could, potentially, cause big problems for both yourself AND your employer, including loss of your license and your job! (Among other things, I am a former F.C.C. employee, being assigned as a license examiner at F.C.C. headquarters, on 1919 M street, Washington, D.C. in 1974.) -In your position, it seems foolish to take chances! Commercial/business, Police, Fire, Aviation, Marine, Broadcast, and local government radio licensees DO NOT have authority to waive F.C.C. regulations! If you sill have doubts, why not WRITE the F.C.C., give them all details, and specifically ASK for written affirmation or denial to utilize the modified FT-897 in your business duties as described? IF they affirm your ability to do so, THEN you would be on solid ground to continue. (I would NOT advise continuing without written permission/waiver of F.C.C.rules from QUALIFIED U.S. government entity.)-You could also ask my friend, a F.C.C. former attorney, James Talens, N3JT- his phone is 703-241-1144--------Be careful, be legal!-73, KC3VO-Bob Curry
**********Get a jump start on your taxes. Find a tax professional in your neighborhood today.
(http://yellowpages.aol.com/search?query=Tax+Return+Preparation+%26+Filing&ncid=emlcntusyelp00000004)

[Non-text portions of this message have been removed]

25122. Re: [FT897] FT jumper mods(BUSINESS use???)

Yahoo group: FT897 (2009)
Date: 2009-02-23 14:25:05 UTC
From: jer1538a@aol.com
Topic: 25114 Message: 25122

THEY WILL ROAST IN HELL ALSO !!

****
A Good Credit Score is 700 or
Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1218822736x1201267884/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefa
ult.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DfebemailfooterNO62)

[Non-text portions of this message have been removed]

25123. Re: [FT897] FT jumper mods(BUSINESS use???)

Yahoo group: FT897 (2009)
Date: 2009-02-23 14:31:01 UTC
From: kc3vo@aol.com
Topic: 25114 Message: 25123

Roast in Hell?---No, that is not currently one of the F.C. C. penalties, as President O'Bama is reportedly against torture and extreme measures of "persuasion"---73, KC3VO, Bob Curry

**********Get a jump start on your taxes. Find a tax professional in your neighborhood today.
(http://yellowpages.aol.com/search?query=Tax+Return+Preparation+%26+Filing&ncid=emlcntusyelp00000004)

[Non-text portions of this message have been removed]

25128. General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 19:54:54 UTC
From: wayne
Topic: 25128 Message: 25128

Guys,
I know its off the subject and i should know the answer but....

Passed the extra Exam yesterday, do i have to wait for it to be posted
in the FCC or can i use the extra portions of the band right away..

Thanks
M1EVK
W5YNE

25129. Re: [FT897] General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 20:16:02 UTC
From: D F
Topic: 25128 Message: 25129

If you hold the paper in your hand stating you passed, you may use the portions of the band for extra right away, you need to append your call with "/AE" such as N8BMB/AE.

Congrats!

Dennis - N8BMB

From: wayne <wayne_alan2000@...>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 1:54:54 PM
Subject: [FT897] General Question about the Extra licence

Guys,
I know its off the subject and i should know the answer but....

Passed the extra Exam yesterday, do i have to wait for it to be posted
in the FCC or can i use the extra portions of the band right away..

Thanks
M1EVK
W5YNE

Messages in this topic (1) Reply (via web post) | Start a new topic
Messages | Files | Photos | Links | Database | Polls | Calendar
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From kitchen basics to easy recipes - join the Group from Kraft Foods

Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Daily Digest | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe
Recent Activity
* 28
New Members
* 3
New FilesVisit Your Group
John McEnroe
on Yahoo! Groups
Join him for the
10 Day Challenge.
Group Charity
Give a laptop
Get a laptop: One
laptop per child
Check out the

Y! Groups blog
Stay up to speed
on all things Groups!
.

__,_..,___

[Non-text portions of this message have been removed]

25130. Re: [FT897] General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 20:17:02 UTC
From: Shane J. Wolfe
Topic: 25128 Message: 25130

Wayne,

You can use your privileges right away (you earned them!).

When you do go into the Extra frequencies, be sure to identify your call sign with "Temporary Extra" if using phone... that way, someone doesn't yell at you if they look you up and see you listed as General.

-Shane
KV3SPA (failed my Extra test on Friday).

On Monday, February 23, 2009, at 02:54PM, "wayne" <wayne_alan2000@...> wrote:
>Guys,
> I know its off the subject and i should know the answer but....
>
>Passed the extra Exam yesterday, do i have to wait for it to be posted
>in the FCC or can i use the extra portions of the band right away..
>
>Thanks
>M1EVK
>W5YNE
>
>

25131. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 21:09:30 UTC
From: Stewart Nelson
Topic: 25128 Message: 25131

I hope you tried it twice. You have never really failed until you take the test two times on the same day. Remeber, what you didn't pass think about it because your sure to have a question like it on the next test. I failed the test by one question the first time and passed it by one extra the next time. The VEs encouraged me, and I will be for ever thankful.

--- In FT897@yahoogroups.com, "Shane J. Wolfe" <shanewolfe@...> wrote:
>
> Wayne,
>
> You can use your privileges right away (you earned them!).
>
> When you do go into the Extra frequencies, be sure to identify your call sign with "Temporary Extra" if using phone... that way, someone doesn't yell at you if they look you up and see you listed as General.
>
> -Shane
> KV3SPA (failed my Extra test on Friday).
>
>
>
>
> On Monday, February 23, 2009, at 02:54PM, "wayne" <wayne_alan2000@...> wrote:
> >Guys,
> > I know its off the subject and i should know the answer but....
> >
> >Passed the extra Exam yesterday, do i have to wait for it to be posted
> >in the FCC or can i use the extra portions of the band right away..
> >
> >Thanks
> >M1EVK
> >W5YNE
> >
> >
>

25132. Re: [FT897] General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 21:30:33 UTC
From: af2c@njdxa.org
Topic: 25128 Message: 25132

Congrats -

Yes, you can immediately use your privileges. However, you must affix a /E
to your call when operating outside of the bands your current General Class
ticket entitles you to utilize.

When operating on the Advanced and Extra Sections, you will use the call
W5YNE/E until the notice of your upgrade appears on the FCC Website.

Again...Congratulations,

73,
Jay/AF2C

At 07:54 PM 2/23/2009 +0000, you wrote:

>Guys,
>I know its off the subject and i should know the answer but....
>
>Passed the extra Exam yesterday, do i have to wait for it to be posted
>in the FCC or can i use the extra portions of the band right away..
>
>Thanks
>M1EVK
>W5YNE
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.0.237 / Virus Database: 270.11.3/1967 - Release Date: 02/23/09
>07:17:00

[Non-text portions of this message have been removed]

25133. Re: [FT897] General Question about the Extra licence - Correction

Yahoo group: FT897 (2009)
Date: 2009-02-23 21:33:38 UTC
From: af2c@njdxa.org
Topic: 25128 Message: 25133

Wayne -

Correction to my last message:

Congrats -

Yes, you can immediately use your privileges. However, you must affix a
/AE to your call when operating outside of the bands your current General
Class ticket entitles you to utilize.

When operating on the Advanced and Extra Sections, you will use the call
W5YNE/AE until the notice of your upgrade appears on the FCC Website.

Again...Congratulations,

73,
Jay/AF2C

At 07:54 PM 2/23/2009 +0000, you wrote:

>Guys,
>I know its off the subject and i should know the answer but....
>
>Passed the extra Exam yesterday, do i have to wait for it to be posted
>in the FCC or can i use the extra portions of the band right away..
>
>Thanks
>M1EVK
>W5YNE
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.0.237 / Virus Database: 270.11.3/1967 - Release Date: 02/23/09
>07:17:00

[Non-text portions of this message have been removed]

25134. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 22:08:38 UTC
From: wayne
Topic: 25128 Message: 25134

KV3SPA,
although i do have a full English Licence i did take the Exams
here in USA too to save me having to put a W%/ in-front of my call,

Dont give up, i used QRZ/ e-ham and another practice test on the w5ddl
site, the last one gives yor score for each of the sub sections such as
e6 etc etc,

I took the test each day for two weeks until i was avergaing at 90%,
some times i'd get the first 4 questions wrong BUT i still continued
with that one and passed,

Good luck mate and thanks for the Advice

M1EVK
W5YNE
Wayne

Thanks to all for their comments and help

25135. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 22:18:11 UTC
From: Shane J. Wolfe
Topic: 25128 Message: 25135

I missed it by a long shot this time around, so they wouldn't let me take it a 2nd time.

Not giving up by any means. I don't feel so bad though because an electrical engineer failed it by just as many questions as me.

I'll keep trying!

Hi Hi

Shane
KV3SPA

On Monday, February 23, 2009, at 04:09PM, "Stewart Nelson" <morriltonmayor@...> wrote:
>I hope you tried it twice. You have never really failed until you
>take the test two times on the same day. Remeber, what you didn't
>pass think about it because your sure to have a question like it on
>the next test. I failed the test by one question the first time and
>passed it by one extra the next time. The VEs encouraged me, and I
>will be for ever thankful.
>
>
>--- In FT897@yahoogroups.com, "Shane J. Wolfe" <shanewolfe@...> wrote:
>>
>> Wayne,
>>
>> You can use your privileges right away (you earned them!).
>>
>> When you do go into the Extra frequencies, be sure to identify your
>call sign with "Temporary Extra" if using phone... that way, someone
>doesn't yell at you if they look you up and see you listed as General.
>>
>> -Shane
>> KV3SPA (failed my Extra test on Friday).
>>
>>
>>
>>
>> On Monday, February 23, 2009, at 02:54PM, "wayne"
><wayne_alan2000@...> wrote:
>> >Guys,
>> > I know its off the subject and i should know the answer
>but....
>> >
>> >Passed the extra Exam yesterday, do i have to wait for it to be
>posted
>> >in the FCC or can i use the extra portions of the band right away..

>> >
>> >Thanks
>> >M1EVK
>> >W5YNE
>> >
>> >
>>
>
>
>

25136. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 22:39:00 UTC
From: Bruce Krell
Topic: 25128 Message: 25136

Shane,

Don't be intimidated and don't give up.

The Amateur Extra exam requires a wide range of knowledge about a wide range of topics including transistor electronocs. computer engineering, GPS, Radar, Ship and Aircraft
radios, and even vacuum tubes -- large commercial stations use them so you still
need to know about them.

Frankly, having an EE degree and even some experience is only a minor advantage
in taking the exam. The technical topics are so broad that the EE degree really
doesn't give you that much advantage.

For instance, I'm a sofware geek, but I built software for a lot of the systems
that you have to know, taught computer engineering, and had a lot of practical
hands-on experience. That is the background that really helps. If you've done
a lot of radio building and operating, you are also much better prepared.

Here are some suggestions:
learn to sight recognize the right answer to the question
don't bother studying the wrong answers -- the distractors -- they
will only waste your time and energy
pick a term in the question and some corresponding term in the answer
that lets you quickly sight recognize the answer.
study the whole question pool.

While the practice exams are OK, if you are not studying the question pool
and the right answers, it will really take you a long time.

Bruce Krell
AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
Shane J. Wolfe
Sent: Monday, February 23, 2009 2:18 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: General Question about the Extra licence

I missed it by a long shot this time around, so they wouldn't let me take
it a 2nd time.

Not giving up by any means. I don't feel so bad though because an
electrical engineer failed it by just as many questions as me.

I'll keep trying!

Hi Hi

Shane
KV3SPA

On Monday, February 23, 2009, at 04:09PM, "Stewart Nelson"
<morriltonmayor@...> wrote:
>I hope you tried it twice. You have never really failed until you
>take the test two times on the same day. Remeber, what you didn't
>pass think about it because your sure to have a question like it on
>the next test. I failed the test by one question the first time and
>passed it by one extra the next time. The VEs encouraged me, and I
>will be for ever thankful.
>
>
>--- In FT897@yahoogroups.com, "Shane J. Wolfe" <shanewolfe@...> wrote:
>>
>> Wayne,
>>
>> You can use your privileges right away (you earned them!).
>>
>> When you do go into the Extra frequencies, be sure to identify your
>call sign with "Temporary Extra" if using phone... that way, someone
>doesn't yell at you if they look you up and see you listed as General.
>>
>> -Shane
>> KV3SPA (failed my Extra test on Friday).
>>
>>
>>
>>
>> On Monday, February 23, 2009, at 02:54PM, "wayne"
><wayne_alan2000@...> wrote:
>> >Guys,
>> > I know its off the subject and i should know the answer
>but....
>> >
>> >Passed the extra Exam yesterday, do i have to wait for it to be
>posted
>> >in the FCC or can i use the extra portions of the band right away..
>> >
>> >Thanks
>> >M1EVK
>> >W5YNE

>> >
>> >
>>
>
>
>

[Non-text portions of this message have been removed]

25137. Re: [FT897] General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 22:59:56 UTC
From: Carl Wulfestieg
Topic: 25128 Message: 25137

Slight correction: Use the call sign W5YNE / AE
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25138. Re: [FT897] General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:05:50 UTC
From: Peter Robinson
Topic: 25128 Message: 25138

If you are in the States, you can use your existing call but adding /AE to it eg W5YNE/AE meaning 'acting extra', when you walk out of the exam room with the piece of paper in your pocket. If you are currently resident in the UK, and you went to France, you couldn't call F/W5YNE until you actually had received the license. Hope that all makes sense.

Congratulations.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: wayne
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 7:54 PM
Subject: [FT897] General Question about the Extra licence

Guys,
I know its off the subject and i should know the answer but....

Passed the extra Exam yesterday, do i have to wait for it to be posted
in the FCC or can i use the extra portions of the band right away..

Thanks
M1EVK
W5YNE

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.3/1967 - Release Date: 02/23/09 07:17:00

[Non-text portions of this message have been removed]

25139. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:09:54 UTC
From: Peter Robinson
Topic: 25128 Message: 25139

Shane - if you want it, you will put in the study time and you will get it - it is 'when', not 'if'. Good luck for the next go.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: Shane J. Wolfe
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 10:18 PM
Subject: Re: [FT897] Re: General Question about the Extra licence

I missed it by a long shot this time around, so they wouldn't let me take it a 2nd time.

Not giving up by any means. I don't feel so bad though because an electrical engineer failed it by just as many questions as me.

I'll keep trying!

Hi Hi

Shane
KV3SPA

On Monday, February 23, 2009, at 04:09PM, "Stewart Nelson" <morriltonmayor@sbcglobal.net> wrote:
>I hope you tried it twice. You have never really failed until you
>take the test two times on the same day. Remeber, what you didn't
>pass think about it because your sure to have a question like it on
>the next test. I failed the test by one question the first time and
>passed it by one extra the next time. The VEs encouraged me, and I
>will be for ever thankful.
>
>
>--- In FT897@yahoogroups.com, "Shane J. Wolfe" <shanewolfe@...> wrote:
>>
>> Wayne,
>>
>> You can use your privileges right away (you earned them!).
>>
>> When you do go into the Extra frequencies, be sure to identify your
>call sign with "Temporary Extra" if using phone... that way, someone
>doesn't yell at you if they look you up and see you listed as General.
>>
>> -Shane

>> KV3SPA (failed my Extra test on Friday).
>>
>>
>>
>>
>> On Monday, February 23, 2009, at 02:54PM, "wayne"
><wayne_alan2000@...> wrote:
>> >Guys,
>> > I know its off the subject and i should know the answer
>but....
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>> >Passed the extra Exam yesterday, do i have to wait for it to be
>posted
>> >in the FCC or can i use the extra portions of the band right away..
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>> >Thanks
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>> >
>>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.3/1967 - Release Date: 02/23/09 07:17:00

[Non-text portions of this message have been removed]

25140. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:15:00 UTC
From: Shane J. Wolfe
Topic: 25128 Message: 25140

Agreed.

I have this "thing" about actually knowing the material, so failing
the test gave me a better idea of what I need to work on.

Thank you all for the encouragement.

I'm also learning code at the moment, so I have plenty to keep me busy.

Take care,

Shane
KV3SPA

On Feb 23, 2009, at 7:09 PM, Peter Robinson wrote:

> Shane - if you want it, you will put in the study time and you will
> get it - it is 'when', not 'if'. Good luck for the next go.
>
> 73 de Peter - GØFIM / AA3JN
>
> The optimist proclaims that we live in the best of all possible
> worlds. The pessimist fears that this is true.
>
> ----- Original Message -----
> From: Shane J. Wolfe
> To: FT897@yahoogroups.com
> Sent: Monday, February 23, 2009 10:18 PM
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
> I missed it by a long shot this time around, so they wouldn't let me
> take it a 2nd time.
>
> Not giving up by any means. I don't feel so bad though because an
> electrical engineer failed it by just as many questions as me.
>
> I'll keep trying!
>
> Hi Hi
>
> Shane
> KV3SPA
>
> On Monday, February 23, 2009, at 04:09PM, "Stewart Nelson" <morriltonmayor@...
> > wrote:
> >I hope you tried it twice. You have never really failed until you
> >take the test two times on the same day. Remeber, what you didn't

> >pass think about it because your sure to have a question like it on
> >the next test. I failed the test by one question the first time and
> >passed it by one extra the next time. The VEs encouraged me, and I
> >will be for ever thankful.
> >
> >
> >--- In FT897@yahoogroups.com, "Shane J. Wolfe" <shanewolfe@...>
> wrote:
> >>
> >> Wayne,
> >>
> >> You can use your privileges right away (you earned them!).
> >>
> >> When you do go into the Extra frequencies, be sure to identify your
> >call sign with "Temporary Extra" if using phone... that way, someone
> >doesn't yell at you if they look you up and see you listed as
> General.
> >>
> >> -Shane
> >> KV3SPA (failed my Extra test on Friday).
> >>
> >>
> >>
> >>
> >> On Monday, February 23, 2009, at 02:54PM, "wayne"
> ><wayne_alan2000@...> wrote:
> >> >Guys,
> >> > I know its off the subject and i should know the answer
> >but....
> >> >
> >> >Passed the extra Exam yesterday, do i have to wait for it to be
> >posted
> >> >in the FCC or can i use the extra portions of the band right
> away..
> >> >
> >> >Thanks
> >> >M1EVK
> >> >W5YNE
> >> >
> >> >
> >>
> >
> >
> >
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.3/1967 - Release Date:

> 02/23/09 07:17:00
>
> [Non-text portions of this message have been removed]
>
>
>

Shane J. Wolfe
shanewolfe@...

[Non-text portions of this message have been removed]

25141. Splitting the data jack...

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:17:21 UTC
From: Shane J. Wolfe
Topic: 25141 Message: 25141

All

I have an 897D. I currently use an audio interface and a TNC via the data port on the back. I'd like to find a splitter so that I can use them without unhooking cables all of the time.

Has anyone where successfully used a "PS2" Y cable to split out the data jack? I don't want to use devices at the same time... I just want to "switch" between them without messing with the cables.

73,

Shane J. Wolfe
KV3SPA
Odenton, Maryland, USA
KV3SPA@...

25142. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:48:38 UTC
From: Jim
Topic: 25128 Message: 25142

How soon can you take it if you fail the first time?

Stewart Nelson wrote:
>
> I hope you tried it twice. You have never really failed until you
> take the test two times on the same day. Remeber, what you didn't
> pass think about it because your sure to have a question like it on
> the next test. I failed the test by one question the first time and
> passed it by one extra the next time. The VEs encouraged me, and I
> will be for ever thankful.
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Shane
> J. Wolfe" <shanewolfe@...> wrote:
> >
> > Wayne,
> >
> > You can use your privileges right away (you earned them!).
> >
> > When you do go into the Extra frequencies, be sure to identify your
> call sign with "Temporary Extra" if using phone... that way, someone
> doesn't yell at you if they look you up and see you listed as General.
> >
> > -Shane
> > KV3SPA (failed my Extra test on Friday).
> >
> >
> >
> >
> > On Monday, February 23, 2009, at 02:54PM, "wayne"
> <wayne_alan2000@...> wrote:
> > >Guys,
> > > I know its off the subject and i should know the answer
> but....
> > >
> > >Passed the extra Exam yesterday, do i have to wait for it to be
> posted
> > >in the FCC or can i use the extra portions of the band right away..
> > >
> > >Thanks
> > >M1EVK
> > >W5YNE
> > >
> > >
> >
>

>

25143. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 00:50:11 UTC
From: Shane J. Wolfe
Topic: 25128 Message: 25143

It all depends on the VE running the exam session.

In this area, if you get close, they will generally let you take it again right away. If you fail again, you can take it again at the next exam session.

On Feb 23, 2009, at 7:48 PM, Jim wrote:

> How soon can you take it if you fail the first time?
>
> Stewart Nelson wrote:
> >
> > I hope you tried it twice. You have never really failed until you
> > take the test two times on the same day. Remeber, what you didn't
> > pass think about it because your sure to have a question like it on
> > the next test. I failed the test by one question the first time and
> > passed it by one extra the next time. The VEs encouraged me, and I
> > will be for ever thankful.
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "Shane
> > J. Wolfe" <shanewolfe@...> wrote:
> > >
> > > Wayne,
> > >
> > > You can use your privileges right away (you earned them!).
> > >
> > > When you do go into the Extra frequencies, be sure to identify
> your
> > call sign with "Temporary Extra" if using phone... that way, someone
> > doesn't yell at you if they look you up and see you listed as
> General.
> > >
> > > -Shane
> > > KV3SPA (failed my Extra test on Friday).
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> > > On Monday, February 23, 2009, at 02:54PM, "wayne"
> > <wayne_alan2000@...> wrote:
> > > >Guys,
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> > but....
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> > > >Passed the extra Exam yesterday, do i have to wait for it to be

> > posted
> > > >in the FCC or can i use the extra portions of the band right
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> > > >
> > > >Thanks
> > > >M1EVK
> > > >W5YNE
> > > >
> > > >
> > >
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> >
>
>

Shane J. Wolfe
shanewolfe@...

[Non-text portions of this message have been removed]

25144. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 01:21:40 UTC
From: Joe
Topic: 25128 Message: 25144

FCC and ARRL guidelines say you can take it as often as you like, but...if you are retaking it after a fail, you **MUST** pay the $15.00 fee again, each 'retake'.

That gets confusing to some VE's, as it is also correct to say, if you come down and, say, (As happened last Saturday!) a fellow took his Tech, then his General, and then his Extra...passed them all...it only cost him the first $15.00.

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Jim" <liteways@...>
Subject: Re: [FT897] Re: General Question about the Extra licence

> How soon can you take it if you fail the first time?

25145. Re: [FT897] Splitting the data jack...

Yahoo group: FT897 (2009)
Date: 2009-02-24 01:28:07 UTC
From: DALE BLANCHARD
Topic: 25141 Message: 25145

----- Original Message -----
From: "Shane J. Wolfe" <shanewolfe@...>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 4:17:21 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Splitting the data jack...

All

I have an 897D. I currently use an audio interface and a TNC via the
data port on the back. I'd like to find a splitter so that I can use
them without unhooking cables all of the time.

Has anyone where successfully used a "PS2" Y cable to split out the
data jack? I don't want to use devices at the same time... I just
want to "switch" between them without messing with the cables.

73,

Shane J. Wolfe
KV3SPA
Odenton, Maryland, USA

I use a splitter on my radios with no problems .

Dale

Iuse one on my radios_,_._,___

[Non-text portions of this message have been removed]

25146. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 01:55:08 UTC
From: john
Topic: 25128 Message: 25146

OMG...we had that happen at the last VE session I worked a couple weeks ago...

John
N1XHZ

Joe wrote:
> FCC and ARRL guidelines say you can take it as often as you like, but...if
> you are retaking it after a fail, you **MUST** pay the $15.00 fee again,
> each 'retake'.
>
> That gets confusing to some VE's, as it is also correct to say, if you come
> down and, say, (As happened last Saturday!) a fellow took his Tech, then his
> General, and then his Extra...passed them all...it only cost him the first
> $15.00.
>
>
> Joe Wolfe
> WA6RKN
>
> ----- Original Message -----
> From: "Jim" <liteways@...>
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
>
>> How soon can you take it if you fail the first time?
>
>

25147. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 02:50:07 UTC
From: Stewart Nelson
Topic: 25128 Message: 25147

Mr. Wolf was correct on all points. You have to pay to take another test and if you are close I would certainly ask to take it over. The rules are that you can keep taking it over as long as you pay. If you pass one test you can take the next for free. If you found another group testing next week you could take it then. There is no waiting period. Waiting a couple of months can be really tough.

KD5LBE, Extra, VE

--- In FT897@yahoogroups.com, Jim <liteways@...> wrote:
>
> How soon can you take it if you fail the first time?
>
> Stewart Nelson wrote:
> >
> > I hope you tried it twice. You have never really failed until you
> > take the test two times on the same day. Remeber, what you didn't
> > pass think about it because your sure to have a question like it
on
> > the next test. I failed the test by one question the first time
and
> > passed it by one extra the next time. The VEs encouraged me, and I
> > will be for ever thankful.
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%
40yahoogroups.com>, "Shane
> > J. Wolfe" <shanewolfe@> wrote:
> > >
> > > Wayne,
> > >
> > > You can use your privileges right away (you earned them!).
> > >
> > > When you do go into the Extra frequencies, be sure to identify
your
> > call sign with "Temporary Extra" if using phone... that way,
someone
> > doesn't yell at you if they look you up and see you listed as
General.
> > >
> > > -Shane
> > > KV3SPA (failed my Extra test on Friday).
> > >
> > >
> > >
> > >

> > > On Monday, February 23, 2009, at 02:54PM, "wayne"
> > <wayne_alan2000@> wrote:
> > > >Guys,
> > > > I know its off the subject and i should know the answer
> > but....
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> > > >Passed the extra Exam yesterday, do i have to wait for it to be
> > posted
> > > >in the FCC or can i use the extra portions of the band right
away..
> > > >
> > > >Thanks
> > > >M1EVK
> > > >W5YNE
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25148. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 03:35:40 UTC
From: Jim
Topic: 25128 Message: 25148

I think when I got my Novice and Advanced, if you missed it, you had to wait a month to take it over again. I never had general, went from Novice to Advanced, but it took a couple of times to get the 13 wpm code test. Back then the only difference between the Advanced and Extra exam was the 20 wpm code test. The written part was the same, so I don't understand why they didn't make the advanced an extra when they eliminated some of the license classes and grandfathered others. I've taken several of the on line tests, and the scores have been between 81 to 90 %. What is the percent I need to get on the real test?

Stewart Nelson wrote:
>
> Mr. Wolf was correct on all points. You have to pay to take another
> test and if you are close I would certainly ask to take it over. The
> rules are that you can keep taking it over as long as you pay. If
> you pass one test you can take the next for free. If you found
> another group testing next week you could take it then. There is no
> waiting period. Waiting a couple of months can be really tough.
>
> KD5LBE, Extra, VE
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> <liteways@...> wrote:
> >
> > How soon can you take it if you fail the first time?
> >
> > Stewart Nelson wrote:
> > >
> > > I hope you tried it twice. You have never really failed until you
> > > take the test two times on the same day. Remeber, what you didn't
> > > pass think about it because your sure to have a question like it
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> > > the next test. I failed the test by one question the first time
> and
> > > passed it by one extra the next time. The VEs encouraged me, and I
> > > will be for ever thankful.
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%
> 40yahoogroups.com>, "Shane
> > > J. Wolfe" <shanewolfe@> wrote:
> > > >
> > > > Wayne,
> > > >
> > > > You can use your privileges right away (you earned them!).

> > > >
> > > > When you do go into the Extra frequencies, be sure to identify
> your
> > > call sign with "Temporary Extra" if using phone... that way,
> someone
> > > doesn't yell at you if they look you up and see you listed as
> General.
> > > >
> > > > -Shane
> > > > KV3SPA (failed my Extra test on Friday).
> > > >
> > > >
> > > >
> > > >
> > > > On Monday, February 23, 2009, at 02:54PM, "wayne"
> > > <wayne_alan2000@> wrote:
> > > > >Guys,
> > > > > I know its off the subject and i should know the answer
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> > > > >Passed the extra Exam yesterday, do i have to wait for it to be
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> > > > >in the FCC or can i use the extra portions of the band right
> away..
> > > > >
> > > > >Thanks
> > > > >M1EVK
> > > > >W5YNE
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25149. RE: [FT897] Splitting the data jack...

Yahoo group: FT897 (2009)
Date: 2009-02-24 05:51:16 UTC
From: Eric van de Weyer
Topic: 25141 Message: 25149

Hi Shane,

A computer keyboard/mouse splitter is unlikely to work as the two devices use different pins.

Why don't you just make yourself up a little switch box to toggle between the two different cables? I have often doe this sort of thing when I want to use, say, two different mics into the mic input or similar.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Shane J. Wolfe
Sent: Tuesday, 24 February 2009 11:17
To: FT897@yahoogroups.com
Subject: [FT897] Splitting the data jack...

All

I have an 897D. I currently use an audio interface and a TNC via the data port on the back. I'd like to find a splitter so that I can use them without unhooking cables all of the time.

Has anyone where successfully used a "PS2" Y cable to split out the data jack? I don't want to use devices at the same time... I just want to "switch" between them without messing with the cables.

73,

Shane J. Wolfe
KV3SPA
Odenton, Maryland, USA
KV3SPA@...

Yahoo! Groups Links

25151. Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-23 11:57:44 UTC
From: rainbow_radio_league
Topic: 25151 Message: 25151

There is a continuous hum, not very loud, while TX in the FM mode. The equipment is properly grounded to an independent earth. We have tried isolating all other devices in the QTH including lights and even the fridge, but the hum still persists.

I am wondering if it could be the internal cooling fans that is causing the hum. If that could be the problem , how can the hum be removed ?

Your assistance is appreciated.

Don J88CD

25152. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-23 23:05:57 UTC
From: Robert
Topic: 25128 Message: 25152

Here are the corrected suggestions:

1) learn to sight recognize the right answer to the question
2) sometimes the wrong answer choices give away the correct answer
3) pick a term or (combination of words or letters) in the question and some corresponding term (or combination of words or letters) in the answer that lets you quickly sight recognize the answer.
4) study the whole question pool everday. Concentrate on the questions that you regularly miss and think of a creative way to remember the answer.
5) Be confident in your ability and walk right into the exam room and own the room and the exam.

Do the above, and you too can get all of the answers correct in the Technician, General, and Extra Class examinations.

Believe it...or believe it.

From: Bruce Krell <BKrell@...>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 2:39:00 PM
Subject: RE: [FT897] Re: General Question about the Extra licence

Shane,

Don't be intimidated and don't give up.

The Amateur Extra exam requires a wide range of knowledge about a wide
range of topics including transistor electronocs. computer engineering, GPS,
Radar, Ship and Aircraft
radios, and even vacuum tubes -- large commercial stations use them so you
still
need to know about them.

Frankly, having an EE degree and even some experience is only a minor
advantage
in taking the exam. The technical topics are so broad that the EE degree
really
doesn't give you that much advantage.

For instance, I'm a sofware geek, but I built software for a lot of the
systems
that you have to know, taught computer engineering, and had a lot of
practical
hands-on experience. That is the background that really helps. If you've
done
a lot of radio building and operating, you are also much better prepared.

Here are some suggestions:
learn to sight recognize the right answer to the question
don't bother studying the wrong answers -- the distractors -- they
will only waste your time and energy
pick a term in the question and some corresponding term in the answer
that lets you quickly sight recognize the answer.
study the whole question pool.

While the practice exams are OK, if you are not studying the question pool
and the right answers, it will really take you a long time.

Bruce Krell
AE6VG

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of
Shane J. Wolfe
Sent: Monday, February 23, 2009 2:18 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: General Question about the Extra licence

I missed it by a long shot this time around, so they wouldn't let me take
it a 2nd time.

Not giving up by any means. I don't feel so bad though because an
electrical engineer failed it by just as many questions as me.

I'll keep trying!

Hi Hi

Shane
KV3SPA

On Monday, February 23, 2009, at 04:09PM, "Stewart Nelson"
<morriltonmayor@ sbcglobal. net> wrote:
>I hope you tried it twice. You have never really failed until you
>take the test two times on the same day. Remeber, what you didn't
>pass think about it because your sure to have a question like it on
>the next test. I failed the test by one question the first time and
>passed it by one extra the next time. The VEs encouraged me, and I
>will be for ever thankful.
>
>
>--- In FT897@yahoogroups. com, "Shane J. Wolfe" <shanewolfe@ ...> wrote:
>>
>> Wayne,
>>
>> You can use your privileges right away (you earned them!).
>>
>> When you do go into the Extra frequencies, be sure to identify your
>call sign with "Temporary Extra" if using phone... that way, someone
>doesn't yell at you if they look you up and see you listed as General.

>>
>> -Shane
>> KV3SPA (failed my Extra test on Friday).
>>
>>
>>
>>
>> On Monday, February 23, 2009, at 02:54PM, "wayne"
><wayne_alan2000@ ...> wrote:
>> >Guys,
>> > I know its off the subject and i should know the answer
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>> >
>> >Passed the extra Exam yesterday, do i have to wait for it to be
>posted
>> >in the FCC or can i use the extra portions of the band right away..
>> >
>> >Thanks
>> >M1EVK
>> >W5YNE
>> >
>> >
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>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25153. My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-23 17:20:04 UTC
From: fxrcurt
Topic: 25153 Message: 25153

Hi all,

Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been totally enjoying my mobile and hand held radios mostly on 2m repeaters. I've joined the local ham(repeater)club and have been making ham friends in my new town of Harrison, Arkansas. Close to the center of the USA. I'm pretty darn close to sending my first CW CQ and I intend on becoming fully proficient in morse code.

Well, it's time to get my first HF rig and move my current base rig(a Yeasu FT-7800R mobile)into our other vehicle. So as you can expect, I'm going to still need at least some VHF 2m capabilities and would like UHF since there are more and more 430 repeaters going up all around. Offerings in a DC to Daylight rig for my price range look like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the three Yeasus that do HF thru 70cm. You know I live in tornado, ice storm and general bad weather land so the option of also having a "grab and go" emergency rig would probably be a good idea.
I have made my mind up and changed it several times trying to make a decision. I don't mind Yaesus. I always want more and the FT-450 and FT-950 have been creeping into first place because of the HF bells and whistles but I seem to default back to the FT-897D for its versatility.
One more thing and I'll stop. I'm studying for my General and will eventually make Extra class(knock knock). I will be getting a good paddle and keyer and plan on spending a LOT of time on CW.
So..... I'm trying to cover a lot of bases here and wanted to ask "Does it sound like the FT-897D is the "best choice" first HF radio given my circumstances?"
Thanks,
Curtis

25154. MODERATOR MESSAGE: MEMBERS PSE READ

Yahoo group: FT897 (2009)
Date: 2009-02-24 06:24:30 UTC
From: w4wb
Topic: 25154 Message: 25154

Folks,

Kindly cease the thread on 27 MHz or CB operation.

Limit the discussion to the proper usage of the FT-897/D please.

Tnx es 73 de Barry W4WB, Moderator

25155. Re: [FT897] Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 06:44:53 UTC
From: "Glenn (KØBO)"
Topic: 25151 Message: 25155

rainbow_radio_league wrote:
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
> tried isolating all other devices in the QTH including lights and even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
Is your power supply clean enough? Large enough?

Try turning your power down as low as possible and test it simplex and not through a repeater.

Put an AC volt meter on you DC output of your supply. Should be < .1v but really should be nothing.

25156. Re: [FT897] Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-24 08:29:58 UTC
From: scott martin
Topic: 25002 Message: 25156

I'm with Augusta County Fire and Rescue. Love my job. I couldn't see me doing anything else. Just sorry it took so long for me to figure out what I wanted to do. I am in Iraq now but, looking forward to getting back to the ol' job

Scott Martin(ki4msj)
FireFighter/EMT
US Army MP/CLS

--- On Thu, 2/19/09, Craig <kc0kp@...> wrote:

From: Craig <kc0kp@...>
Subject: [FT897] Re: Problems with ATAS 120
To: FT897@yahoogroups.com
Date: Thursday, February 19, 2009, 2:17 PM

Shhhhhhhhhhhhhhh, already too many people want our job......

73s,
Craig
VP Local 858 IAFF

--- In FT897@yahoogroups. com, "gardfire5" <gardfire5@. ..> wrote:

> I was able to pull my car into the
> station (Great thing about being a union fire fighter:) I was able
to
> clean my K400C and realized that the wire leading into my car had
the
> wires exposed. I will need to replace that part of the antenna mount

[Non-text portions of this message have been removed]

25157. Re: [FT897] Hum during TX in FM mode(Check "TEN")

Yahoo group: FT897 (2009)
Date: 2009-02-24 09:02:08 UTC
From: kc3vo@aol.com
Topic: 25157 Message: 25157

It is possible that the "HUM" is normal, if the subaudible, or "PL" TONE is engaged. ("TEN" is ON)--This enables transmitting a low-level tone, of selectable frequency, during transmit, to operate a corresponding tone detection circuit in a receiver. These tones normally are between 60 and 300 HZ.-73, KC3VO, Bob C.

**********Get a jump start on your taxes. Find a tax professional in your neighborhood today.
(http://yellowpages.aol.com/search?query=Tax+Return+Preparation+%26+Filing&ncid=emlcntusyelp00000004)

[Non-text portions of this message have been removed]

25158. Re: [FT897] Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 11:28:40 UTC
From: P Grant
Topic: 25151 Message: 25158

Disconnect the fan for a few minutes, Peter EI4HX
----- Original Message -----
From: rainbow_radio_league
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 11:57 AM
Subject: [FT897] Hum during TX in FM mode

There is a continuous hum, not very loud, while TX in the FM mode.
The equipment is properly grounded to an independent earth. We have
tried isolating all other devices in the QTH including lights and even
the fridge, but the hum still persists.

I am wondering if it could be the internal cooling fans that is
causing the hum. If that could be the problem , how can the hum be
removed ?

Your assistance is appreciated.

Don J88CD

[Non-text portions of this message have been removed]

25159. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 11:35:11 UTC
From: wayne
Topic: 25128 Message: 25159

To pass the Extra there are 50 questions of which you need at least 37 correct, so thats 74%

W5yne

25160. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 12:27:49 UTC
From: Jim
Topic: 25128 Message: 25160

Thanks, Wayne. The lowest I've scored on the on line tests is 80%.
I've been able to do most of the math in my head by remembering from
school days that one of the right triangles sides just happens to be
called a 3, 4, 5 right triangle, where the sides of the triangle are 3,
4 and 5, because 3 x 3 , plus 4 x4 = 25, so the hypotenuse must be the
sqrt of 25 which is 5. I've used that formula to build temporary a
temporary square in the past. And those numbers seem to come up on
tests every so often.

wayne wrote:
>
> To pass the Extra there are 50 questions of which you need at least 37
> correct, so thats 74%
>
> W5yne
>
>

25161. Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 14:35:12 UTC
From: Ken Bandy
Topic: 25151 Message: 25161

What microphone are you using? I have a similar problem when using a
Heil headset with their adapter.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "rainbow_radio_league"
<rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
> tried isolating all other devices in the QTH including lights and even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
> Your assistance is appreciated.
>
> Don J88CD
>

25162. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 14:40:58 UTC
From: Harold Burton
Topic: 25128 Message: 25162

I have a way to go, of two Expert practice tests I tried yesterday, the best
I did was 64%. I need to
get on top of some of the test math formulae.

Harold
KD5SAK

----- Original Message -----
From: "wayne" <wayne_alan2000@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, February 24, 2009 5:35 AM
Subject: [FT897] Re: General Question about the Extra licence

> To pass the Extra there are 50 questions of which you need at least 37
> correct, so thats 74%
>
> W5yne
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

25163. Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 14:43:54 UTC
From: ki6jwb
Topic: 25151 Message: 25163

It could be a ground loop of some kind. Go to an unused frequency, get another radio with headphones, xmit and do a wire-wiggle check. Check all connections. Most likely the one that cuts in and out while you wiggle it, is the one with the problem.

--- In FT897@yahoogroups.com, "rainbow_radio_league" <rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
> tried isolating all other devices in the QTH including lights and even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
> Your assistance is appreciated.
>
> Don J88CD
>

25164. RE: [FT897] Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 17:24:08 UTC
From: Bruce Krell
Topic: 25151 Message: 25164

Don,

What's a wire wiggle test?

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of ki6jwb
Sent: Tuesday, February 24, 2009 6:44 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Hum during TX in FM mode

It could be a ground loop of some kind. Go to an unused frequency, get another radio with headphones, xmit and do a wire-wiggle check. Check all connections. Most likely the one that cuts in and out while you wiggle it, is the one with the problem.

--- In FT897@yahoogroups.com, "rainbow_radio_league" <rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
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> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
> Your assistance is appreciated.
>
> Don J88CD
>

[Non-text portions of this message have been removed]

25165. Re: [FT897] Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 17:36:03 UTC
From: Jim Webster
Topic: 25151 Message: 25165

Wall warts can also cause noise as well as certain types of lighting. Do you have any is use when you are transmitting?
Jim KI6PYZ

From: rainbow_radio_league <rainbow_radio_league@yahoo.com>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 3:57:44 AM
Subject: [FT897] Hum during TX in FM mode

There is a continuous hum, not very loud, while TX in the FM mode.
The equipment is properly grounded to an independent earth. We have
tried isolating all other devices in the QTH including lights and even
the fridge, but the hum still persists.

I am wondering if it could be the internal cooling fans that is
causing the hum. If that could be the problem , how can the hum be
removed ?

Your assistance is appreciated.

Don J88CD

[Non-text portions of this message have been removed]

25166. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 17:39:57 UTC
From: Jim Webster
Topic: 25153 Message: 25166

The 897D was my first rig and does a nice job. Lots of capabilities.
Jim KI6PYZ

From: fxrcurt <fxrcurt@...>
To: FT897@yahoogroups.com
Sent: Monday, February 23, 2009 9:20:04 AM
Subject: [FT897] My rig plans

Hi all,

Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been totally enjoying my mobile and hand held radios mostly on 2m repeaters. I've joined the local ham(repeater) club and have been making ham friends in my new town of Harrison, Arkansas. Close to the center of the USA. I'm pretty darn close to sending my first CW CQ and I intend on becoming fully proficient in morse code.

Well, it's time to get my first HF rig and move my current base rig(a Yeasu FT-7800R mobile)into our other vehicle. So as you can expect, I'm going to still need at least some VHF 2m capabilities and would like UHF since there are more and more 430 repeaters going up all around. Offerings in a DC to Daylight rig for my price range look like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the three Yeasus that do HF thru 70cm. You know I live in tornado, ice storm and general bad weather land so the option of also having a "grab and go" emergency rig would probably be a good idea.
I have made my mind up and changed it several times trying to make a decision. I don't mind Yaesus. I always want more and the FT-450 and FT-950 have been creeping into first place because of the HF bells and whistles but I seem to default back to the FT-897D for its versatility.
One more thing and I'll stop. I'm studying for my General and will eventually make Extra class(knock knock). I will be getting a good paddle and keyer and plan on spending a LOT of time on CW.
So..... I'm trying to cover a lot of bases here and wanted to ask "Does it sound like the FT-897D is the "best choice" first HF radio given my circumstances? "
Thanks,
Curtis

[Non-text portions of this message have been removed]

25167. Re: Problems with ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-02-24 17:48:47 UTC
From: gardfire5
Topic: 25002 Message: 25167

I am working in Gardiner Maine. I was lucky I started shortly after high school. Do you have access to any ham gear in the sand box? I have heard afew people having ham radio gear set up over there. Stay safe and let me know when you get back we'll have to setup a QSO. Take care bro.
Patrick KB1QVJ

--- In FT897@yahoogroups.com, scott martin <ki4msj@...> wrote:
>
> I'm with Augusta County Fire and Rescue. Love my job. I couldn't see me doing anything else. Just sorry it took so long for me to figure out what I wanted to do. I am in Iraq now but, looking forward to getting back to the ol' job
>
>
> Scott Martin(ki4msj)
> FireFighter/EMT
> US Army MP/CLS
>
> --- On Thu, 2/19/09, Craig <kc0kp@...> wrote:
>
> From: Craig <kc0kp@...>
> Subject: [FT897] Re: Problems with ATAS 120
> To: FT897@yahoogroups.com
> Date: Thursday, February 19, 2009, 2:17 PM
>
>
>
>
>
>
>
> Shhhhhhhhhhhhhhh, already too many people want our job......
>
> 73s,
> Craig
> VP Local 858 IAFF
>
> --- In FT897@yahoogroups. com, "gardfire5" <gardfire5@ ..> wrote:
>
> > I was able to pull my car into the
> > station (Great thing about being a union fire fighter:) I was able
> to
> > clean my K400C and realized that the wire leading into my car had
> the

> > wires exposed. I will need to replace that part of the antenna
mount
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> [Non-text portions of this message have been removed]
>

25168. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 19:21:15 UTC
From: Curtis Popke
Topic: 25153 Message: 25168

Hi Jim,
And thanks. I guess i have it narrowed down to 160 thru 70cm but the grab and go idea (mainly portable battery option) may be keeping from some slightly nicer HF radios. I'm so close to buying the 897D but if you could do it again, would you opt for say the IC-7000, MkIIG, or even Kenwood TS-2000 given what you know now?
Thanks for responding.
Curtis
N5FXR

From: Jim Webster <jwbstr33@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 11:39:57 AM
Subject: Re: [FT897] My rig plans

The 897D was my first rig and does a nice job. Lots of capabilities.
Jim KI6PYZ

From: fxrcurt <fxrcurt@yahoo. com>
To: FT897@yahoogroups. com
Sent: Monday, February 23, 2009 9:20:04 AM
Subject: [FT897] My rig plans

Hi all,

Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been totally enjoying my mobile and hand held radios mostly on 2m repeaters. I've joined the local ham(repeater) club and have been making ham friends in my new town of Harrison, Arkansas. Close to the center of the USA. I'm pretty darn close to sending my first CW CQ and I intend on becoming fully proficient in morse code.

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I have made my mind up and changed it several times trying to make a decision. I don't mind Yaesus. I always want more and the FT-450 and FT-950 have been creeping into first place because of the HF bells and whistles but I seem to default back to the FT-897D for its

versatility.
One more thing and I'll stop. I'm studying for my General and will eventually make Extra class(knock knock). I will be getting a good paddle and keyer and plan on spending a LOT of time on CW.
So..... I'm trying to cover a lot of bases here and wanted to ask "Does it sound like the FT-897D is the "best choice" first HF radio given my circumstances? "
Thanks,
Curtis

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25169. Re: [FT897] Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 19:56:26 UTC
From: Peter Robinson
Topic: 25151 Message: 25169

A physical test where you start by moving the case gently and then a bit more vigorously. You listen to detect any broken signals or other changes, intermittencies etc. Subsequently you try 'waggling' individual wires to see if any of them produce these effects. You would also try pushing all connectors home and where appropriate, rotate them in their housings. etc etc Basically you are looking for any mechanical weaknesses or instabilities.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: Bruce Krell
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 5:24 PM
Subject: RE: [FT897] Re: Hum during TX in FM mode

Don,

What's a wire wiggle test?

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of ki6jwb
Sent: Tuesday, February 24, 2009 6:44 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Hum during TX in FM mode

It could be a ground loop of some kind. Go to an unused frequency, get another radio with headphones, xmit and do a wire-wiggle check. Check all connections. Most likely the one that cuts in and out while you wiggle it, is the one with the problem.

--- In FT897@yahoogroups.com, "rainbow_radio_league" <rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
> tried isolating all other devices in the QTH including lights and even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>

> Your assistance is appreciated.
>
> Don J88CD
>

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.3/1969 - Release Date: 02/24/09 06:43:00

[Non-text portions of this message have been removed]

25170. Fwd: [FT897] TX Hum in FM mode(Check "TEN",Tone Encode)

Yahoo group: FT897 (2009)
Date: 2009-02-24 20:10:09 UTC
From: kc3vo@aol.com
Topic: 25157 Message: 25170

Have you yet made the check, to see if the "Subaudible Tone" -is off?
This low frequency tone is user selectable, for frequency and useage.
(Normally it is only selected if you desire to open the "Tone Squelch"
on a distant receiver/repeater. If activated, it does impart a
low-level "HUM" to the transmitted signal, and ONLY IN F.M. MODE-your
situation!-- Have you determined the frequency of your mysterious HUM?
Does it change volume or pitch?-73, KC3VO

-----Original Message-----
From: KC3VO@...
To: FT897@yahoogroups.com
Sent: Tue, 24 Feb 2009 4:02 am
Subject: Re: [FT897] Hum during TX in FM mode(Check "TEN")

It is possible that the "HUM" is normal, if the subaudible, or "PL"
 TONE is engaged. ("TEN" is ON)--This enables transmitting a low-level
tone, of selectable frequency, during transmit, to operate a
corresponding tone detection circuit in a receiver. These tones
normally are between 60 and 300 HZ.-73, KC3VO, Bob C.

Get a jump start on your taxes. Find a tax professional in your
neighborhood today.

25171. Re: [FT897] Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-24 20:59:33 UTC
From: eric@van-de-weyer.org
Topic: 25151 Message: 25171

Hi Don,

it is most likely that you have CTCSS switched on. This will show as either
TEN (Tone ENcode) or TSQ (Tone SQuelch) on the display. If you don't need
the CTCSS, switch it off. If you do, then learn to put up with it. By default,
the tone will be the lowest frequency one which is 67Hz.

We have it here in Sydney on our local repeaters using 123Hz.

73....Eric VK2VE.

>-- Original Message --
>To: <FT897@yahoogroups.com>
>From: "Peter Robinson" <peter@...>
>Date: Tue, 24 Feb 2009 19:56:26 -0000
>Subject: Re: [FT897] Re: Hum during TX in FM mode
>Reply-To: FT897@yahoogroups.com
>
>
>A physical test where you start by moving the case gently and then a bit
>more vigorously. You listen to detect any broken signals or other changes,
>intermittencies etc. Subsequently you try 'waggling' individual wires to
>see if any of them produce these effects. You would also try pushing all
>connectors home and where appropriate, rotate them in their housings. etc
>etc Basically you are looking for any mechanical weaknesses or instabilities.
>
>73 de Peter - G?FIM / AA3JN
>
>The optimist proclaims that we live in the best of all possible worlds.
The
>pessimist fears that this is true.
>
> ----- Original Message -----
> From: Bruce Krell
> To: FT897@yahoogroups.com
> Sent: Tuesday, February 24, 2009 5:24 PM
> Subject: RE: [FT897] Re: Hum during TX in FM mode
>
>
>
> Don,
>
> What's a wire wiggle test?
>
> Bruce Krell, AE6VG
>
> -----Original Message-----

> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
> ki6jwb
> Sent: Tuesday, February 24, 2009 6:44 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Hum during TX in FM mode
>
> It could be a ground loop of some kind. Go to an unused frequency, get
> another radio with headphones, xmit and do a wire-wiggle check. Check
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> --- In FT897@yahoogroups.com, "rainbow_radio_league"
> <rainbow_radio_league@...> wrote:
> >
> > There is a continuous hum, not very loud, while TX in the FM mode.
> > The equipment is properly grounded to an independent earth. We have
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> > the fridge, but the hum still persists.
> >
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> > causing the hum. If that could be the problem , how can the hum be
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> >
> > Your assistance is appreciated.
> >
> > Don J88CD
> >
>
> [Non-text portions of this message have been removed]
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>--
>
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>06:43:00
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>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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25172. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 23:05:31 UTC
From: Isser Rubelow
Topic: 25153 Message: 25172

Curtis,

I've been having the EXACT same dilemma. The portability really appeals to me but I've also changed my mind a bunch of times. I was wondering though how difficult it is to swap out the internal power supply with the batteries.

73
Isser
KC2UKW
----- Original Message -----
From: Curtis Popke
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 2:21 PM
Subject: Re: [FT897] My rig plans

Hi Jim,
And thanks. I guess i have it narrowed down to 160 thru 70cm but the grab and go idea (mainly portable battery option) may be keeping from some slightly nicer HF radios. I'm so close to buying the 897D but if you could do it again, would you opt for say the IC-7000, MkIIG, or even Kenwood TS-2000 given what you know now?
Thanks for responding.
Curtis
N5FXR

From: Jim Webster <jwbstr33@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 11:39:57 AM
Subject: Re: [FT897] My rig plans

The 897D was my first rig and does a nice job. Lots of capabilities.
Jim KI6PYZ

From: fxrcurt <fxrcurt@yahoo. com>
To: FT897@yahoogroups. com
Sent: Monday, February 23, 2009 9:20:04 AM
Subject: [FT897] My rig plans

Hi all,

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One more thing and I'll stop. I'm studying for my General and will eventually make Extra class(knock knock). I will be getting a good paddle and keyer and plan on spending a LOT of time on CW.
So..... I'm trying to cover a lot of bases here and wanted to ask "Does it sound like the FT-897D is the "best choice" first HF radio given my circumstances? "
Thanks,
Curtis

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25173. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 23:34:46 UTC
From: Dooley Buckner
Topic: 25153 Message: 25173

I went portable this weekend with one of my FT-897D's, FNB-78s and the Buddistick. Outstanding combo, and I will never look back. I have 2 FT-897D's I use in the base role, but have added the batteries and soon the power supply. I can take either of the bases portable and go anywhere.

Personally, I can afford to purchase any radio I want, and while the others listed are great and have different features, I wanted multiple moble radios, that could take the batteries and addition accessories, but could also work the base role. Plus, I plan on taking one FT-897D portable with me for my next tour in Iraq. That was the selling point, portable, portable accessories, rugged, ...period.

Buck
KJ4CRU

_____
From: Isser Rubelow <irubelow@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 6:05:31 PM
Subject: Re: [FT897] My rig plans

Curtis,

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Isser
KC2UKW
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To: FT897@yahoogroups. com
Sent: Tuesday, February 24, 2009 2:21 PM
Subject: Re: [FT897] My rig plans

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Thanks for responding.
Curtis
N5FXR

_____ _____ _____ __
From: Jim Webster <jwbstr33@verizon. net>
To: FT897@yahoogroups. com

Sent: Tuesday, February 24, 2009 11:39:57 AM
Subject: Re: [FT897] My rig plans

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Jim KI6PYZ

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To: FT897@yahoogroups. com
Sent: Monday, February 23, 2009 9:20:04 AM
Subject: [FT897] My rig plans

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Curtis

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

25174. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 23:39:00 UTC
From: Ruben Navarrete Galvan
Topic: 25153 Message: 25174

I do have an FT857D for my Jeep and FT897D (w/AT897 tuner) for my shack. I frequently take my 897D on trips and power it from different sources:

- Internal PSU in my shack (works great)
- 12volt, 7amph battery, works great under 30 watts for portable setup.
- Connected to a small portable generator from kawazaky (only 550VA) with the internal PSU under 40 watts. This works great for several hours. I have tried this from the 12 volt outlet from my generator but doesn't work that well.

Great radio... I have used both radios it in harsh environments (humidity, dust, shocks) and they keep working great !!.

Ruben, XE1TRY

At 05:05 p.m. 24/02/2009, Isser Rubelow wrote:
>Curtis,
>
>I've been having the EXACT same dilemma. The portability really
>appeals to me but I've also changed my mind a bunch of times. I was
>wondering though how difficult it is to swap out the internal power
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>73
>Isser
>KC2UKW
> ----- Original Message -----
> From: Curtis Popke
> To: FT897@yahoogroups.com
> Sent: Tuesday, February 24, 2009 2:21 PM
> Subject: Re: [FT897] My rig plans
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> And thanks. I guess i have it narrowed down to 160 thru 70cm but
> the grab and go idea (mainly portable battery option) may be
> keeping from some slightly nicer HF radios. I'm so close to buying
> the 897D but if you could do it again, would you opt for say the
> IC-7000, MkIIG, or even Kenwood TS-2000 given what you know now?
> Thanks for responding.
> Curtis
> N5FXR
>
> _____
> From: Jim Webster <jwbstr33@...>
> To: FT897@yahoogroups.com

> Sent: Tuesday, February 24, 2009 11:39:57 AM
> Subject: Re: [FT897] My rig plans
>
> The 897D was my first rig and does a nice job. Lots of capabilities.
> Jim KI6PYZ
>
> _____ _____ _____ __
> From: fxrcurt <fxrcurt@yahoo. com>
> To: FT897@yahoogroups. com
> Sent: Monday, February 23, 2009 9:20:04 AM
> Subject: [FT897] My rig plans
>
> Hi all,
>
> Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been
> totally enjoying my mobile and hand held radios mostly on 2m
> repeaters. I've joined the local ham(repeater) club and have been
> making ham friends in my new town of Harrison, Arkansas. Close to the
> center of the USA. I'm pretty darn close to sending my first CW CQ
> and I intend on becoming fully proficient in morse code.
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> Well, it's time to get my first HF rig and move my current base rig(a
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> I'm going to still need at least some VHF 2m capabilities and would
> like UHF since there are more and more 430 repeaters going up all
> around. Offerings in a DC to Daylight rig for my price range look
> like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the
> three Yeasus that do HF thru 70cm. You know I live in tornado, ice
> storm and general bad weather land so the option of also having
> a "grab and go" emergency rig would probably be a good idea.
> I have made my mind up and changed it several times trying to make a
> decision. I don't mind Yaesus. I always want more and the FT-450 and
> FT-950 have been creeping into first place because of the HF bells
> and whistles but I seem to default back to the FT-897D for its
> versatility.
> One more thing and I'll stop. I'm studying for my General and will
> eventually make Extra class(knock knock). I will be getting a good
> paddle and keyer and plan on spending a LOT of time on CW.
> So..... I'm trying to cover a lot of bases here and wanted to
> ask "Does it sound like the FT-897D is the "best choice" first HF
> radio given my circumstances? "
> Thanks,
> Curtis
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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25175. Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-25 01:57:49 UTC
From: Craig
Topic: 25151 Message: 25175

--- In FT897@yahoogroups.com, "rainbow_radio_league"
<rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We
have
> tried isolating all other devices in the QTH including lights and
even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
> Your assistance is appreciated.
>
> Don J88CD
>
Are you running tone on transmit? Even though it is supposed to be
subaudible, the lower tone frequencies like 100.0 and 88.3 can sound
like AC main hum. That would explain why it only happens on FM.
Craig

25176. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-25 03:25:25 UTC
From: Jim
Topic: 25153 Message: 25176

You need to think about how you are going to use the rig. It is a very nice portable unit, however, there are 80 some odd menu options that you need to change while you are operating and a small screen. So, for a main rig, something with more buttons and less menus might not be a bad idea. I ended up with an FT 897D for a back up/portable unit and an ICOM IC 756PRO for the main rig. There is a big difference in listening pleasure between the two.

Curtis Popke wrote:
>
> Hi Jim,
> And thanks. I guess i have it narrowed down to 160 thru 70cm but the
> grab and go idea (mainly portable battery option) may be keeping from
> some slightly nicer HF radios. I'm so close to buying the 897D but if
> you could do it again, would you opt for say the IC-7000, MkIIG, or
> even Kenwood TS-2000 given what you know now?
> Thanks for responding.
> Curtis
> N5FXR
>
> _____
> From: Jim Webster <jwbstr33@... <mailto:jwbstr33%40verizon.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tuesday, February 24, 2009 11:39:57 AM
> Subject: Re: [FT897] My rig plans
>
> The 897D was my first rig and does a nice job. Lots of capabilities.
> Jim KI6PYZ
>
> _____ _____ _____ __
> From: fxrcurt <fxrcurt@yahoo. com>
> To: FT897@yahoogroups. com
> Sent: Monday, February 23, 2009 9:20:04 AM
> Subject: [FT897] My rig plans
>
> Hi all,
>
> Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been
> totally enjoying my mobile and hand held radios mostly on 2m
> repeaters. I've joined the local ham(repeater) club and have been
> making ham friends in my new town of Harrison, Arkansas. Close to the
> center of the USA. I'm pretty darn close to sending my first CW CQ
> and I intend on becoming fully proficient in morse code.
>
> Well, it's time to get my first HF rig and move my current base rig(a

> Yeasu FT-7800R mobile)into our other vehicle. So as you can expect,
> I'm going to still need at least some VHF 2m capabilities and would
> like UHF since there are more and more 430 repeaters going up all
> around. Offerings in a DC to Daylight rig for my price range look
> like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the
> three Yeasus that do HF thru 70cm. You know I live in tornado, ice
> storm and general bad weather land so the option of also having
> a "grab and go" emergency rig would probably be a good idea.
> I have made my mind up and changed it several times trying to make a
> decision. I don't mind Yaesus. I always want more and the FT-450 and
> FT-950 have been creeping into first place because of the HF bells
> and whistles but I seem to default back to the FT-897D for its
> versatility.
> One more thing and I'll stop. I'm studying for my General and will
> eventually make Extra class(knock knock). I will be getting a good
> paddle and keyer and plan on spending a LOT of time on CW.
> So..... I'm trying to cover a lot of bases here and wanted to
> ask "Does it sound like the FT-897D is the "best choice" first HF
> radio given my circumstances? "
> Thanks,
> Curtis
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

25177. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-25 03:51:08 UTC
From: flhtci97
Topic: 25153 Message: 25177

Hey Buck,

Glad to hear the batteries are working for you and you're giving them some exercise.

You mentioned getting the internal supply for the 897. If you want to get the FP-30, Gigaparts has them for $189.00 if you order while they are out of stock.

73 de Ed N0EHQ

--- In FT897@yahoogroups.com, Dooley Buckner <buckxo@...> wrote:
>
> I went portable this weekend with one of my FT-897D's, FNB-78s and the Buddistick. Outstanding combo, and I will never look back. I have 2 FT-897D's I use in the base role, but have added the batteries and soon the power supply. I can take either of the bases portable and go anywhere.
>
> Personally, I can afford to purchase any radio I want, and while the others listed are great and have different features, I wanted multiple moble radios, that could take the batteries and addition accessories, but could also work the base role. Plus, I plan on taking one FT-897D portable with me for my next tour in Iraq. That was the selling point, portable, portable accessories, rugged, ...period.
>
> Buck
> KJ4CRU
>
>
>
>
> _____
> From: Isser Rubelow <irubelow@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, February 24, 2009 6:05:31 PM
> Subject: Re: [FT897] My rig plans
>
>
> Curtis,
>
> I've been having the EXACT same dilemma. The portability really appeals to me but I've also changed my mind a bunch of times. I was wondering though how difficult it is to swap out the internal power supply with the batteries.

>
> 73
> Isser
> KC2UKW
> ----- Original Message -----
> From: Curtis Popke
> To: FT897@yahoogroups. com
> Sent: Tuesday, February 24, 2009 2:21 PM
> Subject: Re: [FT897] My rig plans
>
> Hi Jim,
> And thanks. I guess i have it narrowed down to 160 thru 70cm but
the grab and go idea (mainly portable battery option) may be keeping
from some slightly nicer HF radios. I'm so close to buying the 897D
but if you could do it again, would you opt for say the IC-7000,
MkIIG, or even Kenwood TS-2000 given what you know now?
> Thanks for responding.
> Curtis
> N5FXR
>
> _____ _____ _____ __
> From: Jim Webster <jwbstr33@verizon. net>
> To: FT897@yahoogroups. com
> Sent: Tuesday, February 24, 2009 11:39:57 AM
> Subject: Re: [FT897] My rig plans
>
> The 897D was my first rig and does a nice job. Lots of
capabilities.
> Jim KI6PYZ
>
> _____ _____ _____ __
> From: fxrcurt <fxrcurt@yahoo. com>
> To: FT897@yahoogroups. com
> Sent: Monday, February 23, 2009 9:20:04 AM
> Subject: [FT897] My rig plans
>
> Hi all,
>
> Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been
> totally enjoying my mobile and hand held radios mostly on 2m
> repeaters. I've joined the local ham(repeater) club and have been
> making ham friends in my new town of Harrison, Arkansas. Close to
the
> center of the USA. I'm pretty darn close to sending my first CW CQ
> and I intend on becoming fully proficient in morse code.
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> Well, it's time to get my first HF rig and move my current base rig
(a
> Yeasu FT-7800R mobile)into our other vehicle. So as you can
expect,

> I'm going to still need at least some VHF 2m capabilities and
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> a "grab and go" emergency rig would probably be a good idea.
> I have made my mind up and changed it several times trying to make
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and
> FT-950 have been creeping into first place because of the HF bells
> and whistles but I seem to default back to the FT-897D for its
> versatility.
> One more thing and I'll stop. I'm studying for my General and will
> eventually make Extra class(knock knock). I will be getting a good
> paddle and keyer and plan on spending a LOT of time on CW.
> So..... I'm trying to cover a lot of bases here and wanted to
> ask "Does it sound like the FT-897D is the "best choice" first HF
> radio given my circumstances? "
> Thanks,
> Curtis
>
> [Non-text portions of this message have been removed]
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>

25178. General discussion group for Ham Radio activities in Australia (VK).

Yahoo group: FT897 (2009)
Date: 2009-02-24 13:00:07 UTC
From: Binu AT0B
Topic: 25178 Message: 25178

Hi all,

I have created a group for general
discussion regarding Ham Radio activities in Australia.

Group's home page http://groups.yahoo.com/group/vkhams

How to join: You may send a blank email vkhams-subscribe@yahoogroups.com or
    login to Yahoo using your Yahoo ID. Then open
Group's Home page to register your membership.

All are welcome to join.

73

Binu VK2BNG.

Stay connected to the people that matter most with a smarter inbox. Take a look
http://au.docs.yahoo.com/mail/smarterinbox

[Non-text portions of this message have been removed]

25179. MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-24 15:00:45 UTC
From: Paul Linkous(kd8hpt)
Topic: 25179 Message: 25179

I am looking for the mars mod for this radio.
YES I am ARMY/MARS.
I need to be able to open both the VHF and the HF side of this radio for ues
with ARMY/MARS.

Thank you in advance.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T

[Non-text portions of this message have been removed]

25180. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-24 13:15:20 UTC
From: Hank
Topic: 25153 Message: 25180

Hi Curtis. My name is Hank, KB4MTO, and I am also new to this group. I live in Orlando Florida, so I was looking for an HF rig that will take me from 160m - 70cm, will be easy to operate in an emergency, and kept coming back to the 897 for a few reasons. It has 100 watts out on HF in a small package and offers the built-in 120 VAC power supply. I like that so that I do not have to have a seperate PS on/ under my desk. It supports CW/data/voice, and can be computer controlled. But the deciding factor was the built-in battery pack option. Here in Orlando, we always have hurricanes looking our way. Should the next hurricane take power away, I can remove the built-in PS and replace it with 2 built-in battery packs. That along with the LDG AT-897 tuner (which I recommend over the Yaesu FC-30), I can be up without the need for a generator.

I have had the rig for a week now, and I love it. I have the LDG AT-897 and the MFJ-1622 apartment antenna, and it is doing great. I will be setting it up for psk31 this weekend, and hopefully will have a dipole in the attic within a few weeks (deed restricted townhome). I am very happy with this rig.

hth,

73 de KB4MTO

--- In FT897@yahoogroups.com, "fxrcurt" <fxrcurt@...> wrote:
>
> Hi all,
>
> Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been
> totally enjoying my mobile and hand held radios mostly on 2m
> repeaters. I've joined the local ham(repeater)club and have been
> making ham friends in my new town of Harrison, Arkansas. Close to
the
> center of the USA. I'm pretty darn close to sending my first CW CQ
> and I intend on becoming fully proficient in morse code.
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> Well, it's time to get my first HF rig and move my current base rig
(a
> Yeasu FT-7800R mobile)into our other vehicle. So as you can expect,
> I'm going to still need at least some VHF 2m capabilities and would
> like UHF since there are more and more 430 repeaters going up all
> around. Offerings in a DC to Daylight rig for my price range look
> like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the
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> storm and general bad weather land so the option of also having
> a "grab and go" emergency rig would probably be a good idea.

> I have made my mind up and changed it several times trying to make
a
> decision. I don't mind Yaesus. I always want more and the FT-450
and
> FT-950 have been creeping into first place because of the HF bells
> and whistles but I seem to default back to the FT-897D for its
> versatility.
> One more thing and I'll stop. I'm studying for my General and will
> eventually make Extra class(knock knock). I will be getting a good
> paddle and keyer and plan on spending a LOT of time on CW.
> So..... I'm trying to cover a lot of bases here and wanted to
> ask "Does it sound like the FT-897D is the "best choice" first HF
> radio given my circumstances?"
> Thanks,
> Curtis
>

25181. extra test

Yahoo group: FT897 (2009)
Date: 2009-02-24 15:38:05 UTC
From: alphaindia4oscartango
Topic: 25181 Message: 25181

we were talking about this on the 2m repeater this morning ... lots of good ideas have been suggested ... my two cents is this (i'm not conntect to this business in anyway) "Gordon West" his audio cd and book are excellent. listen to the cds while reading the book at the same time ... do that a few times and remember the test taking tips he has and you'll pass! i was first licensed in 1968 and tube theory was still in vogue ... however, i was able to learn because of an understanding of the basic physics and rf theory i learned way back then. being a youngster in 1968 made understanding the application of the theory more difficult because i had not seen much of the theory put into practice. now, having seen lots of the theory put into practice, gordon west explaind the theory and i was able to pass on the first try (doing ham tests online confirmed that i learned the theory) ... my test taking tip is to read the questions and possible answers VERY CAREFULLY ... good luck ... 73 de charles ai4ot

25182. wiring RIGblaster m8 for Yaesu FT-897

Yahoo group: FT897 (2009)
Date: 2009-02-25 01:54:28 UTC
From: kd8dhh
Topic: 25182 Message: 25182

I recently purchased a used Rigblaster M8 on E-Bay. It did not come with any cables or manuals. I had several Yaesu hand-mics with a cable with rj45 connections on both ends. I was hopeing that it was wired correctly to use with the Rigblaster. The second problem is, I can't find a diagram showing the jumper wire settings for the FT-897. I went to their site and tried the one for newer Yaesu radios but, evidently the 897 is wired differently. Any help would be appreciated.

Thanks, Tom de KD8DHH

25183. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 12:55:06 UTC
From: Chuck Shefflette
Topic: 25128 Message: 25183

Actually the fees are set by the VEC group. The FCC only sets the maximum allowed fee. Our VEC group (Laurel) does not charge a fee for any testing. Retests are up to the discretion of the VE in charge of the test session. Our particular group typically allows a retest if we think the examinee has a good chance of passing the retest (ie - missed only one or two more than allowed to pass.) The ARRL sets fees only for the ARRL VEC, not for the other VECs...

Chuck - AB3GZ

25184. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-24 14:50:38 UTC
From: John Chapman
Topic: 25128 Message: 25184

Harold,
As you know, there are plentyof study guides out. Most of them will take you through the math or at least give you some good clues on how to "gut" through the answers. Over all the math isn't all that hard, and a good calculator to do the math isn't that expensive at the various office supply houses.

Good luck, I'm keep getting 80's on my on-line tests, so I'll probably test for my Extra at the next session next month.

Cheers,
John
KC5MIB
On Tue, Feb 24, 2009 at 8:40 AM, Harold Burton <kd5sak@...> wrote:

> I have a way to go, of two Expert practice tests I tried yesterday, the
> best
> I did was 64%. I need to
> get on top of some of the test math formulae.
>
> Harold
> KD5SAK
>
> ----- Original Message -----
> From: "wayne" <wayne_alan2000@... <wayne_alan2000%40yahoo.com>>
> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Tuesday, February 24, 2009 5:35 AM
> Subject: [FT897] Re: General Question about the Extra licence
>
> > To pass the Extra there are 50 questions of which you need at least 37
> > correct, so thats 74%
> >
> > W5yne
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>

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25185. Re: [FT897] My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-25 05:06:56 UTC
From: Curtis Popke
Topic: 25153 Message: 25185

Does the internal power supply FP-30 cause any hum, buzz or interference
in the radio or is it completely audibly (<-is that a word?) invisible?

Thanks Jim,
You know a forum can be a great psychologist to really help you think. I don't
want to just do what someone says but use what they say and make my own decision.
Well I think I've made it. Being new to HF and having all the magazines I naturally want
the biggest, prettiest most awesome rig I see. But right now that's putting the cart in
front of the horse.
I'm gonna get that FT-897D first. This way I will be more likely to add a say Cadillac
later and have
both a nice portable, grab and go setup AND a nicer base setup to enjoy in the future.
 If I were to get a larger base unit first I might not ever pickup the 897D.
So Jim you said it right "big difference in listening pleasure" but I have to put function
and
need before pleasure. 756PRO or similar will have to come later but that's ok as long as I
eventually
end up with both rigs hi hi. Hope the xyl doesn't read this.

>You need to think about how you are going to use the rig. It is a very
>nice portable unit, however, there are 80 some odd menu options that you
>need to change while you are operating and a small screen. So, for a
>main rig, something with more buttons and less menus might not be a bad
>idea. I ended up with an FT 897D for a back up/portable unit and an
>ICOM IC 756PRO for the main rig. There is a big difference in listening
>pleasure between the two.
>Curtis Popke wrote:
>
> Hi Jim,
> And thanks. I guess i have it narrowed down to 160 thru 70cm but the
> grab and go idea (mainly portable battery option) may be keeping from
> some slightly nicer HF radios. I'm so close to buying the 897D but if
> you could do it again, would you opt for say the IC-7000, MkIIG, or
> even Kenwood TS-2000 given what you know now?
> Thanks for responding.
> Curtis
> N5FXR

[Non-text portions of this message have been removed]

25186. Re: [FT897] MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-25 12:44:10 UTC
From: D F
Topic: 25179 Message: 25186

www.mods.dk

Dennis - N8BMB

From: Paul Linkous(kd8hpt) <kd8hpt@...>
To: FT897@yahoogroups..com
Sent: Tuesday, February 24, 2009 9:00:45 AM
Subject: [FT897] MARS MOD

I am looking for the mars mod for this radio.
YES I am ARMY/MARS.
I need to be able to open both the VHF and the HF side of this radio for ues with ARMY/MARS.

Thank you in advance.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T

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[Non-text portions of this message have been removed]

25187. Re: [FT897] MARS Mod

Yahoo group: FT897 (2009)
Date: 2009-02-25 12:48:57 UTC
From: dave.stockton@yahoo.com
Topic: 25179 Message: 25187

Hi folks
Does the mars mod affect the rig other than open the band width tx wise?
I have a 7800 in the car that's opened up and the 70cm repeater split was altered to the US one!

Just curious that's all

Dave S
Sent from my BlackBerry® wireless device

-----Original Message-----
From: D F <n8bmb1@...>

Date: Wed, 25 Feb 2009 04:44:10
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] MARS MOD

www.mods.dk

Dennis - N8BMB

From: Paul Linkous(kd8hpt) <kd8hpt@...>
To: FT897@yahoogroups..com
Sent: Tuesday, February 24, 2009 9:00:45 AM
Subject: [FT897] MARS MOD

I am looking for the mars mod for this radio.
YES I am ARMY/MARS.
I need to be able to open both the VHF and the HF side of this radio for ues with ARMY/MARS.

Thank you in advance.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T

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25188. Re: Hum during TX in FM mode

Yahoo group: FT897 (2009)
Date: 2009-02-25 12:58:02 UTC
From: Jochen - DG2IAQ
Topic: 25151 Message: 25188

Hi Don.

Maybe you could have a look at www.mods.dk into the YAESU/FT-857 or YAESU/FT-897 chapter (if I remember correctly it should be in the 897 chapter):

There's a mod of an italian OM, called "Massimo", and he soldered a jumper wire in between the DSP ground and the common ground on the downside of the MAIN PCB.

I had the same problem with my FT-897D. The FM humm might be heard very low, but on SSB it's like sitting in a train with open windows.

vy 73,
Jochen (DG2IAQ)

--- In FT897@yahoogroups.com, "rainbow_radio_league" <rainbow_radio_league@...> wrote:
>
> There is a continuous hum, not very loud, while TX in the FM mode.
> The equipment is properly grounded to an independent earth. We have
> tried isolating all other devices in the QTH including lights and even
> the fridge, but the hum still persists.
>
> I am wondering if it could be the internal cooling fans that is
> causing the hum. If that could be the problem , how can the hum be
> removed ?
>
> Your assistance is appreciated.
>
> Don J88CD
>

25189. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-25 15:17:15 UTC
From: Harold Burton
Topic: 25128 Message: 25189

Being a high school drop out with B. S. and Masters degrees in Education,
my educational background is unusual enough that I'm basicly math
illiterate. I worked as a design drafter (CAD) in
engineering offices for several years, which forced me to get a grasp on
some aspects of math.
Perhaps I can do the same with the Ham Expert test.

Harold
KD5SAK

----- Original Message -----
From: "John Chapman" <jlchapman2@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, February 24, 2009 8:50 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

> Harold,
> As you know, there are plentyof study guides out. Most of them will take
> you through the math or at least give you some good clues on how to "gut"
> through the answers. Over all the math isn't all that hard, and a good
> calculator to do the math isn't that expensive at the various office
> supply
> houses.
>
> Good luck, I'm keep getting 80's on my on-line tests, so I'll probably
> test
> for my Extra at the next session next month.
>
> Cheers,
> John
> KC5MIB
>

25190. FT897 Weak Audio Questions

Yahoo group: FT897 (2009)
Date: 2009-02-25 16:18:20 UTC
From: Niel Skousen
Topic: 25153 Message: 25190

I'm having some problems with an 897 I sold to a friend, and wondering if anyone has seen this before ?

Abruptly several weeks ago the audio level dropped on the 897. The receive performance seems to be ok, but the maximum audio out (speaker and phones) is down by a factor of 6~8 (by ear, 10 dB or more). There is no visual damage to the Audio PA chip, and it seems to be contributing an appropriate amount of gain...

Anybody seen this before ? Any extended / tech menu settings that may apply ?

Also, this is a non-D radio, if my friend sends it back to Yaesu for repair, is it worth asking for a firmware upgrade ??

Niel
WA7SSA

25191. Re: [FT897] FT897 Weak Audio Questions

Yahoo group: FT897 (2009)
Date: 2009-02-25 20:36:06 UTC
From: wayne morton
Topic: 25153 Message: 25191

A supid question BUT, have you tried running the radio via a battery to see if the hum is coming from the AC ??

W5yne

--- On Wed, 2/25/09, Niel Skousen <nskousen@...> wrote:

From: Niel Skousen <nskousen@...>
Subject: [FT897] FT897 Weak Audio Questions
To: FT897@yahoogroups.com
Date: Wednesday, February 25, 2009, 4:18 PM

I'm having some problems with an 897 I sold to a friend, and wondering if anyone has seen this before ?

Abruptly several weeks ago the audio level dropped on the 897. The receive performance seems to be ok, but the maximum audio out (speaker and phones) is down by a factor of 6~8 (by ear, 10 dB or more). There is no visual damage to the Audio PA chip, and it seems to be contributing an appropriate amount of gain...

Anybody seen this before ? Any extended / tech menu settings that may apply ?

Also, this is a non-D radio, if my friend sends it back to Yaesu for repair, is it worth asking for a firmware upgrade ??

Niel
WA7SSA

[Non-text portions of this message have been removed]

25192. Re: [FT897] FT897 Weak Audio Questions

Yahoo group: FT897 (2009)
Date: 2009-02-25 21:06:57 UTC
From: kc3vo@aol.com
Topic: 25153 Message: 25192

Have you/he removed all accessories? (Computer connections, headsets, external speakers, sound cards, etc)--These items can affect/damage the radio, if improperly configured. 73, KC3VO-Bob Curry

-----Original Message-----
From: wayne morton <wayne_alan2000@...>
To: FT897@yahoogroups.com
Sent: Wed, 25 Feb 2009 3:36 pm
Subject: Re: [FT897] FT897 Weak Audio Questions

A supid question BUT, have you tried running the radio via a battery to see if
the hum is coming from the AC ??

W5yne

--- On Wed, 2/25/09, Niel Skousen <nskousen@talisman-intl.com> wrote:

From: Niel Skousen <nskousen@...>
Subject: [FT897] FT897 Weak Audio Questions
To: FT897@yahoogroups.com
Date: Wednesday, February 25, 2009, 4:18 PM

I'm having some problems with an 897 I sold to a friend, and wondering if anyone has seen this before ?

Abruptly several weeks ago the audio level dropped on the 897. The receive performance seems to be ok, but the maximum audio out (speaker and phones) is down by a factor of 6~8 (by ear, 10 dB or more). There is no visual damage to the Audio PA chip, and it seems to be contributing an appropriate amount of gain...

Anybody seen this before ? Any extended / tech menu settings that may apply ?

Also, this is a non-D radio, if my friend sends it back to Yaesu for repair, is it worth asking for a firmware upgrade ??

Nie
l
WA7SSA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

25193. Re: [FT897] Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-25 23:50:57 UTC
From: Dooley Buckner
Topic: 25153 Message: 25193

Outstanding!
Thank you Ed. There goes some money well spent in my opinion.
Now I have one radio and all power options.
Buck
KJ4CRU

From: flhtci97 <flhtci97@...>
To: FT897@yahoogroups.com
Sent: Tuesday, February 24, 2009 10:51:08 PM
Subject: [FT897] Re: My rig plans

Hey Buck,

Glad to hear the batteries are working for you and you're giving
them some exercise.

You mentioned getting the internal supply for the 897. If you want
to get the FP-30, Gigaparts has them for $189.00 if you order while
they are out of stock.

73 de Ed N0EHQ

--- In FT897@yahoogroups. com, Dooley Buckner <buckxo@...> wrote:
>
> I went portable this weekend with one of my FT-897D's, FNB-78s and
the Buddistick. Outstanding combo, and I will never look back. I
have 2 FT-897D's I use in the base role, but have added the
batteries and soon the power supply. I can take either of the bases
portable and go anywhere.
>
> Personally, I can afford to purchase any radio I want, and while
the others listed are great and have different features, I
wanted multiple moble radios, that could take the batteries and
addition accessories, but could also work the base role. Plus, I
plan on taking one FT-897D portable with me for my next tour in
Iraq. That was the selling point, portable, portable accessories,
rugged, ...period.
>
> Buck
> KJ4CRU
>
>
>
>
> ---------- --------- --------- --

> From: Isser Rubelow <irubelow@.. .>
> To: FT897@yahoogroups. com
> Sent: Tuesday, February 24, 2009 6:05:31 PM
> Subject: Re: [FT897] My rig plans
>
>
> Curtis,
>
> I've been having the EXACT same dilemma. The portability really
appeals to me but I've also changed my mind a bunch of times. I was
wondering though how difficult it is to swap out the internal power
supply with the batteries.
>
> 73
> Isser
> KC2UKW
> ----- Original Message -----
> From: Curtis Popke
> To: FT897@yahoogroups. com
> Sent: Tuesday, February 24, 2009 2:21 PM
> Subject: Re: [FT897] My rig plans
>
> Hi Jim,
> And thanks. I guess i have it narrowed down to 160 thru 70cm but
the grab and go idea (mainly portable battery option) may be keeping
from some slightly nicer HF radios. I'm so close to buying the 897D
but if you could do it again, would you opt for say the IC-7000,
MkIIG, or even Kenwood TS-2000 given what you know now?
> Thanks for responding.
> Curtis
> N5FXR
>
> __________ _________ _________ __
> From: Jim Webster <jwbstr33@verizon. net>
> To: FT897@yahoogroups. com
> Sent: Tuesday, February 24, 2009 11:39:57 AM
> Subject: Re: [FT897] My rig plans
>
> The 897D was my first rig and does a nice job. Lots of
capabilities.
> Jim KI6PYZ
>
> __________ _________ _________ __
> From: fxrcurt <fxrcurt@yahoo. com>
> To: FT897@yahoogroups. com
> Sent: Monday, February 23, 2009 9:20:04 AM
> Subject: [FT897] My rig plans
>
> Hi all,
>

> Name's Curtis, N5FXR. I've been a Tech since Feb'04 and have been
> totally enjoying my mobile and hand held radios mostly on 2m
> repeaters. I've joined the local ham(repeater) club and have been
> making ham friends in my new town of Harrison, Arkansas. Close to
the
> center of the USA. I'm pretty darn close to sending my first CW CQ
> and I intend on becoming fully proficient in morse code.
>
> Well, it's time to get my first HF rig and move my current base rig
(a
> Yeasu FT-7800R mobile)into our other vehicle. So as you can
expect,
> I'm going to still need at least some VHF 2m capabilities and
would
> like UHF since there are more and more 430 repeaters going up all
> around. Offerings in a DC to Daylight rig for my price range look
> like they include the IC-706kIIG, IC-7000, Kenwood TS-2000 or the
> three Yeasus that do HF thru 70cm. You know I live in tornado, ice
> storm and general bad weather land so the option of also having
> a "grab and go" emergency rig would probably be a good idea.
> I have made my mind up and changed it several times trying to make
a
> decision. I don't mind Yaesus. I always want more and the FT-450
and
> FT-950 have been creeping into first place because of the HF bells
> and whistles but I seem to default back to the FT-897D for its
> versatility.
> One more thing and I'll stop. I'm studying for my General and will
> eventually make Extra class(knock knock). I will be getting a good
> paddle and keyer and plan on spending a LOT of time on CW.
> So..... I'm trying to cover a lot of bases here and wanted to
> ask "Does it sound like the FT-897D is the "best choice" first HF
> radio given my circumstances? "
> Thanks,
> Curtis
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25194. MFJ-1278 TNC Connections

Yahoo group: FT897 (2009)
Date: 2009-02-26 00:09:52 UTC
From: j13rt
Topic: 25194 Message: 25194

Just pulled an old MFJ-1278 TNC from my amateur radio storage box. I know I have to update the firmware from ver 2.2 to the current 3.7 (MFJ-48). The question I have is related to the connection between the 6 pin miniDin Data Port on the 897D and the 5 pin Din on the TNC Radio port.

The TNC support one rx audio/data (in) connection. The 897D provides separate 1200 and 9600 rx data (in) connections. Can I tie the 1200/9600 connections together with the TNC rx (in) or do I have to build a switch box to toggle 1200/or 9600 to the TNC...

any suggestions???

Also, the MFT-48 docs suggest getting a new owners manual, 5th. edition if your current ver is 3.3 or earlier. This manual is no where to be found on the MFJ website. Does anyone know if there is a .pdf version online or a source for the paper version?

tnx,

Jim

25195. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-26 01:07:25 UTC
From: Kerryguy7
Topic: 25128 Message: 25195

Harold,
I can certainly understand and identify with your situation! Like yourself , due to circumstances beyond my control, my "high school" education was somewhat less than optimal. I too have had to obtain and develop any of the more complex math skills through self education and dogged determination...but boy oh boy it hasn't been easy! So, as a former President once said, "I feel your pain"!
Like yourself Harold, I too am studying for the Extra class exam. For what its worth I find that the exam preparation materials published by the "Gordon West" group seem to be the best way (for me anyway) to help not just to learn the correct answers to the question pool BUT, more importantly, to understand the "whys and wherefores" that lie beneath the theory and help me understand some of the more complex electronic and mathematical concepts surrounding our hobby. I'm sure there are other grear ways to prepare for this exam but, well, this series seems to work best for me. There are lots of great materials out there!
I guess that you and I have been presented somewhat of a second chance to learn and to more fully appreciate some of the more complex and challenging subjects and theories that we missed out on during our "younger" days! :)
Best of luck to you Harold!
See you at the top (Extra Class) !
'73!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Harold Burton <kd5sak@...>
To: FT897@yahoogroups.com
Sent: Wednesday, February 25, 2009 10:17:15 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

Being a high school drop out with B. S. and Masters degrees in Education,
my educational background is unusual enough that I'm basicly math
illiterate. I worked as a design drafter (CAD) in
engineering offices for several years, which forced me to get a grasp on
some aspects of math.
Perhaps I can do the same with the Ham Expert test.

Harold
KD5SAK

----- Original Message -----
From: "John Chapman" <jlchapman2@gmail. com>
To: <FT897@yahoogroups. com>
Sent: Tuesday, February 24, 2009 8:50 AM

Subject: Re: [FT897] Re: General Question about the Extra licence

> Harold,
> As you know, there are plentyof study guides out. Most of them will take
> you through the math or at least give you some good clues on how to "gut"
> through the answers. Over all the math isn't all that hard, and a good
> calculator to do the math isn't that expensive at the various office
> supply
> houses.
>
> Good luck, I'm keep getting 80's on my on-line tests, so I'll probably
> test
> for my Extra at the next session next month.
>
> Cheers,
> John
> KC5MIB
>

[Non-text portions of this message have been removed]

25196. Re: [FT897] FT897 Weak Audio Questions

Yahoo group: FT897 (2009)
Date: 2009-02-26 02:06:20 UTC
From: Jim
Topic: 25153 Message: 25196

Did you guys read the question at all? He said nothing about hum.

kc3vo@... wrote:
>
> Have you/he removed all accessories? (Computer connections, headsets,
> external speakers, sound cards, etc)--These items can affect/damage the
> radio, if improperly configured. 73, KC3VO-Bob Curry
>
> -----Original Message-----
> From: wayne morton <wayne_alan2000@...
> <mailto:wayne_alan2000%40yahoo.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wed, 25 Feb 2009 3:36 pm
> Subject: Re: [FT897] FT897 Weak Audio Questions
>
> A supid question BUT, have you tried running the radio via a battery to
> see if
> the hum is coming from the AC ??
>
> W5yne
>
>
> --- On Wed, 2/25/09, Niel Skousen <nskousen@...
> <mailto:nskousen%40talisman-intl.com>> wrote:
>
> From: Niel Skousen <nskousen@...
> <mailto:nskousen%40talisman-intl.com>>
> Subject: [FT897] FT897 Weak Audio Questions
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Wednesday, February 25, 2009, 4:18 PM
>
> I'm having some problems with an 897 I sold to a friend, and wondering
> if anyone has seen this before ?
>
> Abruptly several weeks ago the audio level dropped on the 897. The
> receive performance seems to be ok, but the maximum audio out (speaker
> and phones) is down by a factor of 6~8 (by ear, 10 dB or more). There
> is no visual damage to the Audio PA chip, and it seems to be
> contributing an appropriate amount of gain...
>
> Anybody seen this before ? Any extended / tech menu settings that
> may apply ?
>
> Also, this is a non-D radio, if my friend sends it back to Yaesu for
> repair, is it worth asking for a firmware upgrade ??

>
> Nie
> l
> WA7SSA
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

25197. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-26 02:09:19 UTC
From: Jim
Topic: 25128 Message: 25197

When you take an on line test, it is a good idea to google the question and answer so you understand it, rather than just try to memorize the answers.

WB8QGT

Kerryguy7 wrote:
>
> Harold,
> I can certainly understand and identify with your situation! Like
> yourself , due to circumstances beyond my control, my "high school"
> education was somewhat less than optimal. I too have had to obtain and
> develop any of the more complex math skills through self education and
> dogged determination...but boy oh boy it hasn't been easy! So, as a
> former President once said, "I feel your pain"!
> Like yourself Harold, I too am studying for the Extra class exam. For
> what its worth I find that the exam preparation materials published by
> the "Gordon West" group seem to be the best way (for me anyway) to
> help not just to learn the correct answers to the question pool BUT,
> more importantly, to understand the "whys and wherefores" that lie
> beneath the theory and help me understand some of the more complex
> electronic and mathematical concepts surrounding our hobby. I'm sure
> there are other grear ways to prepare for this exam but, well, this
> series seems to work best for me. There are lots of great materials
> out there!
> I guess that you and I have been presented somewhat of a second chance
> to learn and to more fully appreciate some of the more complex and
> challenging subjects and theories that we missed out on during our
> "younger" days! :)
> Best of luck to you Harold!
> See you at the top (Extra Class) !
> '73!
> Tom KC8TBY
>
> Thomas K. Lane
>
> Lane Computer Services
>
> http://home.comcast.net/~techman65A+
> <http://home.comcast.net/%7Etechman65A+> Certified & Network+
> Certified ComputerTechnician
>
>
>
> _____

> From: Harold Burton <kd5sak@... <mailto:kd5sak%40sbcglobal.net>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wednesday, February 25, 2009 10:17:15 AM
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
> Being a high school drop out with B. S. and Masters degrees in Education,
> my educational background is unusual enough that I'm basicly math
> illiterate. I worked as a design drafter (CAD) in
> engineering offices for several years, which forced me to get a grasp on
> some aspects of math.
> Perhaps I can do the same with the Ham Expert test.
>
> Harold
> KD5SAK
>
> ----- Original Message -----
> From: "John Chapman" <jlchapman2@gmail. com>
> To: <FT897@yahoogroups. com>
> Sent: Tuesday, February 24, 2009 8:50 AM
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
> > Harold,
> > As you know, there are plentyof study guides out. Most of them will take
> > you through the math or at least give you some good clues on how to
> "gut"
> > through the answers. Over all the math isn't all that hard, and a good
> > calculator to do the math isn't that expensive at the various office
> > supply
> > houses.
> >
> > Good luck, I'm keep getting 80's on my on-line tests, so I'll probably
> > test
> > for my Extra at the next session next month.
> >
> > Cheers,
> > John
> > KC5MIB
> >
>
> [Non-text portions of this message have been removed]
>
>

25198. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-26 13:23:17 UTC
From: flhtci97
Topic: 25153 Message: 25198

Hi Jim,

I have not noticed any hum, hash or anything else with the FP-30 installed. However this is based on my personal experience and others my have experienced something different.

This power supply itself is identified by its attached label as FP-30B which is as I understand the improved version of the original FP-30. The unit was purchased a week ago tomorrow at the Orlando hamfest.

73 de Ed N0EHQ

25199. CAT problems

Yahoo group: FT897 (2009)
Date: 2009-02-26 13:53:40 UTC
From: Jim
Topic: 25153 Message: 25199

I sent my 8987D to Yaesu to have the CAT port repaired. They called Tuesday evening to say the repairs would be about $80. So hopefully, I will get it back in the next few days.

25200. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-26 15:09:41 UTC
From: Hank
Topic: 25153 Message: 25200

I have been running the FP-30 for about 2 weeks now and I have not noticed any hum either, and that is even with the rig ungrounded.

73 de Hank KB4MTO

--- In FT897@yahoogroups.com, "flhtci97" <flhtci97@...> wrote:
>
> Hi Jim,
>
> I have not noticed any hum, hash or anything else with the FP-30
> installed. However this is based on my personal experience and
others
> my have experienced something different.
>
> This power supply itself is identified by its attached label as
FP-30B
> which is as I understand the improved version of the original
FP-30.
> The unit was purchased a week ago tomorrow at the Orlando hamfest.
>
> 73 de Ed N0EHQ
>

25201. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-26 19:33:33 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25128 Message: 25201

I have never been a fan of (or good at) simple memorization. I much
prefer to understand the material. The information that one learns
for the license is useful - so it is best to understand it. If you
don't understand it, it won't be very useful to you.

When I was studying for my Extra, I initially used the Gordon
West book. His books had worked well for me for the Tech and General
licenses.

Unfortunately I found that his Extra book was sometimes lacking in the
explanation department. Some answers essentially said to memorize.
That's not what I want! So, I bought the ARRL book and found that
it did explain things fairly well. I even got the impression that
the questions and the ARRL book came from the same source.

Rob
AF6CM

On Wed, 25 Feb 2009 21:09:19 -0500, "Jim" <liteways@...> said:
> When you take an on line test, it is a good idea to google the question
> and answer so you understand it, rather than just try to memorize the
> answers.
>
> WB8QGT
>
> Kerryguy7 wrote:
> >
> > Harold,
> > I can certainly understand and identify with your situation! Like
> > yourself , due to circumstances beyond my control, my "high school"
> > education was somewhat less than optimal. I too have had to obtain and
> > develop any of the more complex math skills through self education and
> > dogged determination...but boy oh boy it hasn't been easy! So, as a
> > former President once said, "I feel your pain"!
> > Like yourself Harold, I too am studying for the Extra class exam. For
> > what its worth I find that the exam preparation materials published by
> > the "Gordon West" group seem to be the best way (for me anyway) to
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> > more importantly, to understand the "whys and wherefores" that lie
> > beneath the theory and help me understand some of the more complex
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> > there are other grear ways to prepare for this exam but, well, this
> > series seems to work best for me. There are lots of great materials
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> > I guess that you and I have been presented somewhat of a second chance
> > to learn and to more fully appreciate some of the more complex and

> > challenging subjects and theories that we missed out on during our
> > "younger" days! :)
> > Best of luck to you Harold!
> > See you at the top (Extra Class) !
> > '73!
> > Tom KC8TBY
> >
> > Thomas K. Lane
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> > Lane Computer Services
> >
> > http://home.comcast.net/~techman65A+
> > <http://home.comcast.net/%7Etechman65A+> Certified & Network+
> > Certified ComputerTechnician
> >
> >
> >
> > _____
> > From: Harold Burton <kd5sak@... <mailto:kd5sak%40sbcglobal.net>>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Wednesday, February 25, 2009 10:17:15 AM
> > Subject: Re: [FT897] Re: General Question about the Extra licence
> >
> > Being a high school drop out with B. S. and Masters degrees in Education,
> > my educational background is unusual enough that I'm basicly math
> > illiterate. I worked as a design drafter (CAD) in
> > engineering offices for several years, which forced me to get a grasp on
> > some aspects of math.
> > Perhaps I can do the same with the Ham Expert test.
> >
> > Harold
> > KD5SAK
> >
> > ----- Original Message -----
> > From: "John Chapman" <jlchapman2@gmail. com>
> > To: <FT897@yahoogroups. com>
> > Sent: Tuesday, February 24, 2009 8:50 AM
> > Subject: Re: [FT897] Re: General Question about the Extra licence
> >
> > > Harold,
> > > As you know, there are plentyof study guides out. Most of them will take
> > > you through the math or at least give you some good clues on how to
> > "gut"
> > > through the answers. Over all the math isn't all that hard, and a good
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> > > houses.
> > >
> > > Good luck, I'm keep getting 80's on my on-line tests, so I'll probably
> > > test

> > > for my Extra at the next session next month.
> > >
> > > Cheers,
> > > John
> > > KC5MIB
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >

25202. Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-26 20:40:31 UTC
From: Stewart Nelson
Topic: 25179 Message: 25202

From KD5LBE: The two call signs that are in this message KD8HPT and N8PHL were both paul's call signs and come back to a Tech License when I checked. Can you operate in the HF part of the MARS bands with a tech license?

--- In FT897@yahoogroups.com, "Paul Linkous(kd8hpt)" <kd8hpt@...> wrote:
>
> I am looking for the mars mod for this radio.
> YES I am ARMY/MARS.
> I need to be able to open both the VHF and the HF side of this radio for ues
> with ARMY/MARS.
>
> Thank you in advance.
>
>
> ï»¿ ï»¿ ï»¿ ï»¿ ï»¿ ï»¿
> Paul H Linkous III
> Columbus,OH
> 43223
>
> N8PHL-9
>
> Perry County OH ARES EC
> COARES
> C.E.R.T.
> FIRST RESPONDER
> COTN
> Army MARS AAR5EA/T
>
> [Non-text portions of this message have been removed]
>

25203. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-26 21:10:09 UTC
From: Patrick Ouellette
Topic: 25179 Message: 25203

On Thu, Feb 26, 2009 at 08:40:31PM -0000, Stewart Nelson wrote:
>
> From KD5LBE: The two call signs that are in this message KD8HPT and
> N8PHL were both paul's call signs and come back to a Tech License
> when I checked. Can you operate in the HF part of the MARS bands
> with a tech license?
>

No, you operate on MARS bands with a MARS license. The requirement
to obtain a MARS license is a valid amateur radio license (I think
technician class or better, but I could be mistaken on that).

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO
"Crank the amp to 11, this needs more cowbell - and a llama wouldn't hurt either"
"Your arguments are an odd mix of overly optimistic on one side and overly
pessimistic on the other"

25204. Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-26 22:15:47 UTC
From: Stewart Nelson
Topic: 25179 Message: 25204

From KD5LBE and the MARS Web site. I will look into the MARS suystem more.

1.A General Class Amateur Radio License will be a requirement for MARS members. Technician Class licensees will have a period of one year to upgrade to General Class.

--- In FT897@yahoogroups.com, Patrick Ouellette <pat@...> wrote:
>
> On Thu, Feb 26, 2009 at 08:40:31PM -0000, Stewart Nelson wrote:
> >
> > From KD5LBE: The two call signs that are in this message KD8HPT and
> > N8PHL were both paul's call signs and come back to a Tech License
> > when I checked. Can you operate in the HF part of the MARS bands
> > with a tech license?
> >
>
> No, you operate on MARS bands with a MARS license. The requirement
> to obtain a MARS license is a valid amateur radio license (I think
> technician class or better, but I could be mistaken on that).
>
> 73,
>
> Pat NE4PO
> --
>
> Patrick Ouellette pat@...
> ne4po (at) arrl (dot) net Amateur Radio: NE4PO
> "Crank the amp to 11, this needs more cowbell - and a llama wouldn't hurt either"
> "Your arguments are an odd mix of overly optimistic on one side and overly
> pessimistic on the other"
>

25205. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-26 22:24:28 UTC
From: af2c@njdxa.org
Topic: 25179 Message: 25205

The answer to your question yes.

The MARS frequencies do not actually fall under the FCC's domain. It is to
best of my knowledge under the DoD.

73,
Jay/AF2C

At 08:40 PM 2/26/2009 +0000, you wrote:

> From KD5LBE: The two call signs that are in this message KD8HPT and
>N8PHL were both paul's call signs and come back to a Tech License
>when I checked. Can you operate in the HF part of the MARS bands
>with a tech license?
>
>--- In <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com, "Paul
>Linkous(kd8hpt)" <kd8hpt@...>
>wrote:
> >
> > I am looking for the mars mod for this radio.
> > YES I am ARMY/MARS.
> > I need to be able to open both the VHF and the HF side of this
>radio for ues
> > with ARMY/MARS.
> >
> > Thank you in advance.
> >
> >
> > ï»¿ ï»¿ ï»¿ ï»¿ ï»¿ ï»¿
> > Paul H Linkous III
> > Columbus,OH
> > 43223
> >
> > N8PHL-9
> >
> > Perry County OH ARES EC
> > COARES
> > C.E.R.T.
> > FIRST RESPONDER
> > COTN
> > Army MARS AAR5EA/T
> >
> > [Non-text portions of this message have been removed]
> >
>
>

>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.0.237 / Virus Database: 270.11.3/1973 - Release Date: 02/26/09
>07:03:00

[Non-text portions of this message have been removed]

25206. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-26 23:24:41 UTC
From: Gary Altig
Topic: 25179 Message: 25206

DE N7UVL,
Even More specifically, under the DCS (Defense
Communications Systems)./ga

----- Original Message -----
From: af2c@...<mailto:af2c@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, February 26, 2009 2:24 PM
Subject: Re: [FT897] Re: MARS MOD

The answer to your question yes.

The MARS frequencies do not actually fall under the FCC's domain. It is to
best of my knowledge under the DoD.

73,
Jay/AF2C

At 08:40 PM 2/26/2009 +0000, you wrote:

> From KD5LBE: The two call signs that are in this message KD8HPT and
>N8PHL were both paul's call signs and come back to a Tech License
>when I checked. Can you operate in the HF part of the MARS bands
>with a tech license?
>
>--- In
<mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>,
"Paul
>Linkous(kd8hpt)" <kd8hpt@...>
>wrote:
> >
> > I am looking for the mars mod for this radio.
> > YES I am ARMY/MARS.
> > I need to be able to open both the VHF and the HF side of this
>radio for ues
> > with ARMY/MARS.
> >
> > Thank you in advance.
> >
> >
> > ï»¿ ï»¿ ï»¿ ï»¿ ï»¿ ï»¿
> > Paul H Linkous III
> > Columbus,OH
> > 43223
> >
> > N8PHL-9

> >
> > Perry County OH ARES EC
> > COARES
> > C.E.R.T.
> > FIRST RESPONDER
> > COTN
> > Army MARS AAR5EA/T
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.0.237 / Virus Database: 270.11.3/1973 - Release Date: 02/26/09
>07:03:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25207. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-27 01:10:07 UTC
From: Jim
Topic: 25128 Message: 25207

THe questions are the same in both books because those are the questions
available to make up the tests from. Each test is supposed to be a
subset of those questions that were picked by the VE group .. I think
its called the VEC?

af6cm_yahoo@... wrote:
>
> I have never been a fan of (or good at) simple memorization. I much
> prefer to understand the material. The information that one learns
> for the license is useful - so it is best to understand it. If you
> don't understand it, it won't be very useful to you.
>
> When I was studying for my Extra, I initially used the Gordon
> West book. His books had worked well for me for the Tech and General
> licenses.
>
> Unfortunately I found that his Extra book was sometimes lacking in the
> explanation department. Some answers essentially said to memorize.
> That's not what I want! So, I bought the ARRL book and found that
> it did explain things fairly well. I even got the impression that
> the questions and the ARRL book came from the same source.
>
> Rob
> AF6CM
>
> On Wed, 25 Feb 2009 21:09:19 -0500, "Jim" <liteways@...
> <mailto:liteways%40gmail.com>> said:
> > When you take an on line test, it is a good idea to google the question
> > and answer so you understand it, rather than just try to memorize the
> > answers.
> >
> > WB8QGT
> >
> > Kerryguy7 wrote:
> > >
> > > Harold,
> > > I can certainly understand and identify with your situation! Like
> > > yourself , due to circumstances beyond my control, my "high school"
> > > education was somewhat less than optimal. I too have had to obtain
> and
> > > develop any of the more complex math skills through self education
> and
> > > dogged determination...but boy oh boy it hasn't been easy! So, as a
> > > former President once said, "I feel your pain"!
> > > Like yourself Harold, I too am studying for the Extra class exam. For

> > > what its worth I find that the exam preparation materials
> published by
> > > the "Gordon West" group seem to be the best way (for me anyway) to
> > > help not just to learn the correct answers to the question pool BUT,
> > > more importantly, to understand the "whys and wherefores" that lie
> > > beneath the theory and help me understand some of the more complex
> > > electronic and mathematical concepts surrounding our hobby. I'm sure
> > > there are other grear ways to prepare for this exam but, well, this
> > > series seems to work best for me. There are lots of great materials
> > > out there!
> > > I guess that you and I have been presented somewhat of a second
> chance
> > > to learn and to more fully appreciate some of the more complex and
> > > challenging subjects and theories that we missed out on during our
> > > "younger" days! :)
> > > Best of luck to you Harold!
> > > See you at the top (Extra Class) !
> > > '73!
> > > Tom KC8TBY
> > >
> > > Thomas K. Lane
> > >
> > > Lane Computer Services
> > >
> > > http://home.comcast.net/~techman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>> Certified & Network+
> > > Certified ComputerTechnician
> > >
> > >
> > >
> > > _____
> > > From: Harold Burton <kd5sak@...
> <mailto:kd5sak%40sbcglobal.net> <mailto:kd5sak%40sbcglobal.net>>
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > > Sent: Wednesday, February 25, 2009 10:17:15 AM
> > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > >
> > > Being a high school drop out with B. S. and Masters degrees in
> Education,
> > > my educational background is unusual enough that I'm basicly math
> > > illiterate. I worked as a design drafter (CAD) in
> > > engineering offices for several years, which forced me to get a
> grasp on
> > > some aspects of math.
> > > Perhaps I can do the same with the Ham Expert test.
> > >
> > > Harold

> > > KD5SAK
> > >
> > > ----- Original Message -----
> > > From: "John Chapman" <jlchapman2@gmail. com>
> > > To: <FT897@yahoogroups. com>
> > > Sent: Tuesday, February 24, 2009 8:50 AM
> > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > > >
> > > > > Harold,
> > > > > As you know, there are plentyof study guides out. Most of them
> will take
> > > > > you through the math or at least give you some good clues on how to
> > > > "gut"
> > > > > through the answers. Over all the math isn't all that hard, and
> a good
> > > > > calculator to do the math isn't that expensive at the various office
> > > > > supply
> > > > > houses.
> > > > >
> > > > > Good luck, I'm keep getting 80's on my on-line tests, so I'll
> probably
> > > > > test
> > > > > for my Extra at the next session next month.
> > > > >
> > > > > Cheers,
> > > > > John
> > > > > KC5MIB
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
>
>

25208. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-27 04:43:18 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25128 Message: 25208

True, but the explanations of the answers are what differentiate
the books. The questions and answers are from a pool that the VEC
uses to create the actual test for a given candidate.

So, when you choose a test book, you are looking for the book with
the most helpful explanation of the question/answer.

For the Tech and General, I thought Gordon West's book was better,
because the short answers were sufficient. For Extra, the questions
are more challenging, IMO. So the more detailed explanation in the
ARRL book was helpful to me.

Rob
AF6CM

On Thu, 26 Feb 2009 20:10:07 -0500, "Jim" <liteways@...> said:
> THe questions are the same in both books because those are the questions
> available to make up the tests from. Each test is supposed to be a
> subset of those questions that were picked by the VE group .. I think
> its called the VEC?
>
> af6cm_yahoo@... wrote:
> >
> > I have never been a fan of (or good at) simple memorization. I much
> > prefer to understand the material. The information that one learns
> > for the license is useful - so it is best to understand it. If you
> > don't understand it, it won't be very useful to you.
> >
> > When I was studying for my Extra, I initially used the Gordon
> > West book. His books had worked well for me for the Tech and General
> > licenses.
> >
> > Unfortunately I found that his Extra book was sometimes lacking in the
> > explanation department. Some answers essentially said to memorize.
> > That's not what I want! So, I bought the ARRL book and found that
> > it did explain things fairly well. I even got the impression that
> > the questions and the ARRL book came from the same source.
> >
> > Rob
> > AF6CM
> >

25209. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-27 09:00:19 UTC
From: Peter Robinson
Topic: 25128 Message: 25209

Jim - here is how I see it from the examiners' side of the desk.

The question pool is fixed and published because of the US Freedom of Information Act. The current pool for each element is available in books and over the internet. The pool contains at least 10 times as many questions as are required for each section of the exam. When a paper is generated, the software randomly selects from the pool, putting in the required no of questions for each part according to the weightings. An individual question could turn up as Q 3 on one paper and Q 6 on another etc. Each Q has one attractor (correct answer) and three distractors (wrong answers), but even if identical questions turn up on separate papers, the correct answer might be option a) on one paper, but (say) option d) on the second. When printed, each paper carries a multi digit signature on the front cover, four characters of which tell the VEs which template to use when marking the paper.

Hope this helps a little.

73 de Peter - GØFIM / AA3JN

ARRL VEC - Solent (England) VE Team

----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Friday, February 27, 2009 1:10 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

THe questions are the same in both books because those are the questions
available to make up the tests from. Each test is supposed to be a
subset of those questions that were picked by the VE group .. I think
its called the VEC?

af6cm_yahoo@... wrote:
>
> I have never been a fan of (or good at) simple memorization. I much
> prefer to understand the material. The information that one learns
> for the license is useful - so it is best to understand it. If you
> don't understand it, it won't be very useful to you.
>
> When I was studying for my Extra, I initially used the Gordon
> West book. His books had worked well for me for the Tech and General
> licenses.
>
> Unfortunately I found that his Extra book was sometimes lacking in the
> explanation department. Some answers essentially said to memorize.
> That's not what I want! So, I bought the ARRL book and found that
> it did explain things fairly well. I even got the impression that
> the questions and the ARRL book came from the same source.
>

> Rob
> AF6CM
>
> On Wed, 25 Feb 2009 21:09:19 -0500, "Jim" <liteways@gmail.com
> <mailto:liteways%40gmail.com>> said:
> > When you take an on line test, it is a good idea to google the question
> > and answer so you understand it, rather than just try to memorize the
> > answers.
> >
> > WB8QGT
> >
> > Kerryguy7 wrote:
> > >
> > > Harold,
> > > I can certainly understand and identify with your situation! Like
> > > yourself , due to circumstances beyond my control, my "high school"
> > > education was somewhat less than optimal. I too have had to obtain
> and
> > > develop any of the more complex math skills through self education
> and
> > > dogged determination...but boy oh boy it hasn't been easy! So, as a
> > > former President once said, "I feel your pain"!
> > > Like yourself Harold, I too am studying for the Extra class exam. For
> > > what its worth I find that the exam preparation materials
> published by
> > > the "Gordon West" group seem to be the best way (for me anyway) to
> > > help not just to learn the correct answers to the question pool BUT,
> > > more importantly, to understand the "whys and wherefores" that lie
> > > beneath the theory and help me understand some of the more complex
> > > electronic and mathematical concepts surrounding our hobby. I'm sure
> > > there are other grear ways to prepare for this exam but, well, this
> > > series seems to work best for me. There are lots of great materials
> > > out there!
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> chance
> > > to learn and to more fully appreciate some of the more complex and
> > > challenging subjects and theories that we missed out on during our
> > > "younger" days! :)
> > > Best of luck to you Harold!
> > > See you at the top (Extra Class) !
> > > '73!
> > > Tom KC8TBY
> > >
> > > Thomas K. Lane
> > >
> > > Lane Computer Services
> > >
> > > http://home.comcast.net/~techman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > > <http://home.comcast.net/%7Etechman65A+

> <http://home.comcast.net/%7Etechman65A+>> Certified & Network+
> > > Certified ComputerTechnician
> > >
> > >
> > >
> > > _____
> > > From: Harold Burton <kd5sak@sbcglobal.net
> <mailto:kd5sak%40sbcglobal.net> <mailto:kd5sak%40sbcglobal.net>>
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > > Sent: Wednesday, February 25, 2009 10:17:15 AM
> > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > >
> > > Being a high school drop out with B. S. and Masters degrees in
> Education,
> > > my educational background is unusual enough that I'm basicly math
> > > illiterate. I worked as a design drafter (CAD) in
> > > engineering offices for several years, which forced me to get a
> grasp on
> > > some aspects of math.
> > > Perhaps I can do the same with the Ham Expert test.
> > >
> > > Harold
> > > KD5SAK
> > >
> > > ----- Original Message -----
> > > From: "John Chapman" <jlchapman2@gmail. com>
> > > To: <FT897@yahoogroups. com>
> > > Sent: Tuesday, February 24, 2009 8:50 AM
> > > Subject: Re: [FT897] Re: General Question about the Extra licence
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> > > > Harold,
> > > > As you know, there are plentyof study guides out. Most of them
> will take
> > > > you through the math or at least give you some good clues on how to
> > > "gut"
> > > > through the answers. Over all the math isn't all that hard, and
> a good
> > > > calculator to do the math isn't that expensive at the various office
> > > > supply
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> > > > Good luck, I'm keep getting 80's on my on-line tests, so I'll
> probably
> > > > test
> > > > for my Extra at the next session next month.
> > > >
> > > > Cheers,
> > > > John
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> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.3/1974 - Release Date: 02/26/09 14:51:00

[Non-text portions of this message have been removed]

25210. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-27 15:56:58 UTC
From: Jim
Topic: 25128 Message: 25210

That is a good reason to know the material, rather than trying to
memorize it. Contrary to popular belief, the answer is now always "C". :)

Peter Robinson wrote:
>
> Jim - here is how I see it from the examiners' side of the desk.
>
> The question pool is fixed and published because of the US Freedom of
> Information Act. The current pool for each element is available in
> books and over the internet. The pool contains at least 10 times as
> many questions as are required for each section of the exam. When a
> paper is generated, the software randomly selects from the pool,
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> weightings. An individual question could turn up as Q 3 on one paper
> and Q 6 on another etc. Each Q has one attractor (correct answer) and
> three distractors (wrong answers), but even if identical questions
> turn up on separate papers, the correct answer might be option a) on
> one paper, but (say) option d) on the second. When printed, each paper
> carries a multi digit signature on the front cover, four characters of
> which tell the VEs which template to use when marking the paper.
>
> Hope this helps a little.
>
> 73 de Peter - G?FIM / AA3JN
>
> ARRL VEC - Solent (England) VE Team
>
> ----- Original Message -----
> From: Jim
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Friday, February 27, 2009 1:10 AM
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
> THe questions are the same in both books because those are the questions
> available to make up the tests from. Each test is supposed to be a
> subset of those questions that were picked by the VE group .. I think
> its called the VEC?
>
> af6cm_yahoo@... <mailto:af6cm_yahoo%40myfastmail.com> wrote:
> >
> > I have never been a fan of (or good at) simple memorization. I much
> > prefer to understand the material. The information that one learns
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> > AF6CM
> >
> > On Wed, 25 Feb 2009 21:09:19 -0500, "Jim" <liteways@...
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> > > When you take an on line test, it is a good idea to google the
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> > >
> > > WB8QGT
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> > > Kerryguy7 wrote:
> > > >
> > > > Harold,
> > > > I can certainly understand and identify with your situation! Like
> > > > yourself , due to circumstances beyond my control, my "high school"
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> > and
> > > > develop any of the more complex math skills through self education
> > and
> > > > dogged determination...but boy oh boy it hasn't been easy! So, as a
> > > > former President once said, "I feel your pain"!
> > > > Like yourself Harold, I too am studying for the Extra class
> exam. For
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> > > > challenging subjects and theories that we missed out on during our

> > > > "younger" days! :)
> > > > Best of luck to you Harold!
> > > > See you at the top (Extra Class) !
> > > > '73!
> > > > Tom KC8TBY
> > > >
> > > > Thomas K. Lane
> > > >
> > > > Lane Computer Services
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> > > > http://home.comcast.net/~techman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>>
> > > > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>>> Certified & Network+
> > > > Certified ComputerTechnician
> > > >
> > > >
> > > >
> > > > _____
> > > > From: Harold Burton <kd5sak@...
> <mailto:kd5sak%40sbcglobal.net>
> > <mailto:kd5sak%40sbcglobal.net> <mailto:kd5sak%40sbcglobal.net>>
> > > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com>
> > > > Sent: Wednesday, February 25, 2009 10:17:15 AM
> > > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > > >
> > > > Being a high school drop out with B. S. and Masters degrees in
> > Education,
> > > > my educational background is unusual enough that I'm basicly math
> > > > illiterate. I worked as a design drafter (CAD) in
> > > > engineering offices for several years, which forced me to get a
> > grasp on
> > > > some aspects of math.
> > > > Perhaps I can do the same with the Ham Expert test.
> > > >
> > > > Harold
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> > > >
> > > > ----- Original Message -----
> > > > From: "John Chapman" <jlchapman2@gmail. com>
> > > > To: <FT897@yahoogroups. com>
> > > > Sent: Tuesday, February 24, 2009 8:50 AM
> > > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > > >

> > > > > Harold,
> > > > > As you know, there are plentyof study guides out. Most of them
> > will take
> > > > > you through the math or at least give you some good clues on
> how to
> > > > "gut"
> > > > > through the answers. Over all the math isn't all that hard, and
> > a good
> > > > > calculator to do the math isn't that expensive at the various
> office
> > > > > supply
> > > > > houses.
> > > > >
> > > > > Good luck, I'm keep getting 80's on my on-line tests, so I'll
> > probably
> > > > > test
> > > > > for my Extra at the next session next month.
> > > > >
> > > > > Cheers,
> > > > > John
> > > > > KC5MIB
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> >
> > --
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.0.237 / Virus Database: 270.11.3/1974 - Release Date:
> > 02/26/09 14:51:00
> >
> > [Non-text portions of this message have been removed]
> >
> >

25211. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-27 20:54:41 UTC
From: Peter Robinson
Topic: 25128 Message: 25211

Yes I would advocate learning the material rather than just trying to memorise. Having said that, one of the best ways to learn material after you have done your basic study is to do as many past/practise papers as possible. Go through the questions that you get right and especially those you get wrong - going to the appropriate study sections in the text books. When the same and/or similar questions come up, you will recognise them and start to get them right.

One of the important things as an examiner is to settle the candidates before they start a test. If you can do this, you find out what the candidates can do, rather than underlining their weaknesses. It is very easy to intimidate people and make them fail. What is really required is to help candidates to show you their true level. I have looked through lots of papers. In some cases it is obvious that people are not ready. You can still let them down lightly, but the msg has to be, "Go and do some study". In other cases, discussion can elucidate the fact that material was often understood, but that exam nerves or whatever took over, questions were misunderstood, etc etc. If they are within a question or two of the pass mark, then it is worth encouraging them to have another go. A pat high up on the back works a lot better than a kick lower down.

73 de Peter - GØFIM / AA3JN

Why do creditors always have better memories than debtors?

----- Original Message -----
From: Jim
To: FT897@...m
Sent: Friday, February 27, 2009 3:56 PM
Subject: Re: [FT897] Re: General Question about the Extra licence

That is a good reason to know the material, rather than trying to
memorize it. Contrary to popular belief, the answer is now always "C". :)

Peter Robinson wrote:
>
> Jim - here is how I see it from the examiners' side of the desk.
>
> The question pool is fixed and published because of the US Freedom of
> Information Act. The current pool for each element is available in
> books and over the internet. The pool contains at least 10 times as
> many questions as are required for each section of the exam. When a
> paper is generated, the software randomly selects from the pool,
> putting in the required no of questions for each part according to the
> weightings. An individual question could turn up as Q 3 on one paper
> and Q 6 on another etc. Each Q has one attractor (correct answer) and
> three distractors (wrong answers), but even if identical questions
> turn up on separate papers, the correct answer might be option a) on
> one paper, but (say) option d) on the second. When printed, each paper

> carries a multi digit signature on the front cover, four characters of
> which tell the VEs which template to use when marking the paper.
>
> Hope this helps a little.
>
> 73 de Peter - GØFIM / AA3JN
>
> ARRL VEC - Solent (England) VE Team
>
> ----- Original Message -----
> From: Jim
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Friday, February 27, 2009 1:10 AM
> Subject: Re: [FT897] Re: General Question about the Extra licence
>
> THe questions are the same in both books because those are the questions
> available to make up the tests from. Each test is supposed to be a
> subset of those questions that were picked by the VE group .. I think
> its called the VEC?
>
> af6cm_yahoo@... <mailto:af6cm_yahoo%40myfastmail.com> wrote:
> >
> > I have never been a fan of (or good at) simple memorization. I much
> > prefer to understand the material. The information that one learns
> > for the license is useful - so it is best to understand it. If you
> > don't understand it, it won't be very useful to you.
> >
> > When I was studying for my Extra, I initially used the Gordon
> > West book. His books had worked well for me for the Tech and General
> > licenses.
> >
> > Unfortunately I found that his Extra book was sometimes lacking in the
> > explanation department. Some answers essentially said to memorize.
> > That's not what I want! So, I bought the ARRL book and found that
> > it did explain things fairly well. I even got the impression that
> > the questions and the ARRL book came from the same source.
> >
> > Rob
> > AF6CM
> >
> > On Wed, 25 Feb 2009 21:09:19 -0500, "Jim" <liteways@...
> <mailto:liteways%40gmail.com>
> > <mailto:liteways%40gmail.com>> said:
> > > When you take an on line test, it is a good idea to google the
> question
> > > and answer so you understand it, rather than just try to memorize the
> > > answers.
> > >
> > > WB8QGT
> > >

> > > Kerryguy7 wrote:
> > > >
> > > > Harold,
> > > > I can certainly understand and identify with your situation! Like
> > > > yourself , due to circumstances beyond my control, my "high school"
> > > > education was somewhat less than optimal. I too have had to obtain
> > and
> > > > develop any of the more complex math skills through self education
> > and
> > > > dogged determination...but boy oh boy it hasn't been easy! So, as a
> > > > former President once said, "I feel your pain"!
> > > > Like yourself Harold, I too am studying for the Extra class
> exam. For
> > > > what its worth I find that the exam preparation materials
> > published by
> > > > the "Gordon West" group seem to be the best way (for me anyway) to
> > > > help not just to learn the correct answers to the question pool BUT,
> > > > more importantly, to understand the "whys and wherefores" that lie
> > > > beneath the theory and help me understand some of the more complex
> > > > electronic and mathematical concepts surrounding our hobby. I'm sure
> > > > there are other grear ways to prepare for this exam but, well, this
> > > > series seems to work best for me. There are lots of great materials
> > > > out there!
> > > > I guess that you and I have been presented somewhat of a second
> > chance
> > > > to learn and to more fully appreciate some of the more complex and
> > > > challenging subjects and theories that we missed out on during our
> > > > "younger" days! :)
> > > > Best of luck to you Harold!
> > > > See you at the top (Extra Class) !
> > > > '73!
> > > > Tom KC8TBY
> > > >
> > > > Thomas K. Lane
> > > >
> > > > Lane Computer Services
> > > >
> > > > http://home.comcast.net/~techman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>>
> > > > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>
> > <http://home.comcast.net/%7Etechman65A+
> <http://home.comcast.net/%7Etechman65A+>>> Certified & Network+
> > > > Certified ComputerTechnician
> > > >
> > > >
> > > >
> > > > _____

> > > > From: Harold Burton <kd5sak@...
> <mailto:kd5sak%40sbcglobal.net>
> > <mailto:kd5sak%40sbcglobal.net> <mailto:kd5sak%40sbcglobal.net>>
> > > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com>
> > > > Sent: Wednesday, February 25, 2009 10:17:15 AM
> > > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > > >
> > > > Being a high school drop out with B. S. and Masters degrees in
> > Education,
> > > > my educational background is unusual enough that I'm basicly math
> > > > illiterate. I worked as a design drafter (CAD) in
> > > > engineering offices for several years, which forced me to get a
> > grasp on
> > > > some aspects of math.
> > > > Perhaps I can do the same with the Ham Expert test.
> > > >
> > > > Harold
> > > > KD5SAK
> > > >
> > > > ----- Original Message -----
> > > > From: "John Chapman" <jlchapman2@gmail. com>
> > > > To: <FT897@yahoogroups. com>
> > > > Sent: Tuesday, February 24, 2009 8:50 AM
> > > > Subject: Re: [FT897] Re: General Question about the Extra licence
> > > >
> > > > > Harold,
> > > > > As you know, there are plentyof study guides out. Most of them
> > will take
> > > > > you through the math or at least give you some good clues on
> how to
> > > > "gut"
> > > > > through the answers. Over all the math isn't all that hard, and
> > a good
> > > > > calculator to do the math isn't that expensive at the various
> office
> > > > supply
> > > > > houses.
> > > > >
> > > > > Good luck, I'm keep getting 80's on my on-line tests, so I'll
> > probably
> > > > > test
> > > > > for my Extra at the next session next month.
> > > > >
> > > > > Cheers,
> > > > > John
> > > > > KC5MIB
> > > > >
> > > >

> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> >
> >
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.3/1974 - Release Date:
> 02/26/09 14:51:00
>
> [Non-text portions of this message have been removed]
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.4/1976 - Release Date: 02/27/09 13:27:00

[Non-text portions of this message have been removed]

25212. Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-28 09:56:23 UTC
From: n8mfn
Topic: 25179 Message: 25212

>Paul you may want to check the MARS roster and get in contact with
AAR5CO. Ryan just did my mod and you loose the auto offset and the 60
mtr presets but you put them back in the memeory and you are good to go
Rick
N8MFN
AAR5CN ARMY MARS,OH

[Non-text portions of this message have been removed]
>

25213. Re: [FT897] Re: CAT question

Yahoo group: FT897 (2009)
Date: 2009-02-28 21:42:54 UTC
From: Jim
Topic: 24639 Message: 25213

I determined that the CAT port was defective and sent it back the Yaesu. I just got a post card from them saying that non warranty repairs might take longer than warranty repairs. I am still hoping to get it back next week.

Bill Barron wrote:
>
>
> I assume you are trying to connect Ham Radio Deluxe software.
>
> Check:
>
> 1) Cat plug securely seated in 897.
> This is most often the problem.
> Be sure to use 897 CAT port .. not DATA port.
>
> 2) Proper driver installed from CAT to USB adapter;
> if you are using one. See drivers at
> http://www.manhattan-support.com/en-
> <http://www.manhattan-support.com/en->
> US/support/downloads/product/708-usb-to-serial-converter
>
> Some USB/Serial cables don't work.
> Manhattan and Radio shack do work.
>
> 3) PC baud at 9600 and 897 menu # 19 at 9600.
> Don't go faster [creates 897 noise]
> If really old PC, try 4800 on both PC and 897.
>
> 4) Don't rename PC serial ports
> Make sure RTS box only checked on HRD software
>
> 5) 897 Menus:
> a) #20 to CAT
> b) #85 to OFF
> NOTE: 897 must be on BEFORE you start HRD software!
>
> Good luck!
>
> Bill W1WAB
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim
> Coon <liteways@...> wrote:
> >
> > I am having trouble getting my computer to talk to my 897. I

> measured
> > the voltages on the 8 pin connector and I get 13.8 volts on pin 1 to
> the
> > ground pin. The Rx D reads about 5 volts and the Tx D reads about
> 5
> > volts. are these voltages correct?
> >
> > I have menu 20 set to CAT and Menu 19 set to 38400. I've tried
> 4800
> > and still no connection to the computer. Tried the C-62 cable and a
> > tinycat box. Same result. Any ideas what to try next?
> >
>
>

25214. Filter and CW Questions

Yahoo group: FT897 (2009)
Date: 2009-03-01 04:09:50 UTC
From: ryan_ab8xx
Topic: 25214 Message: 25214

Hello all,

I have had a FT-897 since 2003 when I got my license. It has been my main HF/VHF rig. It is fine for most of what I do, but am now seeing how receiver performance is lacking when it comes to CW contest and weak signal DX. I would upgrade to a "middle class" grade HF rig but really just do not want to spend $1000+ on a radio right now.

Due to this, I am considering installing a 300Hz filter for CW and digital modes. Inrad, Yaesu, and W4RT all have 300Hz filters. Which one is preferred the most? I am currently leaning towards the Inrad 300Hz. Any thoughs?

Since installing a 2.3kHz filter really does not gain you much, has anyone installed a 2.0kHz Inrad filter? How well did it perform?

Since this is an early model 2003 FT-897, is the increased performance worth spending $250 on filters? I am more interested in improving CW performance than SSB but if the 2khz filter will improve average power out for "more punch" on SSB, I would be interested.

And now a couple of other questions.

Is there any harm running full break in delay when running CW? I send at about 25-30wpm and the relay clatters away. If the delay is set for about 100ms it switches back to rx in between about every character sent. I use the narrowband DSP filter on CW and it really "slows" down the rig on full break in. Is that normal? Can it be fixed?

These may sound like "dumb" questions considering I have had the rig nearly 6 years but I am now just getting back into CW and with faster speeds.

Any comments/suggestions would be appreciated!

73, Ryan AB8XX

25215. Re: [FT897] Filter and CW Questions

Yahoo group: FT897 (2009)
Date: 2009-03-01 04:45:46 UTC
From: Jim
Topic: 25214 Message: 25215

I have the filters in. It improves the selectivity, but not the sensitivity.

ryan_ab8xx wrote:
>
> Hello all,
>
> I have had a FT-897 since 2003 when I got my license. It has been my
> main HF/VHF rig. It is fine for most of what I do, but am now seeing
> how receiver performance is lacking when it comes to CW contest and
> weak signal DX. I would upgrade to a "middle class" grade HF rig but
> really just do not want to spend $1000+ on a radio right now.
>
> Due to this, I am considering installing a 300Hz filter for CW and
> digital modes. Inrad, Yaesu, and W4RT all have 300Hz filters. Which
> one is preferred the most? I am currently leaning towards the Inrad
> 300Hz. Any thoughs?
>
> Since installing a 2.3kHz filter really does not gain you much, has
> anyone installed a 2.0kHz Inrad filter? How well did it perform?
>
> Since this is an early model 2003 FT-897, is the increased performance
> worth spending $250 on filters? I am more interested in improving CW
> performance than SSB but if the 2khz filter will improve average power
> out for "more punch" on SSB, I would be interested.
>
> And now a couple of other questions.
>
> Is there any harm running full break in delay when running CW? I send
> at about 25-30wpm and the relay clatters away. If the delay is set for
> about 100ms it switches back to rx in between about every character
> sent. I use the narrowband DSP filter on CW and it really "slows" down
> the rig on full break in. Is that normal? Can it be fixed?
>
> These may sound like "dumb" questions considering I have had the rig
> nearly 6 years but I am now just getting back into CW and with faster
> speeds.
>
> Any comments/suggestions would be appreciated!
>
> 73, Ryan AB8XX
>
>

25216. Re: Filter and CW Questions

Yahoo group: FT897 (2009)
Date: 2009-03-01 05:05:33 UTC
From: Steve Yates
Topic: 25214 Message: 25216

Hi Ryan,

I have the W4RT 300 Hz filter in my FT-897D that I bought a year ago. I've operated just about every CW contest since then and the rig performs well. There is a bit of propagation delay through the mechanical filter and this causes a delay in the AGC loop. This manisfest itself as a slight pop at the begining of characters in fast AGC. This isn't unusual and probably occurs in most rigs. The addition of the DSP filter totally removes the pop.

The only performance degradation I've ever notice with the FT-897 was caused by the AGC being pumped by interfering signals (AGC blocking). This is really a problem when using the DSP filter since it operates outside the AGC loop so filtered signals will still activate the AGC. The 300 Hz filter helps tremdously in this regard. However, even without the mechanical filter and just the DSP filter you can mitigate the problem by cranking back the RF gain until the AGC is at the level of the offending signals and simply compensate for the loss by cranking up the AF gain. Not perfect but will work amazingly well. For me this procedure increases the dynamic range of the detected audio and gives the filter between my ears more data to work with in decoding CW amongst many stations.

In regards to full break-in operation the rig was designed for it so I wouldn't think you should 'expect' damage but since the relay is a mechanical device there is probably some wear on the contacts over time. I use full breakin during contests and working DX and set the delay for about 500 ms for the rest of the time. In case you haven't noticed, the relay is not in the circuit on 2m and 70cm making full break-in on those bands very quiet. Of course you probably won't get many pileups there but I did use QSK during the August UHF contest.

In regards to the DSP slowing down the rig during QSK I have no idea what you mean. I reckon I haven't experienced that one.

73,
Steve Yates - AA5TB

http://www.aa5tb.com/
http://groups.yahoo.com/group/NORTEX_QRP/

25217. Re: Ft 897d and mh-36e8j .....A & B Buttons Help.

Yahoo group: FT897 (2009)
Date: 2009-03-01 08:58:01 UTC
From: andybarrett1
Topic: 24968 Message: 25217

Thank you all for your help

It does seem we are stuck with what we do know....

73's de Andy

--- In FT897@yahoogroups.com, "JAMES AMBURN" <james.amburn@...> wrote:
>
> Hi Andy,
> My books show this mike as an option DTMF mike for the FT-857D radio but gives no other information. I would recommend call Yaesu and talk to a tech there. Sorry I can not be more help.
> Jim N0TUI
> ----- Original Message -----
> From: tenorman1952<mailto:tenorman1952@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Thursday, February 12, 2009 9:20 AM
> Subject: [FT897] Re: Ft 897d and mh-36e8j .....A & B Buttons Help.
>
>
> --- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "andybarrett1" <andybarrett1@> wrote:
> >
> > Hi All...
> >
> > Thanks for any help you can give....
> >
> > I have just purchased a MH-36E8J DTMF Mic for my Radio:-
> >
> > Question....Is there any way of programming the A & B Buttons to
> any
> > thing other than the "running man" Tcall or repeater shift would be
> > good....Any clues welcome?
> >
> > If any thing can be done?
> >
> > Thank you 73's de Andy G7IIF
>
> I have the same mic, Andy, and can find nothing in either the manual
> or at the Yaesu website that would give more information about taking
> advantage of the obvious capabilities of this mic.
>
> Paul
> AE5JU
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

25218. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: Unix timestamp -125529832614 [implausible archived timestamp]
From: FT897@yahoogroups.com
Topic: 5240 Message: 25218

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

25219. SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-03-02 11:55:40 UTC
From: Selva Kumar R
Topic: 25219 Message: 25219

I have set the meter on the Display to show SWR readings, but I cant find out how to interpret the scale reading on the display for SWR.

The only reading that seems to be easily made is the Signal Strength meter (the S reading also shows a numeric display)

If the bar shows 3 markings from the left when on SWR, what does it mean (1.3:1 or 3:1)?? Is there any reference to be used similarly for power, ALC etc?.

Best 73,
-Selva
VU3RWB

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[Non-text portions of this message have been removed]

25220. Re: [FT897] SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-03-02 12:26:43 UTC
From: Ramesh Kumar
Topic: 25219 Message: 25220

Hi Selva

Probably this will give you an idea
http://hamradiohomebrew.blogspot.com/2008/12/interperting-meter-readings-swr-pwr.html

73

Ramesh Kumar

--- On Mon, 3/2/09, Selva Kumar R <SelvaKumar.R@...> wrote:
From: Selva Kumar R <SelvaKumar.R@...>
Subject: [FT897] SWR Meter on the 897
To: FT897@yahoogroups.com
Date: Monday, March 2, 2009, 5:25 PM

I have set the meter on the Display to show SWR readings, but I cant

find out how to interpret the scale reading on the display for SWR.

The only reading that seems to be easily made is the Signal Strength

meter (the S reading also shows a numeric display)

If the bar shows 3 markings from the left when on SWR, what does it mean

(1.3:1 or 3:1)?? Is there any reference to be used similarly for power,

ALC etc?.

Best 73,

-Selva

VU3RWB

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25221. Re: [FT897] SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-03-02 12:55:47 UTC
From: Jim
Topic: 25219 Message: 25221

Thanks, that is a good article

Ramesh Kumar wrote:
>
> Hi Selva
>
> Probably this will give you an idea
> http://hamradiohomebrew.blogspot.com/2008/12/interperting-meter-readings-swr-pwr.html
> <http://hamradiohomebrew.blogspot.com/2008/12/interperting-meter-readings-swr-pwr.html>
>
> 73
>
> Ramesh Kumar
>
> --- On Mon, 3/2/09, Selva Kumar R <SelvaKumar.R@...
> <mailto:SelvaKumar.R%40cwgoindia.com>> wrote:
> From: Selva Kumar R <SelvaKumar.R@...
> <mailto:SelvaKumar.R%40cwgoindia.com>>
> Subject: [FT897] SWR Meter on the 897
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Monday, March 2, 2009, 5:25 PM
>
> I have set the meter on the Display to show SWR readings, but I cant
>
> find out how to interpret the scale reading on the display for SWR.
>
> The only reading that seems to be easily made is the Signal Strength
>
> meter (the S reading also shows a numeric display)
>
> If the bar shows 3 markings from the left when on SWR, what does it mean
>
> (1.3:1 or 3:1)?? Is there any reference to be used similarly for power,
>
> ALC etc?.
>
> Best 73,
>
> -Selva
>
> VU3RWB
>
> This e-mail has been scanned for viruses by the Cable & Wireless
> e-mail security system - powered by MessageLabs. For more information
> on a proactive managed e-mail security service, visit http://www.cw.

> com/uk/emailprot ection/
>
> The information contained in this e-mail is confidential and may also
> be subject to legal privilege. It is intended only for the
> recipient(s) named above. If you are not named above as a recipient,
> you must not read, copy, disclose, forward or otherwise use the
> information contained in this email. If you have received this e-mail
> in error, please notify the sender (whose contact details are above)
> immediately by reply e-mail and delete the message and any attachments
> without retaining any copies.
>
> Cable and Wireless plc
>
> Registered in England and Wales.Company Number 238525
>
> Registered office: 3rd Floor, 26 Red Lion Square, London WC1R 4HQ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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25222. Data connector for HRD control

Yahoo group: FT897 (2009)
Date: 2009-03-02 13:26:03 UTC
From: Hank
Topic: 25222 Message: 25222

Hello all. I am a new owner of an FT-897, and so far I love it. I have HRD controlling the radio, and now need to hook up the audio connections. That's where I need clarification.

In the FT-897 manual, they show a pin-out for the RTTY/PSK connector. Is the pin-out they show in the manual on the radio side or the connector side? I'm pretty sure it is the radio side, but I want to make sure before I solder the connector.

Thanks for the great group, I've been reading the messages and actually learning a lot. This is the first digital radio I've owned and it is a completely new experience. My previous HF rigs were a Drake TR-4C and a Kenwood TS-520SE. I'm sure I will have more questions as I move along.

73 de Hank - KB4MTO

25223. Re: [FT897] Data connector for HRD control

Yahoo group: FT897 (2009)
Date: 2009-03-02 16:13:52 UTC
From: n5ztw@texasdata.net
Topic: 25222 Message: 25223

Hi Hank,
Go to the files section under "sound card interfaces"
I uploaded many detailed drawings of all the cables and
connectors as viewed from the solder side. The TinCAT manual
also has these details.
Hope it helps.
Del N5ZTW

----- Original Message Follows -----
From: "Hank" <hank@...>
To: FT897@yahoogroups.com
Subject: [FT897] Data connector for HRD control
Date: Mon, 02 Mar 2009 13:26:03 -0000

> Hello all. I am a new owner of an FT-897, and so far I
> love it. I have HRD controlling the radio, and now need
> to hook up the audio connections. That's where I need
> clarification.
>
> In the FT-897 manual, they show a pin-out for the RTTY/PSK
> connector. Is the pin-out they show in the manual on the
> radio side or the connector side? I'm pretty sure it is
> the radio side, but I want to make sure before I solder
> the connector.
>
> Thanks for the great group, I've been reading the messages
> and actually learning a lot. This is the first digital
> radio I've owned and it is a completely new experience.
> My previous HF rigs were a Drake TR-4C and a Kenwood
> TS-520SE. I'm sure I will have more questions as I move
> along.
>
> 73 de Hank - KB4MTO
>
>
>
>

25224. ft897d filters

Yahoo group: FT897 (2009)
Date: 2009-03-03 01:36:21 UTC
From: Dennis Smith
Topic: 25224 Message: 25224

I am planning on ordering 2 ft897d, 1 for mobile and 1 for home. I am only interested in cw. Does the W4RT cw filter make enough difference to justify the expense. Also should i order the 300 or 500 hz filters. I can't very well take the 746pro mobile so i thought i would go the 897d route.
Thanks Dennis W5VAF in ar

25225. Re: [FT897] ft897d filters

Yahoo group: FT897 (2009)
Date: 2009-03-03 02:58:16 UTC
From: kc3vo@aol.com
Topic: 25224 Message: 25225

The 300 hz filter is narrower, reduces interference better, but makes frequency matching/accuracy/tuning a little more touchy. Have you considered the FT-857? It is the SAME radio, in a smaller package, with "remote control head" capability. It might fit your mobile easier!--Operational features, power, filters, bands, etc are the same, with the exception that the FT-857 is smaller, and you cannot put batteries or power supply inside/onto the unit. The circuitry is almost identical in both radios.-73, KC3VO, Bob Curry
**********Need a job? Find employment help in your area. (http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)

[Non-text portions of this message have been removed]

25226. RE: [FT897] ft897d filters

Yahoo group: FT897 (2009)
Date: 2009-03-04 05:55:11 UTC
From: Tedd Vidler
Topic: 25224 Message: 25226

I am using an FT-897D for station digital and portable in my motor home. I have a small Jeep and installed the Ft-857D with the head mounted on the dash. I use the optional remote mikes on both. I used the 897 in a pickup cab but it is large with a LDG AT897 tuner attached. You might want to consider a similar option.

Tedd - VE4VID

> To: FT897@yahoogroups.com
> From: dsmith72401@...
> Date: Tue, 3 Mar 2009 01:36:21 +0000
> Subject: [FT897] ft897d filters
>
> I am planning on ordering 2 ft897d, 1 for mobile and 1 for home. I am
> only interested in cw. Does the W4RT cw filter make enough difference
> to justify the expense. Also should i order the 300 or 500 hz filters.
> I can't very well take the 746pro mobile so i thought i would go the
> 897d route.
> Thanks Dennis W5VAF in ar
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

Chat with the whole group, and bring everyone together.
http://go.microsoft.com/?linkid=9650735

[Non-text portions of this message have been removed]

25227. Which antennas to use?

Yahoo group: FT897 (2009)
Date: 2009-03-01 05:02:14 UTC
From: ke5yyz
Topic: 25227 Message: 25227

I've read so many reviws that say the ATAS120 is no good and some that say that its a good deal. Regardless of all those revies, I think I will go for dual antennas. I am planning on getting the FT897D within the next two weeks. I am interested in going with dual anntennas. One for HF and one for vhf/uhf. I would like to get some recommendations from the group? I am planning on installing this rig in a Jeep, so there's not much room for anything... Your thoughts.

73
Oscar
KE5YYZ

PS: I'm taking my general exam soon and I feel extremely confident of passing that I'm buying my rig now.

25228. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-27 01:02:12 UTC
From: Paul Linkous(kd8hpt)
Topic: 25179 Message: 25228

Yes I can operate in the MARS HF frequencies.
I can NOT TX in any other HF frequencies other then 28.300 - 28.500.
If you read my sig at the bottom of this response you will see that I have a
Army/MARS call.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T
-------Original Message-------

From: Stewart Nelson
Date: 2/26/2009 3:40:39 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: MARS MOD

From KD5LBE: The two call signs that are in this message KD8HPT and
N8PHL were both paul's call signs and come back to a Tech License
when I checked. Can you operate in the HF part of the MARS bands
with a tech license?

--- In FT897@yahoogroups.com, "Paul Linkous(kd8hpt)" <kd8hpt@...>
wrote:
>
> I am looking for the mars mod for this radio.
> YES I am ARMY/MARS.
> I need to be able to open both the VHF and the HF side of this
radio for ues
> with ARMY/MARS.
>
> Thank you in advance.
>
>
> ï»¿ ï»¿ ï»¿ ï»¿ ï»¿ ï»¿
> Paul H Linkous III
> Columbus,OH
> 43223

>
> N8PHL-9
>
> Perry County OH ARES EC
> COARES
> C.E.R.T.
> FIRST RESPONDER
> COTN
> Army MARS AAR5EA/T
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25229. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-28 13:14:22 UTC
From: Paul Linkous(kd8hpt)
Topic: 25179 Message: 25229

Thank you for the response I will see if I can find a copy of the roster I changed PC's and don't know if I still have it.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T
-------Original Message-------

From: n8mfn
Date: 2/28/2009 4:56:28 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: MARS MOD

>Paul you may want to check the MARS roster and get in contact with AAR5CO. Ryan just did my mod and you loose the auto offset and the 60 mtr presets but you put them back in the memeory and you are good to go
Rick
N8MFN
AAR5CN ARMY MARS,OH

[Non-text portions of this message have been removed]
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25230. SSB Collins 2.5 Filter

Yahoo group: FT897 (2009)
Date: 2009-02-28 13:16:56 UTC
From: Thomas Meggison
Topic: 25230 Message: 25230

Good day all, I am a new ham so please allow me to ask what might be a dumb question. I recently purchased a used 897D that has the SSB Collins 2.5 filter installed. Well, here is the question, what the heck is that? Next how do I use it. Do I have to go to a menu to turn it on? How will I notice that I am using it? Does it effect all of the bands?
I have looked around for some literature on it and can find none, it their literature on this?
I hope someone can give me some information on it, or steer me in the correct direction.
Thanks all

Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee

[Non-text portions of this message have been removed]

25231. Re: MD-100 A8x Mic

Yahoo group: FT897 (2009)
Date: 2009-02-25 19:31:22 UTC
From: kd8jnh
Topic: 25037 Message: 25231

Hey thanks for the input Kirk , I will kepp that in mind . I am only gonna use the mic with a boom arm setup . i do not plan on useing the base of the mic I am setting up a foot switch to the ptt side , I will be useing a rig control program to operate the radio so any mic functions is not neaded to control the radio its self. Again thanks and 73's

Jerry kd8jnh

--- In FT897@yahoogroups.com, "kbrown1075" <kirkann@...> wrote:
>
> I have the MD-100 on my 897D and found it to be a bit of a
> dissapointment. If all you want to use it for is a mic, then it
will
> work, however if you want the ability to scan and change freq with
the
> control on the base then you may want to think about it. I have
found
> that to bump freq up or down in a fine adjustment it will work,
but if
> you hold the control, for example "down" position" it will shut
the
> radio off. Holding it in the up position will cause it to go into
vfo
> up scan. I find myself still using the MH-31 mic that came with
the 897
> more than the MD-100.
>
> Good luck with your choice,
>
> Kirk
> N1TVF
>
>
> --- In FT897@yahoogroups.com, "kd8jnh" <kd8jnh@> wrote:
> >
> > I am thinking of getting the MD100 mic for my 897/D . How ever
I am
> > wanting to mount it onto a boom i have made up from a work lamp
arm .
> >
> > Can the MD100 be set up on a foot switch with out having the
base
> > attached to it>? Also does any one know how well the mic works
on

> the
> > 897 to begin with ?
> >
> >
> > Thanks and 73's
> >
> > Jerry
> >
>

25232. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-02-26 02:14:55 UTC
From: aj4ad
Topic: 25128 Message: 25232

Honestly who has the time to read the ENTIRE question pool every day?! If you have that much time and the ability to recognize every answer out of a several hundred item question pool, then you obviously have the intelligence to learn the theory and apply it. That's the whole point!!

Gabe

--- In FT897@yahoogroups.com, Robert <robertmayhelp@...> wrote:
>
> Here are the corrected suggestions:

> 4) study the whole question pool everday. Concentrate on the questions that you regularly miss and think of a creative way to remember the answer.
> 5) Be confident in your ability and walk right into the exam room and own the room and the exam.
>
>

25233. SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-02-27 21:51:03 UTC
From: wb1hjs
Topic: 25233 Message: 25233

Hi everyone

New 897 owner here, and using it to get back into ham radio after a 16 year hiatus. I'm still station building, and right now I have no real V/UHF antenna setup, or an external SWR meter, but I just bought an HT antenna - a Diamond RH789, which I plan to use for portable repeater usage.

According to the specs, it's a 1/4 wave @ 2m and a 5/8 wave at 70 cm, so I'd think it's be fine. however, with the rig dialed back to 5W, I'm seeing a high swr indicated on the meter and the "HSWR" idiot light on the display, everywhere on both bands. HF SWR meter performance is fine. I saw similar results with a P1 vertical antenna configured for each of the bands.

Has anyone seen similar with their meters on the two highest bands.

thanks
Mark
WB1HJS

25234. New to the goroup and 897d

Yahoo group: FT897 (2009)
Date: 2009-02-28 20:31:52 UTC
From: Matt Patterson
Topic: 25234 Message: 25234

Hi Guys,

I just recently aquired a 897d and have a few questions. I was looking thought the archives about batteries but couldn't find answers to my questions so I thought I would ask. Do most people use an external battery or the internal battery packs? If using a external battery how how big of one do you usually go with? About how long can you expect to operate on your chosen battery @ 20 watts?

73 Matt
W5LL

25235. Re: [FT897] Re: MARS MOD

Yahoo group: FT897 (2009)
Date: 2009-02-27 01:06:58 UTC
From: Paul Linkous(kd8hpt)
Topic: 25179 Message: 25235

Patrick you are correct to a point.
There is a new rule that says that every MARS member must with in one year upgrade to a GEN.

☐ ☐ ☐ ☐ ☐ ☐
Paul H Linkous III
Columbus,OH
43223

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
Army MARS AAR5EA/T
-------Original Message-------

From: Patrick Ouellette
Date: 2/26/2009 4:10:28 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: MARS MOD

On Thu, Feb 26, 2009 at 08:40:31PM -0000, Stewart Nelson wrote:
>
> From KD5LBE: The two call signs that are in this message KD8HPT and
> N8PHL were both paul's call signs and come back to a Tech License
> when I checked. Can you operate in the HF part of the MARS bands
> with a tech license?
>

No, you operate on MARS bands with a MARS license. The requirement to obtain a MARS license is a valid amateur radio license (I think technician class or better, but I could be mistaken on that).

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO
"Crank the amp to 11, this needs more cowbell - and a llama wouldn't hurt either"
"Your arguments are an odd mix of overly optimistic on one side and overly pessimistic on the other"

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25236. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-02-25 16:17:25 UTC
From: richardehead@ymail.com
Topic: 25153 Message: 25236

I'm brand new to the hobby (just got my General) and, like one of the other posters, money wasn't a particular issue but I found the 897 to have the mix of features I wanted and I couldn't beat the price. That said...

I bought the unit retail and the Extra Class store manager suggested three things: 1) Don't buy the Yaesu power supply. I bought a 23 amp Samlex for $100; 2) Don't buy the internal batteries unless you intend to use them soon and use them often. They're expensive and need to be taken care of; 3) Don't buy the Yaesu tuner. I bought the LDG AT-100Pro and it works extremely well--for the same price. Other guys in my club, most of whom are Yaesu fanatics, also disparaged the Yaesu tuner as junk compared to the LDG.

Hope that helps. Just my 2cents. KDØGDV

--- In FT897@yahoogroups.com, Curtis Popke <fxrcurt@...> wrote:
>
> Does the internal power supply FP-30 cause any hum, buzz or interference
> in the radio or is it completely audibly (<-is that a word?) invisible?
>
> Thanks Jim,
> You know a forum can be a great psychologist to really help you think. I don't
> want to just do what someone says but use what they say and make my own decision.
> Well I think I've made it. Being new to HF and having all the magazines I naturally want
> the biggest, prettiest most awesome rig I see. But right now that's putting the cart in front of the horse.
> I'm gonna get that FT-897D first. This way I will be more likely to add a say Cadillac later and have
> both a nice portable, grab and go setup AND a nicer base setup to enjoy in the future.
> If I were to get a larger base unit first I might not ever pickup the 897D.
> So Jim you said it right "big difference in listening pleasure" but I have to put function and
> need before pleasure. 756PRO or similar will have to come later but that's ok as long as I eventually
> end up with both rigs hi hi. Hope the xyl doesn't read this.
>
>
> >You need to think about how you are going to use the rig. It is a

very
> >nice portable unit, however, there are 80 some odd menu options
that you
> >need to change while you are operating and a small screen. So,
for a
> >main rig, something with more buttons and less menus might not be
a bad
> >idea. I ended up with an FT 897D for a back up/portable unit and
an
> >ICOM IC 756PRO for the main rig. There is a big difference in
listening
> >pleasure between the two.
> >Curtis Popke wrote:
> >
> > Hi Jim,
> > And thanks. I guess i have it narrowed down to 160 thru 70cm but
the
> > grab and go idea (mainly portable battery option) may be keeping
from
> > some slightly nicer HF radios. I'm so close to buying the 897D
but if
> > you could do it again, would you opt for say the IC-7000, MkIIG,
or
> > even Kenwood TS-2000 given what you know now?
> > Thanks for responding.
> > Curtis
> > N5FXR
>
>
>
>
> [Non-text portions of this message have been removed]
>

25237. Re: [FT897] FT897 Weak Audio Questions

Yahoo group: FT897 (2009)
Date: 2009-02-26 21:55:40 UTC
From: Niel Skousen
Topic: 25153 Message: 25237

Hi Guys,

There is no external connection except power (from a batt source)
No hum, just faint audio

Gonna try a master reset tonite, then probably back to Yaesu. The volume control is read by the front panel micro, the electronic volume controls are set on the main board via serial data. So not going to try to dig into 'is the right volume data being set etc. just curious before I box'ed it up, if anyone else had seen this, and been able to fix it....

Niel
WA7SSA

On Feb 25, 2009, at 6:06 PM, Jim wrote:

> Did you guys read the question at all? He said nothing about hum.
>
> kc3vo@... wrote:
> >
> > Have you/he removed all accessories? (Computer connections,
> headsets,
> > external speakers, sound cards, etc)--These items can affect/
> damage the
> > radio, if improperly configured. 73, KC3VO-Bob Curry
> >
> > -----Original Message-----
> > From: wayne morton <wayne_alan2000@...
> > <mailto:wayne_alan2000%40yahoo.com>>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Wed, 25 Feb 2009 3:36 pm
> > Subject: Re: [FT897] FT897 Weak Audio Questions
> >
> > A supid question BUT, have you tried running the radio via a
> battery to
> > see if
> > the hum is coming from the AC ??
> >
> > W5yne
> >
> >
> > --- On Wed, 2/25/09, Niel Skousen <nskousen@...
> > <mailto:nskousen%40talisman-intl.com>> wrote:
> >
> > From: Niel Skousen <nskousen@...

> > <mailto:nskousen%40talisman-intl.com>>
> > Subject: [FT897] FT897 Weak Audio Questions
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Date: Wednesday, February 25, 2009, 4:18 PM
> >
> > I'm having some problems with an 897 I sold to a friend, and
> wondering
> > if anyone has seen this before ?
> >
> > Abruptly several weeks ago the audio level dropped on the 897. The
> > receive performance seems to be ok, but the maximum audio out
> (speaker
> > and phones) is down by a factor of 6~8 (by ear, 10 dB or more).
> There
> > is no visual damage to the Audio PA chip, and it seems to be
> > contributing an appropriate amount of gain...
> >
> > Anybody seen this before ? Any extended / tech menu settings that
> > may apply ?
> >
> > Also, this is a non-D radio, if my friend sends it back to Yaesu for
> > repair, is it worth asking for a firmware upgrade ??
> >
> > Nie
> > l
> > WA7SSA
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
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>

[Non-text portions of this message have been removed]

25238. Re: [FT897] SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-04 07:02:38 UTC
From: kc3vo@aol.com
Topic: 25233 Message: 25238

How is the antenna mounted/connected, and what are you using for a ground plane for the antenna? How far away from the radio is the antenna? are any adaptors used? What about antenna cable? What is near the antenna? Is it outdoors?-73, KC3VO-Bob

**********Need a job? Find employment help in your area. (http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)

[Non-text portions of this message have been removed]

25239. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-04 07:11:01 UTC
From: Bruce Krell
Topic: 25128 Message: 25239

You can know the theory spot on cold, and easily fail the exam.
After learning the theory, you MUST study all of the questions in the pool.
Once you have learned the theory spot on cold, you will be able to fairly
quickly master the question pool by being able to recognize the right answer
to each question. Without knowing the theory, you won't be able to learn
the sight recognition. The relationship or keywords won't stick in your
head.

But, to think that you can learn the theory and then halfway study the
question
pool and go take the exam is inviting failure.

I wouldn't recommend you study the question pool without the theory,
but you really better study and master the question pool after the theory
and before taking the exam.

In the question pool, there are a lot of really obscure questions.
Not only that, but the wording of the answer is often critical. You can
know the theory and fail to recognize the specific wording of the answer.

You have to study both in great detail.

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
aj4ad
Sent: Wednesday, February 25, 2009 6:15 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: General Question about the Extra licence

Honestly who has the time to read the ENTIRE question pool every day?!
If you have that much time and the ability to recognize every answer
out of a several hundred item question pool, then you obviously have
the intelligence to learn the theory and apply it. That's the whole
point!!

Gabe

--- In FT897@yahoogroups.com, Robert <robertmayhelp@...> wrote:
>
> Here are the corrected suggestions:

> 4) study the whole question pool everday. Concentrate on the
questions that you regularly miss and think of a creative way to
remember the answer.
> 5) Be confident in your ability and walk right into the exam room

and own the room and the exam.
>
>

[Non-text portions of this message have been removed]

25240. Re: Data connector for HRD control

Yahoo group: FT897 (2009)
Date: 2009-03-04 13:32:12 UTC
From: Hank
Topic: 25222 Message: 25240

Thanks Del, that's what I was looking for.

Hank KB4MTO

--- In FT897@yahoogroups.com, "n5ztw@..." <n5ztw@...> wrote:
>
> Hi Hank,
> Go to the files section under "sound card interfaces"
> I uploaded many detailed drawings of all the cables and
> connectors as viewed from the solder side. The TinCAT manual
> also has these details.
> Hope it helps.
> Del N5ZTW
>

25241. Re: [FT897] Which antennas to use?

Yahoo group: FT897 (2009)
Date: 2009-03-04 15:38:51 UTC
From: tailfeathers
Topic: 25227 Message: 25241

A friend of mine runs a High Q antenna on a jeep...He has them mounted near the mirrors where the window screws are...Top of the line stuff but he was having problems and I started Googling it and it turns out that a jeep is built in pieces which cause problems with grounding between the different segments of the jeep...Antennas work best above the roof so if you can get it up there...The second best place is a hitch mount because you can tap the undercarriage as a counterpoise...I have a hitch mount on a PT cruiser where I run a Hustler antenna...It works great but you have to change resonators for each band...Your spare tire may be in the way...For 10m-40m a mag mount works great but there again you have a jeep...Start here... www.k0bg.com/ Have fun...

Gary
n8gsj

ke5yyz wrote:
> I've read so many reviws that say the ATAS120 is no good and some that
> say that its a good deal. Regardless of all those revies, I think I
> will go for dual antennas. I am planning on getting the FT897D within
> the next two weeks. I am interested in going with dual anntennas. One
> for HF and one for vhf/uhf. I would like to get some recommendations
> from the group? I am planning on installing this rig in a Jeep, so
> there's not much room for anything... Your thoughts.
>
> 73
> Oscar
> KE5YYZ
>
> PS: I'm taking my general exam soon and I feel extremely confident of
> passing that I'm buying my rig now.
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com

> Version: 8.0.237 / Virus Database: 270.11.6/1981 - Release Date: 03/03/09 07:25:00
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http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmTchE1QKEiXioomZYRq83RjQVFwD92kl72MDbMgebuvz643QMQ/

25242. Re: [FT897] Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-03-04 16:12:15 UTC
From: Jim Webster
Topic: 25153 Message: 25242

Grads on your general. I think you made some fine choices.
Have fun.
Jim KI6PYZ

From: "richardehead@..." <richardehead@...>
To: FT897@yahoogroups.com
Sent: Wednesday, February 25, 2009 8:17:25 AM
Subject: [FT897] Re: My rig plans

I'm brand new to the hobby (just got my General) and, like one of the other posters, money wasn't a particular issue but I found the 897 to have the mix of features I wanted and I couldn't beat the price. That said...

I bought the unit retail and the Extra Class store manager suggested three things: 1) Don't buy the Yaesu power supply. I bought a 23 amp Samlex for $100; 2) Don't buy the internal batteries unless you intend to use them soon and use them often. They're expensive and need to be taken care of; 3) Don't buy the Yaesu tuner. I bought the LDG AT-100Pro and it works extremely well--for the same price. Other guys in my club, most of whom are Yaesu fanatics, also disparaged the Yaesu tuner as junk compared to the LDG.

Hope that helps. Just my 2cents. KDØGDV

--- In FT897@yahoogroups. com, Curtis Popke <fxrcurt@... > wrote:
>
> Does the internal power supply FP-30 cause any hum, buzz or interference
> in the radio or is it completely audibly (<-is that a word?) invisible?
>
> Thanks Jim,
> You know a forum can be a great psychologist to really help you think. I don't
> want to just do what someone says but use what they say and make my own decision.
> Well I think I've made it. Being new to HF and having all the magazines I naturally want
> the biggest, prettiest most awesome rig I see. But right now that's putting the cart in front of the horse.
> I'm gonna get that FT-897D first. This way I will be more likely to add a say Cadillac later and have
> both a nice portable, grab and go setup AND a nicer base setup to enjoy in the future.

> If I were to get a larger base unit first I might not ever
pickup the 897D.
> So Jim you said it right "big difference in listening
pleasure" but I have to put function and
> need before pleasure. 756PRO or similar will have to come later
but that's ok as long as I eventually
> end up with both rigs hi hi. Hope the xyl doesn't read this.
>
>
> >You need to think about how you are going to use the rig. It is a
very
> >nice portable unit, however, there are 80 some odd menu options
that you
> >need to change while you are operating and a small screen. So,
for a
> >main rig, something with more buttons and less menus might not be
a bad
> >idea. I ended up with an FT 897D for a back up/portable unit and
an
> >ICOM IC 756PRO for the main rig. There is a big difference in
listening
> >pleasure between the two.
> >Curtis Popke wrote:
> >
> > Hi Jim,
> > And thanks. I guess i have it narrowed down to 160 thru 70cm but
the
> > grab and go idea (mainly portable battery option) may be keeping
from
> > some slightly nicer HF radios. I'm so close to buying the 897D
but if
> > you could do it again, would you opt for say the IC-7000, MkIIG,
or
> > even Kenwood TS-2000 given what you know now?
> > Thanks for responding.
> > Curtis
> > N5FXR
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25243. Re: SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-04 17:02:10 UTC
From: Bill Barron
Topic: 25233 Message: 25243

1) Is antenna coax connected to proper 897 antenna SO239?
[VHF vs HF]
2) 897 will not handle worse than 3:1 SWR .. and 1.5:1
will cause some foldback in power.

If you have the anetnna hooked to the proper SO239,
then the antenna or the coax is shorted/untuned.

Running with idiot HSWR light will blow finals.

73,
Bill W1WAB

--- In FT897@yahoogroups.com, "wb1hjs" <wb1hjs@...> wrote:
>
> Hi everyone
>
> New 897 owner here, and using it to get back into ham radio after a 16
> year hiatus. I'm still station building, and right now I have no real
> V/UHF antenna setup, or an external SWR meter, but I just bought an HT
> antenna - a Diamond RH789, which I plan to use for portable repeater
> usage.
>
> According to the specs, it's a 1/4 wave @ 2m and a 5/8 wave at 70 cm,
> so I'd think it's be fine. however, with the rig dialed back to 5W,
> I'm seeing a high swr indicated on the meter and the "HSWR" idiot
> light on the display, everywhere on both bands. HF SWR meter
> performance is fine. I saw similar results with a P1 vertical antenna
> configured for each of the bands.
>
> Has anyone seen similar with their meters on the two highest bands.
>
> thanks
> Mark
> WB1HJS
>

25244. Re: [FT897] New to the goroup and 897d

Yahoo group: FT897 (2009)
Date: 2009-03-04 17:22:25 UTC
From: Lew Phelps K6LMP
Topic: 25234 Message: 25244

I move my 897 around a lot, from home QTH to vehicle to cabin in the mountains, to offroading 4WD vehicle, and with me when I travel.

I acquired my 897 used, with one internal battery and no power supply. I initially ran it with an external switching power supply that I already owned, but fairly quickly decided that I wanted the internal supply, because it's one less thing to carry when I'm "on the move." I understand that some of the older units are noisy, but I don't have a problem with mine.

I seldom use the battery, even though you can swap the internal supply and batteries in about 5 minutes, because operating time is limited and transmit power is limited. The internal batteries are useful only when you are "off the grid" and also not near a vehicle that can provide 13.x VDC directly. If you were backpacking, they would be excellent, especially if coupled with a solar charging panel.

Whether you use the internal batteries or external depends on how you plan to use the rig, I think. If you're going to be "off grid" a lot, then I would use the internal batteries, or an external battery if you need the added capacity but don't mind lugging around a heavy external battery. In any case, you are going to be limited in transmit power when on battery because a standard 12 volt battery won't produce enough voltage, over an extended period, to transmit at full power. The 897 automatically kicks down to 20 watts max if the internal batteries are being used, and I think will do the same thing if the rig senses that it is connected to external batteries (although I can't find any documentation of that fact in the Operating Manual).

The manual says that the 897 should be capable of receiving for about four hours on one fully charged internal battery. Battery life will be lengthened if you use squelch to reduce current drain by the audio amplifier.

Lew

On Feb 28, 2009, at 12:31 PM, Matt Patterson wrote:

> Hi Guys,
>
> I just recently aquired a 897d and have a few questions. I was looking
> thought the archives about batteries but couldn't find answers to my
> questions so I thought I would ask. Do most people use an external
> battery or the internal battery packs? If using a external battery how
> how big of one do you usually go with? About how long can you expect
> to operate on your chosen battery @ 20 watts?
>

> 73 Matt
> W5LL
>
>
>
> Messages in this topic (1)Reply (via web post) | Start a new topic
> Messages | Files | Photos | Links | Database | Polls | Calendar
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> Change settings via the Web (Yahoo! ID required)
> Change settings via email: Switch delivery to Daily Digest | Switch
> format to Traditional
> Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

[Non-text portions of this message have been removed]

25245. RE: [FT897] Which antennas to use?

Yahoo group: FT897 (2009)
Date: 2009-03-04 17:38:43 UTC
From: Tedd Vidler
Topic: 25227 Message: 25245

Hi Oscar,

I also have a FT-897D and have had for several years. My thoughts for mobile are as follows:

1. I used my 897 in the front cab of a Dodge RAM with a LDG-AT897 tuner attached and even in the large cab it took a lot of room. I think you can make a better choice.

2. I have a Jeep Liberty now and there's no way on earth it will fit. I purchased a FT-857D and used the separation kit to place the display centered on the dash with a commercial type of velcro. The rig is fastened to a piece of plywood under the drivers seat. It has the same menus, and guts as the FT-897D and works great.

3. Jim Smith at Bughardts and a number of others advised against using the ATAS-120 as the only antenna. I use the ATAS on the drivers fender (hood) with a Diamond mount. I installed a Midland dual band on the passenders hood using the same type of Diamond mount with the differnt (NMO) mounting cable. They look balanced and work as well as a fender antenna can for VHF and UHF. The ATAS-120 I like although it doesn't cover 75/80 meters.

4. I now use the 897 as a station digital when at home, as my ARES portable rig and in my motorhome when travelling. I use the ATAS-120 on the motor home with a 1/4 wave spring base antenna mounted on top for UHF/VHF. Not the greatest but this system works just fine for me.

Good luck and hope you get lots of good advice on the group. Then all you need to do is sift through it all.

73, Tedd VE4VID

> To: FT897@yahoogroups.com
> From: ke5yyz@...
> Date: Sun, 1 Mar 2009 05:02:14 +0000
> Subject: [FT897] Which antennas to use?
>
> I've read so many reviws that say the ATAS120 is no good and some that
> say that its a good deal. Regardless of all those revies, I think I
> will go for dual antennas. I am planning on getting the FT897D within
> the next two weeks. I am interested in going with dual anntennas. One
> for HF and one for vhf/uhf. I would like to get some recommendations
> from the group? I am planning on installing this rig in a Jeep, so
> there's not much room for anything... Your thoughts.
>
> 73
> Oscar
> KE5YYZ
>
> PS: I'm taking my general exam soon and I feel extremely confident of

> passing that I'm buying my rig now.
>
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> Yahoo! Groups Links
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Share photos with friends on Windows Live Messenger
http://go.microsoft.com/?linkid=9650734

[Non-text portions of this message have been removed]

25246. Re: Which antennas to use?

Yahoo group: FT897 (2009)
Date: 2009-03-04 19:26:57 UTC
From: chameleon_antenna
Topic: 25227 Message: 25246

Good morning Oscar,

I own a very good Yaesu FT-897D + LDG AT-200 Pro for few months now and I've tried few different type of antennas: one for 2M - 70CM and another for HF. Now I only own one antenna to do the whole thing and it works very well. It's Chameleon V1 HF Multiband Antenna. (http://chameleonantenna.com/ <http://chameleonantenna.com/>). They also sell it on Ebay. It's a great antenna that you can use for mobile, portable and base station. I use it for base station and that's the best antenna I ever seen so far. I can tune on everything from 70 cm to 80M. No needs to buy multiple antennas anymore.

Cheers!

Carl
KI6TRA

[Non-text portions of this message have been removed]

25247. How do I remove Monitor RF from my Radio ??

Yahoo group: FT897 (2009)
Date: 2009-03-04 20:06:47 UTC
From: fxrcurt
Topic: 25247 Message: 25247

Hi,
I know this has been hashed before but it's been a long time ago as far as I can see.
I got my FT-897D home, hooked it all up, tested transmit and receive, stored some local repeater and simplex memories.
All great and what a fine radio. Well sometimes I noticed on idle receive my S meter would flicker at mark one, Then I noticed it actually reading fairly solid between S1 and up to S5!! I was getting some RF or something in there so I started poking around my shack and found it to me my new Dell SP1908FPt monitor sitting next to the radio. I reached over and pushed the button to turn the monitor off and wala! RF Gone. I moved it as far away as my cables would permit, about 3 ft. and that helped but not always. I would clock the monitor and make some improvements but that RF would creep back in. I know you never smack electronic gear to get it going but funny I could tap the monitor and effect the S meter on my radio.
Long story short, I swapped monitors with an older DEll E153FPC (or something like that) and again NO RF. I can lay this monitor right flat on top of my radio and NO RF. To bad because my new Dell monitor is 19" flat and really beautiful. The older one is smaller about 15" and just OK.
So lesson one is "Yes it's the monitor causing RF in the radio"
And Question one is " Is there a way to find the differences between these monitors as to why one interferes and one doesn't?
Thanks,
Curtis N5FXR

25248. Re: [FT897] How do I remove Monitor RF from my Radio ??

Yahoo group: FT897 (2009)
Date: 2009-03-04 20:17:21 UTC
From: kc3vo@aol.com
Topic: 25247 Message: 25248

The noisy monitor may have a loose shield, or loose mounting/grounding screw. Also, WHERE is your ANTENNA? If the antenna is nearby, that is also a problem! Be sure to place the antenna as far away from the computer, monitor, home electrical wiring, TV set, telephones, stereo etc. as possible--Preferably at least 20 feet above the roofline, and outdoors away from trees or other obstructions. Indoor antennas usually cause all kinds of problems!---73, KC3VO-Bob Curry

-----Original Message-----
From: fxrcurt <fxrcurt@...>
To: FT897@yahoogroups.com
Sent: Wed, 4 Mar 2009 3:06 pm
Subject: [FT897] How do I remove Monitor RF from my Radio ??

Hi,
I know this has been hashed before but it's been a long time ago as far as I can
see.
I got my FT-897D home, hooked it all up, tested transmit and receive, stored
some local repeater and simplex memories.
All great and what a fine radio. Well sometimes I noticed on idle receive my S
meter would flicker at mark one, Then I noticed it actually reading fairly solid
between S1 and up to S5!! I was getting some RF or something in there so I
started poking around my shack and found it to me my new Dell SP1908FPt monitor
sitting next to the radio. I reached over and pushed the button to turn the
monitor off and wala! RF Gone. I moved it as far away as my cables would permit,
about 3 ft. and that helped but not always. I would clock the monitor and make
some improvements but that RF would creep back in. I know you never smack
electronic gear to get it going but funny I could tap the monitor and effect the
S meter on my radio.
Long story short, I swapped monitors with an older DEll E153FPC (or something
like that) and again NO RF. I can lay this monitor right flat on top of my radio
and NO RF. To bad because my new Dell monitor is 19" flat and really

beautiful.
The older one is smaller about 15" and just OK.
So lesson one is "Yes it's the monitor causing RF in the radio"
And Question one is " Is there a way to find the differences between
these
monitors as to why one interferes and one doesn't?
Thanks,
Curtis N5FXR

Yahoo! Groups Links

25249. Re: SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-04 21:15:37 UTC
From: wb1hjs
Topic: 25233 Message: 25249

Hi Bob --

It's an HT antenna, like this: http://www.universal-radio.com/catalog/hamantht/1204.html -- I'm using a PL-259 to BNC adapter, and have the power dialed back to 10 watts. I think it's a moot point now, I think the rig just doesn't like the antenna, although I have no problems bringing up machines 20+ miles away from my shack. I'm not a repeater guy, just looking for a way to get on repeaters quick and dirty for emergency/portable use.

The rig seems to like my W5GI "Myster antenna" on 2 meters, so it's definitely the antenna -- I was more concerned that the SWR meter was "exaggerating" on V/UHF, and wanted to get other's experiences.

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> How is the antenna mounted/connected, and what are you using for a ground
> plane for the antenna? How far away from the radio is the antenna? are any
> adaptors used? What about antenna cable? What is near the antenna? Is it
> outdoors?-73, KC3VO-Bob
> **********Need a job? Find employment help in your area.
> (http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)
>
>
> [Non-text portions of this message have been removed]
>

25250. Re: [FT897] Re: SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-04 21:27:53 UTC
From: kc3vo@aol.com
Topic: 25233 Message: 25250

That antenna is critical as to extended length, you must adjust the length for the frquency being used, fully extended is OK for FM broadcast band (MUSIC/NEWS) but you need to retract it tto approximately 19 inches for 2 meters HAM use. Start at 19 inches, then change length about 1/4 inch at a time, while watching the SWR-If it goes up, adjust it the other direction! this way, you can find the optimum length. Be sure that your ADAPTOR is high quality, as some cheap ones from Radio Shack and others, have a SPRING inside, as the center conductor, and it introduces excessive INDUCTANCE for 70 cm use. (This is found most often in "Brand X" 90 degree type adaptors)---73, KC3VO, Bob Curry

-----Original Message-----
From: wb1hjs <wb1hjs@...>
To: FT897@yahoogroups.com
Sent: Wed, 4 Mar 2009 4:15 pm
Subject: [FT897] Re: SWR on 2m/70cm?

Hi Bob --

It's an HT antenna, like this:
http://www.universal-radio.com/catalog/hamantht/1204.html
-- I'm using a PL-259 to BNC adapter, and have the power dialed back to 10
watts. I think it's a moot point now, I think the rig just doesn't like the
antenna, although I have no problems bringing up machines 20+ miles away from my
shack. I'm not a repeater guy, just looking for a way to get on repeaters quick
and dirty for emergency/portable use.

The rig seems to like my W5GI "Myster antenna" on 2 meters, so it's definitely
the antenna -- I was more concerned that the SWR meter was "exaggerating" on
V/UHF, and wanted to get other's experiences.

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> How is the antenna mounted/connected, and what are you using for a ground
> plane for the antenna? How far away from the radio is the antenna? are any
> adaptors used? What about antenna cable? What is near the antenna? Is it

> outdoors?-73, KC3VO-Bob
> **********Need a job? Find employment help in your area.
>
(http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntu
syelp00000005)
>
>
> [Non-text portions of this message have been removed]
>

Yahoo! Groups Links

25251. Re: SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-04 23:33:48 UTC
From: wb1hjs
Topic: 25233 Message: 25251

Heh! You know how sometimes you get into a troubleshoot and the realize you overlooked something real basic?!? Well, that's me! I've made my living in electronics now for almost 30 years, and here once more I get bit because I didn't check to make sure the power plug was in, so to speak! That was, of course, the issue. Oh well!!

--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
>
> That antenna is critical as to extended length, you must adjust the
> length for the frquency being used, fully extended is OK for FM
> broadcast band (MUSIC/NEWS) but you need to retract it tto
> approximately 19 inches for 2 meters HAM use. Start at 19 inches, then
> change length about 1/4 inch at a time, while watching the SWR-If it
> goes up, adjust it the other direction! this way, you can find the
> optimum length. Be sure that your ADAPTOR is high quality, as some
> cheap ones from Radio Shack and others, have a SPRING inside, as the
> center conductor, and it introduces excessive INDUCTANCE for 70 cm use.
> (This is found most often in "Brand X" 90 degree type adaptors)---73,
> KC3VO, Bob Curry
>
>
>
>
>

25252. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-03-04 23:47:39 UTC
From: tenorman1952
Topic: 25153 Message: 25252

--- In FT897@yahoogroups.com, Jim Webster <jwbstr33@...> wrote:
(snip)
> I bought the unit retail and the Extra Class store manager suggested
> three things: 1) Don't buy the Yaesu power supply. I bought a 23
> amp Samlex for $100;

I have the Yaesu FP-30b power supply and like it. It makes for a very compact total package.

2) Don't buy the internal batteries unless you
> intend to use them soon and use them often. They're expensive and
> need to be taken care of;

I leave the FP-30 installed, and when I do run off battery power, it is from a large gel cell in a Husky Power Center. I have no idea what the amp-hr rating is, but I can operate about 2 hours with a lot of transmitting. Much longer if mostly listening.

3) Don't buy the Yaesu tuner. I bought
> the LDG AT-100Pro and it works extremely well--for the same price.
> Other guys in my club, most of whom are Yaesu fanatics, also
> disparaged the Yaesu tuner as junk compared to the LDG.

I have the LDG AT-897 bolted on the side. Again, a nice compact total package.

Paul
AE5JU

25253. Re: [FT897] Re: SWR on 2m/70cm?

Yahoo group: FT897 (2009)
Date: 2009-03-05 01:18:39 UTC
From: kc3vo@aol.com
Topic: 25233 Message: 25253

Hopefully, all is well now! Enjoy the radio!---73, KC3VO
**********Need a job? Find employment help in your area.
(http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)

[Non-text portions of this message have been removed]

25254. [FT897] Distored SSB

Yahoo group: FT897 (2009)
Date: 2009-03-05 02:22:37 UTC
From: Adam Filkins - KD8CCX
Topic: 25233 Message: 25254

Hello All,
I have recently developed an issue where my SSB signal is distorted quite badly. This includes any band on SSB. The sound on FM and other modes is fine. I have been playing with digital modes, but I can't imagine what I have changed or messed up that would have caused that. Any help on this would be GREATLY appreciated!

73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

[Non-text portions of this message have been removed]

25255. Re: [FT897] Distored SSB

Yahoo group: FT897 (2009)
Date: 2009-03-05 04:11:44 UTC
From: Shane J. Wolfe
Topic: 25233 Message: 25255

Adam,

Check your AGC setting to see if you accidentally turned it off...

-Shane

On Wednesday, March 04, 2009, at 09:22PM, "Adam Filkins - KD8CCX" <kd8ccx@...> wrote:
>Hello All,
>I have recently developed an issue where my SSB signal is distorted
>quite badly. This includes any band on SSB. The sound on FM and other
>modes is fine. I have been playing with digital modes, but I can't
>imagine what I have changed or messed up that would have caused that.
>Any help on this would be GREATLY appreciated!
>
>73's
>
>Adam Filkins
>KD8CCX
>146.860Mhz Repeater - No PL
>
>Learn more about the Thumb Amateur Radio Club at:
>Http://www.w8ax.com
>
>
>
>
>[Non-text portions of this message have been removed]
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>

25256. RE: [FT897] Distored SSB

Yahoo group: FT897 (2009)
Date: 2009-03-05 04:45:39 UTC
From: Adam Filkins - KD8CCX
Topic: 25233 Message: 25256

Thank you Shane! That did it? What is ACG anyway?

Thanks and 73's!

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Shane J. Wolfe
Sent: Wednesday, March 04, 2009 11:12 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Distored SSB

Adam,

Check your AGC setting to see if you accidentally turned it off...

-Shane

On Wednesday, March 04, 2009, at 09:22PM, "Adam Filkins - KD8CCX"
<kd8ccx@w8ax. <mailto:kd8ccx%40w8ax.com> com> wrote:
>Hello All,
>I have recently developed an issue where my SSB signal is distorted
>quite badly. This includes any band on SSB. The sound on FM and other
>modes is fine. I have been playing with digital modes, but I can't
>imagine what I have changed or messed up that would have caused that.
>Any help on this would be GREATLY appreciated!
>
>73's
>
>Adam Filkins
>KD8CCX
>146.860Mhz Repeater - No PL
>
>Learn more about the Thumb Amateur Radio Club at:
>Http://www.w8ax. <Http://www.w8ax.com> com
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[Non-text portions of this message have been removed]

25257. Re: [FT897] Distored SSB

Yahoo group: FT897 (2009)
Date: 2009-03-05 11:38:28 UTC
From: Shane J. Wolfe
Topic: 25233 Message: 25257

Automatic Gain Control...

I did the same thing at some point.

Shane
KV3SPA

On Mar 4, 2009, at 11:45 PM, Adam Filkins - KD8CCX wrote:

> Thank you Shane! That did it? What is ACG anyway?
>
> Thanks and 73's!
>
> Adam Filkins
> KD8CCX
> 146.860Mhz Repeater - No PL
>
> Learn more about the Thumb Amateur Radio Club at:
> Http://www.w8ax.com
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf
> Of
> Shane J. Wolfe
> Sent: Wednesday, March 04, 2009 11:12 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Distored SSB
>
> Adam,
>
> Check your AGC setting to see if you accidentally turned it off...
>
> -Shane
>
> On Wednesday, March 04, 2009, at 09:22PM, "Adam Filkins - KD8CCX"
> <kd8ccx@w8ax. <mailto:kd8ccx%40w8ax.com> com> wrote:
> >Hello All,
> >I have recently developed an issue where my SSB signal is distorted
> >quite badly. This includes any band on SSB. The sound on FM and other
> >modes is fine. I have been playing with digital modes, but I can't
> >imagine what I have changed or messed up that would have caused that.
> >Any help on this would be GREATLY appreciated!
> >
> >73's
> >

> >Adam Filkins
> >KD8CCX
> >146.860Mhz Repeater - No PL
> >
> >Learn more about the Thumb Amateur Radio Club at:
> >Http://www.w8ax. <Http://www.w8ax.com> com
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> >[Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

25258. Re: Distored SSB

Yahoo group: FT897 (2009)
Date: 2009-03-05 14:47:05 UTC
From: Steve Yates
Topic: 25233 Message: 25258

Ah, you guys were talking about the RECEIVE SSB audio. I thought y'all were smoking something for a minute since the AGC has nothing to do with the transmitter.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Adam Filkins - KD8CCX" <kd8ccx@...> wrote:
>
> Hello All,
> I have recently developed an issue where my SSB signal is distorted
> quite badly. This includes any band on SSB.

25259. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-04 07:37:19 UTC
From: Robert
Topic: 25128 Message: 25259

Gabe Gabe Gabe

When you plunk down the examination fee or any money for an examination, you had better be prepared to pass the examination. Otherwise just take your money and flush it down the toilet.

"Who has the time to read the entire question pool every day?!" I did and many other smart people who tested before I took the extra exam and others who will be taking the exam in the future. If something is important enough to achieve, then it should be important enough to prepare for it. If that means reading the question people everyday, then in my humble opinion it is a small price to pay for my achievement.

Thank you for the compliment that "you obviously have the intelligence to learn the theory and apply it." I respectfully disagree. The extra exam is not to test see if you can apply theory. If it were, then people would learn to apply theory. There are hundreds of questions in the examination pool. How many minutes would it take to see if someone can apply 50 questions? It depends on the person. However the FCC and VECs made it easy for VECs to grade the exam by making it multiple choice. Multiple choice is as close to "cut and dry" (right or wrong) as you can get without making the questions true or false (yes/no). Why do you think they take the time to publish they entire question pool on the FCC website and other places? I would like to believe it is because out of the goodness of the FCC and VECs' hearts. They (the FCC and VECs) do not want people to throw away heart earned money by failing and passable examination. The FCC and VECs want people to get their ham licenses rather than buying radio equipment and operating without any training at all.

4) study the whole question pool everday. Concentrate on the
questions that you regularly miss and think of a creative way to
remember the answer.
5) Be confident in your ability and walk right into the exam room
and own the room and the exam.

Get busy passing the examination or get busy failing the examination. The choice is yours.

From: aj4ad <aj4ad@...>
To: FT897@yahoogroups.com
Sent: Wednesday, February 25, 2009 6:14:55 PM
Subject: [FT897] Re: General Question about the Extra licence

Honestly who has the time to read the ENTIRE question pool every day?!
If you have that much time and the ability to recognize every answer
out of a several hundred item question pool, then you obviously have
the intelligence to learn the theory and apply it. That's the whole
point!!

Gabe

--- In FT897@yahoogroups. com, Robert <robertmayhelp@ ...> wrote:
>
> Here are the corrected suggestions:

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questions that you regularly miss and think of a creative way to
remember the answer.
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and own the room and the exam.
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>

[Non-text portions of this message have been removed]

25260. Re: My rig plans

Yahoo group: FT897 (2009)
Date: 2009-03-05 00:24:03 UTC
From: kimber45apj
Topic: 25153 Message: 25260

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> --- In FT897@yahoogroups.com, Jim Webster <jwbstr33@> wrote:
> (snip)
> > I bought the unit retail and the Extra Class store manager suggested
> > three things: 1) Don't buy the Yaesu power supply. I bought a 23
> > amp Samlex for $100;
>
> I have the Yaesu FP-30b power supply and like it. It makes for a very compact total package.
>
>
> 2) Don't buy the internal batteries unless you
> > intend to use them soon and use them often. They're expensive and
> > need to be taken care of;
>
> I leave the FP-30 installed, and when I do run off battery power, it is from a large gel cell in a Husky Power Center. I have no idea what the amp-hr rating is, but I can operate about 2 hours with a lot of transmitting. Much longer if mostly listening.
>
>
> 3) Don't buy the Yaesu tuner. I bought
> > the LDG AT-100Pro and it works extremely well--for the same price.
> > Other guys in my club, most of whom are Yaesu fanatics, also
> > disparaged the Yaesu tuner as junk compared to the LDG.
>
> I have the LDG AT-897 bolted on the side. Again, a nice compact total package.
>
> Paul
> AE5JU
>
Did you buy the Samlex SEC1223 Power Supply? Any opinions on the LDG Z11-PRO antenna tuner with regards to use with the FT897.

25261. (no subject)

Yahoo group: FT897 (2009)
Date: 2009-03-04 18:12:52 UTC
From: Richard Head
Topic: 25261 Message: 25261

Hi, all. I'm brand new to HF and just got an 897D a couple of weeks ago. I have a question: I can't seem to get the CTCSS settings to stay locked in memory. If I set the PL tone for one repeater, and then use a different tone for a second repeater, the tone for the first repeater changes to that of the second. Make sense? I save each setting as it says in the manual by holding the "F" key and getting the beep, and I've also tried saving all settings as a numbered memory item. Nothing works. Is this a glitch in the firmware of my machine?

Thanks.

73s
Richard
KDØGDV

[Non-text portions of this message have been removed]

25262. Re: [FT897] How do I remove Monitor RF from my Radio ??

Yahoo group: FT897 (2009)
Date: 2009-03-04 20:39:58 UTC
From: Sildes Rosa (Superig)
Topic: 25247 Message: 25262

The monitor switching power supply could be the answer...
Try to use any good main filter, as close as possible to the monitor.

Good luck
Sildes - PY2TEE

----- Original Message -----
From: kc3vo@...
To: FT897@yahoogroups.com
Sent: Wednesday, March 04, 2009 5:17 PM
Subject: Re: [FT897] How do I remove Monitor RF from my Radio ??

The noisy monitor may have a loose shield, or loose mounting/grounding screw. Also, WHERE is your ANTENNA? If the antenna is nearby, that is also a problem! Be sure to place the antenna as far away from the computer, monitor, home electrical wiring, TV set, telephones, stereo etc. as possible--Preferably at least 20 feet above the roofline, and outdoors away from trees or other obstructions. Indoor antennas usually cause all kinds of problems!---73, KC3VO-Bob Curry

-----Original Message-----
From: fxrcurt <fxrcurt@...>
To: FT897@yahoogroups.com
Sent: Wed, 4 Mar 2009 3:06 pm
Subject: [FT897] How do I remove Monitor RF from my Radio ??

Hi,
I know this has been hashed before but it's been a long time ago as far as I can
see.
I got my FT-897D home, hooked it all up, tested transmit and receive, stored
some local repeater and simplex memories.
All great and what a fine radio. Well sometimes I noticed on idle receive my S
meter would flicker at mark one, Then I noticed it actually reading fairly solid
between S1 and up to S5!! I was getting some RF or something in there so I
started poking around my shack and found it to me my new Dell SP1908FPt monitor
sitting next to the radio. I reached over and pushed the button to turn the
monitor off and wala! RF Gone. I moved it as far away as my cables would permit,
about 3 ft. and that helped but not always. I would clock the monitor

and make
some improvements but that RF would creep back in. I know you never
smack
electronic gear to get it going but funny I could tap the monitor and
effect the
S meter on my radio.
Long story short, I swapped monitors with an older DEll E153FPC (or
something
like that) and again NO RF. I can lay this monitor right flat on top of
my radio
and NO RF. To bad because my new Dell monitor is 19" flat and really
beautiful.
The older one is smaller about 15" and just OK.
So lesson one is "Yes it's the monitor causing RF in the radio"
And Question one is " Is there a way to find the differences between
these
monitors as to why one interferes and one doesn't?
Thanks,
Curtis N5FXR

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25263. Using memory channels

Yahoo group: FT897 (2009)
Date: 2009-03-06 01:05:11 UTC
From: John Rabold
Topic: 25261 Message: 25263

--- In FT897@yahoogroups.com, Richard Head <kd0gdv@...> wrote:
>> I save each setting as it says in the manual by holding the "F" key and getting the beep, and I've also tried saving all settings as a numbered memory item. Nothing works. <<

Holding the F key and getting a beep does not save anything in channel memory. It cannot be used to associate a CTCSS tone with a repeater frequency pair permanently, for example.

To do what you want to do, use the numbered channel memories. To do so, be sure you are following all of the instructions in the manual in the "Normal Memory Storage" section within "Memory Operation on 'Regular' Memory Channels" (which is on page 44 in my copy of the manual).

Note that you must be using a VFO while you are doing all the steps listed (upper left of the screen will say VFOa or VFOb), but after you store settings in a channel number you must go into memory mode, by pressing the V/M key, in order to use what you did (upper left of the screen will say M-nnn, where nnn is the memory channel number). Turn the knob to the memory channel number in which you stored your settings.

John KS6M

25264. Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 01:08:50 UTC
From: Stewart Nelson
Topic: 25128 Message: 25264

From KD5LBE I have never seen so much negative talk. If you are going to carry the license you need to learn to talk the talk. The question are posted as has been mentioned before because of the freedom of information laws. The ARRL wants people to pass the test and does what it can to encourage learning the theory. You will enjoy the hobby more if you make it more than learning enough to answer 50 EXTRA questions. You need to think of the 50 question to the Extra test as passing from kindergarden to first grade. I took the test twice and the only bad part was realizing what I had missed. It was the easy questions that took me out. I took it a second time and passed. When you pass the test it will be a great feeling. You do not have to read the book every day, just work on the parts you can't remember and remember a lot of the questions are repeated with slightly different answers. When you learn the theory you can answer all of the similar questions. Be ready to pass the test a get one really big high. There are a lot more people to talk to with an Extra Ticket.

--- In FT897@yahoogroups.com, Robert <robertmayhelp@...> wrote:
>
> Gabe Gabe Gabe
>
> When you plunk down the examination fee or any money for an examination, you had better be prepared to pass the examination. Otherwise just take your money and flush it down the toilet.
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> "Who has the time to read the entire question pool every day?!" I did and many other smart people who tested before I took the extra exam and others who will be taking the exam in the future. If something is important enough to achieve, then it should be important enough to prepare for it. If that means reading the question people everyday, then in my humble opinion it is a small price to pay for my achievement.
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> Thank you for the compliment that "you obviously have the intelligence to learn the theory and apply it." I respectfully disagree. The extra exam is not to test see if you can apply theory. If it were, then people would learn to apply theory. There are hundreds of questions in the examination pool. How many minutes would it take to see if someone can apply 50 questions? It depends on the person. However the FCC and VECs made it easy for VECs to grade the exam by making it multiple choice. Multiple choice is as close to "cut and dry" (right or wrong) as you can get without making the questions true or false (yes/no). Why do you think they take the time to publish they entire question pool on the FCC website and other places? I would like to believe it is because out of the goodness of the FCC and VECs' hearts. They (the FCC and VECs) do not want people to throw away heart earned money by failing and passable examination. The FCC and VECs want people to
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> remember the answer.

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> _____
> From: aj4ad <aj4ad@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, February 25, 2009 6:14:55 PM
> Subject: [FT897] Re: General Question about the Extra licence
>
>
> Honestly who has the time to read the ENTIRE question pool every day?!
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> [Non-text portions of this message have been removed]
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25265. Selling W4RT Batteries and Charger

Yahoo group: FT897 (2009)
Date: 2009-03-06 03:08:08 UTC
From: Jack Neal
Topic: 25265 Message: 25265

I've decided to use my FT-817 for portable work and re-install the internal power supply in my FT-897D. Therefore I'm selling my W4RT 4500 mah batteries and fast charger. These include 2 OPP-897 batteries & the OFC-897 fast charger. Both nearly new batteries and the fast charger are for sale for $199 plus shipping. Please contact me offlist if interested. Jack-W8AQ

25266. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 06:05:12 UTC
From: D F
Topic: 25128 Message: 25266

This should have been put to bed a LONG time ago, but I will drop my 2 cents worth:

The tests (tech, general or extra) exist for one reason ONLY - to test your knowledge of the subject you are being examined for. To simply memorize the questions and answers, in my opinion, makes for an UN-SKILLED and IGNORANT operator - IN ANYTHING.

The "theory" is there so you can not only understand how this thing called radio works, but to apply it to "further the radio art".

It has become all too easy nowadays to memorize the questions/answers, go out and BUY a rig, and be on the air in a matter of hours - so to speak. Remember, some of our Elmers and old-timers not only had to prove their efficiency by testing, they had to actually BUILD their own radios. This is where the theory comes in.

Before the VE program, you had to go to the nearest FCC office and take the exam. There were no question pools to look at or memorize either. You either knew the material or you failed. That simple.

If you don't know the theory, how can you honestly properly build or repair a radio, antenna, power supply or even fabricate something you may need for your shack to have it either operate correctly, or the way YOU want it?

Do this, try to have a technical discussion with someone who only memorized the questions/answers and then come back and tell us if they were able to assist you in figuring something out or solving a problem you may be having. Doesn't work, does it? Most of us have even heard these people on the airwaves at sometime and those of us who know better just shake our heads in disbelief.

So, NO, if you are going to study, STUDY THE THEORY! ALL answers are in the theory, period! There are simply too many questions to memorize for you to HOPE you get the "easier" ones on the test you take. If you KNOW THE THEORY, YOU WILL PASS!

By the way, I am also a VE!

Dennis - N8BMB

---

m: Stewart Nelson <morriltonmayor@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 5, 2009 7:08:50 PM
Subject: [FT897] Re: General Question about the Extra licence

From KD5LBE I have never seen so much negative talk. If you are going to carry the license you need to learn to talk the talk. The question are posted as has been mentioned before because of the freedom of information laws. The ARRL wants people to pass the test and does what it can to encourage learning the theory. You will enjoy the hobby more if you make it more than learning enough to answer 50 EXTRA questions. You need to think of the 50 question to the Extra test as passing from kindergarden to first grade. I took the test

twice and the only bad part was realizing what I had missed. It was the easy questions that took me out. I took it a second time and passed. When you pass the test it will be a great feeling. You do not have to read the book every day, just work on the parts you can't remember and remember a lot of the questions are repeated with slightly different answers. When you learn the theory you can answer all of the similar questions. Be
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> Sent: Wednesday, February 25, 2009 6:14:55 PM
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

25267. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 06:52:24 UTC
From: Bruce Krell
Topic: 25128 Message: 25267

Dennis,

Your statement that all of the answers to all of the questions are in the theory
is just not accurate. You can study the theory all day and still fail the exams
miserably. As I said in an earlier e-mail, you really have to master the theory
in order to study and understand the questions, but just studying the theory simply won't cut it.

I have about 30 years experience working on electronic systems -- radar, gps, aircraft radio, missile control systems, infrared control systems, all kinds of stuff. I've taught courses in electrical engineering, digital engineering,
computer communications, radio electronics, and engineered a lot of high end systems. I know the the theory well and a lot of the practical stuff well.

But, I spent months studying the questions, for the general, the extra, and the GROL (the commercial). Passed them all with a score of 100. I can tell you that had I not had the theory and practical background, I would not have been able to study the questions well enough to even pass. And, had I not studied the questions very thoroughly, and I mean all of them, I would not have passed.

The question pool covers a huge range of information. It's questionnable -- no pun intended -- whether a single person can know all of that theory well enough to walk in and pass with minimal study of the questions.

On top of this, many times the wording of the answer doesn't always reflect the real nature of the theory.

Finally, studying the questions well and very thoroughly will really expand your
knowledge. Any question I didn't understand, I googled and found decent explanations.

At any rate, I just don't agree that you can know the theory, not spend a lot of
time studying the questions, and expect to pass just on a knowledge of the theory.

And, in fact, as you point, many of the questions have nothing to do with theory
but are experienced based. The questions on GPS were easy for me to master, having worked on a GPS system. The questions on vacuum tubes were a bit

harder, but given their role in commercial systems -- necessary for the 100,000 watt
transmitters, expanded my knowledge quite a bit.

In fact, studying the questions really hard and in great detal was part of the fun for me.

Bruce

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of D F
Sent: Thursday, March 05, 2009 10:05 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: General Question about the Extra licence

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> Thank you for the compliment that "you obviously have the intelligence to learn the theory and apply it." I respectfully disagree. The extra exam is not to test see if you can apply theory. If it were, then people would learn to apply theory. There are hundreds of questions in the examination pool. How many minutes would it take to see if someone can apply 50 questions? It depends on the person. However the FCC and VECs made it easy for VECs to grade the exam by making it multiple choice. Multiple choice is as close to "cut and dry" (right or wrong) as you can get without making the questions true or false (yes/no). Why do you think they take the time to publish they entire question pool on the FCC website and other places? I

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> 4) study the whole question pool everday. Concentrate on the
> questions that you regularly miss and think of a creative way to
> remember the answer.
> 5) Be confident in your ability and walk right into the exam room
> and own the room and the exam.
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> Get busy passing the examination or get busy failing the examination. The choice is yours.
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> From: aj4ad <aj4ad@...>
> To: FT897@yahoogroups. com
> Sent: Wednesday, February 25, 2009 6:14:55 PM
> Subject: [FT897] Re: General Question about the Extra licence
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25268. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:10:01 UTC
From: D F
Topic: 25128 Message: 25268

I see your point, but answer me this Batman - outside of the Amateur service, when was the last time you were afforded the opportunity to look at your final exam BEFORE you took it? I don't remember any time I was allowed.

Same here. We don't expect ANYONE to walk in and pass with 100%. To expect that is ludacris. You pass with the knowledge you gain from studying the theory. Yes, it is nice to have the questions available to know where you may be weak and refresh that part, but, again, if you know the theory well enough, you should be able to pass at least the minimum score. It is also nice to walk in and pass on your first attempt as well, but sometimes that just doesn't happen.

Now, for you, if you had the expectation to pass with a 100% score and did so, great! I congratulate you on your accomplishment. However, you get no extra credit or certificate or gold star, etc, for getting a 100% score. You still only get your extra and the sense of accomplishment. Unless you brag to everyone you meet "I got a perfect 100% score on my extra test", no-one will know, and many others will not really care much and still others may look at you like one of those who studied the questions and has no working knowledge of the hobby and may not want to QSO with you.

Bottom line is this, though, STUDY, STUDY, STUDY! When you are ready to test come see us and good luck!

Dennis - N8BMB

From: Bruce Krell <BKrell@...>
To: FT897@yahoogroups.com
Sent: Friday, March 6, 2009 12:52:24 AM
Subject: RE: [FT897] Re: General Question about the Extra licence

Dennis,

Your statement that all of the answers to all of the questions are in the theory
is just not accurate. You can study the theory all day and still fail the exams
miserably. As I said in an earlier e-mail, you really have to master the theory
in order to study and understand the questions, but just studying the theory simply won't cut it.

I have about 30 years experience working on electronic systems -- radar, gps, aircraft radio, missile control systems, infrared control systems, all kinds of stuff. I've taught courses in electrical engineering, digital engineering,
computer communications, radio electronics, and engineered a lot of high end systems. I know the the theory well and a lot of the practical

stuff well.

But, I spent months studying the questions, for the general, the extra, and the GROL (the commercial). Passed them all with a score of 100. I can tell you that had I not had the theory and practical background, I would not have been able to study the questions well enough to even pass. And, had I not studied the questions very thoroughly, and I mean all of them, I would not have passed.

The question pool covers a huge range of information. It's questionnable -- no pun intended -- whether a single person can know all of that theory well enough to walk in and pass with minimal study of the questions.

On top of this, many times the wording of the answer doesn't always reflect the real nature of the theory.

Finally, studying the questions well and very thoroughly will really expand your
knowledge. Any question I didn't understand, I googled and found decent explanations.

At any rate, I just don't agree that you can know the theory, not spend a lot of
time studying the questions, and expect to pass just on a knowledge of the theory..

And, in fact, as you point, many of the questions have nothing to do with theory
but are experienced based. The questions on GPS were easy for me to master, having worked on a GPS system. The questions on vacuum tubes were a bit harder, but given their role in commercial systems -- necessary for the 100,000 watt
transmitters, expanded my knowledge quite a bit.

In fact, studying the questions really hard and in great detal was part of the fun for me.

Bruce

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of D F
Sent: Thursday, March 05, 2009 10:05 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: General Question about the Extra licence

This should have been put to bed a LONG time ago, but I will drop my 2 cents worth:

The tests (tech, general or extra) exist for one reason ONLY - to test your knowledge of the subject you are being examined for. To simply memorize the questions and answers, in my opinion, makes for an UN-SKILLED and IGNORANT operator - IN ANYTHING.

The "theory" is there so you can not only understand how this thing called radio works, but to apply it to "further the radio art".

It has become all too easy nowadays to memorize the questions/answers, go out and BUY a rig, and be on the air in a matter of hours - so to speak. Remember, some of our Elmers and old-timers not only had to prove their efficiency by testing, they had to actually BUILD their own radios. This is where the theory comes in.

Before the VE program, you had to go to the nearest FCC office and take the exam. There were no question pools to look at or memorize either. You either knew the material or you failed. That simple.

If you don't know the theory, how can you honestly properly build or repair a radio, antenna, power supply or even fabricate something you may need for your shack to have it either operate correctly, or the way YOU want it?

Do this, try to have a technical discussion with someone who only memorized the questions/answers and then come back and tell us if they were able to assist you in figuring something out or solving a problem you may be having. Doesn't work, does it? Most of us have even heard these people on the airwaves at sometime and those of us who know better just shake our heads in disbelief.

So, NO, if you are going to study, STUDY THE THEORY! ALL answers are in the theory, period! There are simply too many questions to memorize for you to HOPE you get the "easier" ones on the test you take. If you KNOW THE THEORY, YOU WILL PASS!

By the way, I am also a VE!

Dennis - N8BMB

---

m: Stewart Nelson <morriltonmayor@ sbcglobal. net>
To: FT897@yahoogroups. com
Sent: Thursday, March 5, 2009 7:08:50 PM
Subject: [FT897] Re: General Question about the Extra licence

From KD5LBE I have never seen so much negative talk. If you are going to carry the license you need to learn to talk the talk. The question are posted as has been mentioned before because of the freedom of information laws. The ARRL wants people to pass the test and does what it can to encourage learning the theory. You will enjoy the hobby more if you make it more than learning enough to answer 50 EXTRA questions. You need to think of the 50 question to the Extra test as passing from kindergarden to first grade. I took the test twice and the only bad part was realizing what I had missed. It was the easy questions that took me out. I took it a second time and passed. When you pass the test it will be a great feeling. You do not have to read the book every day, just work on the parts you can't remember and remember a lot of the questions are repeated with slightly different answers. When you learn the theory you can answer all of the similar

questions. Be
ready to pass the test a get one really big high. There are a lot more
people to talk to with an Extra Ticket.

--- In FT897@yahoogroups. com, Robert <robertmayhelp@ ...> wrote:
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> Gabe Gabe Gabe
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you had better be prepared to pass the examination. Otherwise just take your
money and flush it down the toilet.
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others who will be taking the exam in the future. If something is important
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for VECs to grade the exam by making it multiple choice. Multiple choice is
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questions true or false (yes/no). Why do you think they take the time to
publish they entire question pool on the FCC website and other places? I
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25269. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:31:39 UTC
From: Jim
Topic: 25128 Message: 25269

Well, I remember buying an ARRL License Manual full of questions. I think I studied that for a few years until I either knew the answers or could figure them out. With the current question pool, I don't see as how there is a difference. You read the question, study the explanation until you know the material, or have it memorized. Some of the questions, there is no way to figure them out unless you memorize them, and then I question what are questions like that doing on the test. For instance, Why should someone have to remember the acronyms for the treaty that lets us operate in different countries unless you are going to go to that country? And if you are planning a trip,that would be the time to investigate. Also why should someone memorize the acronyms for the different digital modes?

D F wrote:
>
> Before the VE program, you had to go to the nearest FCC office and
> take the exam. There were no question pools to look at or memorize
> either. You either knew the material or you failed. That simple.
>

25270. license

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:35:24 UTC
From: dave.stockton@yahoo.com
Topic: 25270 Message: 25270

Hi folks

Just got my call sign today. M6DMA

Can't wait to start catching people on the air!

73s all

Dave Stockton. M6DMA

Sent from my BlackBerry® wireless device

25271. Multiple Choice Questions.

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:37:58 UTC
From: P Grant
Topic: 25271 Message: 25271

Greetings everyone.

When Licencing for the hobby of amateur radio first became available, the idea was that by passing the required standard, you could show that YOU, were proficent in the workings of "Radio".
This is still the idea.
The system of having different grades of knowledge, confined to a range of different frequencies was , and still is the best way to let beginners on to the bands.
If you are considering taking the first, easiest test, You owe it to yourself to know all there is to know, about how to run a radio station.This will include knowing enough theory to make sure you are not being issued with a "licence to kill", ... to blow up your equipment, or cause damage and interferance to others, both on the redio spectrum, and not just your near neighbour, but people all over the world.
OK, say you want a VHF licence, you do not need to know the vast range of licence Call Signs, from all around the world. But you will still need to know basic electrical theory like Ohms Law, V=IxR,,, You willnot need to know how to wind coils and make traps and filters, but you must be able to work out the formulae, if it is necrssary to build a filter for VHF.
If anyone thinks that it is possible to become a first class radio operator, it cannot be done by theory alone, and was never intended to be the way it worked.
Ham radio is a hobby.... perhaps, but it also attempts to be a self training exercise on an on going basis. It is a hands on experience, it is a practical experience, it is a learning experience.. you were never meant to know everything to pass the exam for whatever level you were atempting.
This is why you need a licence, to experiment and innovate,,,
I could go on, for a week,,, enough to say... I know all the answers, I hope I get the right questions ???? if that is your attitude,, well I t hink you belong to the group, who ask "stupid" questions here and other forums, which are not only basic electronics, but are clearly set out in the instruction manual.
Apart from being able to find a problem in your system, and fix it yourself, you save time and postage, and the repair bill. You also save embarasment of asking a question which proves you are not qualified to be a radio Ham. ... all right you do not know the insides of a modern black box radio,,, well neither do I, I just do'nt do surface mount stuff, and thats my excuse.
I have a beautiful camera which was in my friends rubbish, I took it home and now it works perfect for me,,, it has a giant photo diode sticking out through the case, and looks strange, but it cost ?300.00 and I got it for free,
I have read here about a person who binned his radio because the wee led, had stopped working, another theorist told him the audio chip was gone and throw it in the bin,,,,,
That is fine for some, perhaps the people who support the read the questions lobby...
Hospital doctors are "licenced" at various stages of experience,,, a newly qualified junior doctor will never be expected to do a heart transplant, not on his first day,,, but you get the comparison... You should be like the new doctor,, make your motto.. "some day I will be an expert at that",,,
You will never be as good as " your teacher" if you only read questions.

Before you buy a radio, do yourself a big favour,,, buy a few good texbooks, and learn a little practical work,,, spend a few more dollars on test equipment than on fancy gismos, Build your own antenna, and power supply, it will be better for all of us if you do.
Slan, Peter Grant, Licenced Radio Experimenter, Ireland EI4HX _._
ei4hxperimental@...
~~ 00 ~~

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25272. Re: [FT897] license

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:39:30 UTC
From: Jim
Topic: 25270 Message: 25272

Congratulations, and welcome aboard

dave.stockton@... wrote:
> Hi folks
>
> Just got my call sign today. M6DMA
>
> Can't wait to start catching people on the air!
>
> 73s all
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> Dave Stockton. M6DMA
>
>
> Sent from my BlackBerry? wireless device
>
> ------------------------------------
>
> Yahoo! Groups Links
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25273. Re: [FT897] license

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:48:48 UTC
From: Scot
Topic: 25270 Message: 25273

Well done Dave

M1AFY

From: "Jim" <liteways@...>
Sent: 06 March 2009 13:46
To: FT897@yahoogroups.com
Subject: Re: [FT897] license

Congratulations, and welcome aboard

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Yahoo! Groups Links

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25274. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:53:15 UTC
From: Fred Neff
Topic: 25128 Message: 25274

Thanks Dennis... that was very well stated and I agree to the fullest.

Fred
WE7M

--- On Fri, 3/6/09, D F <n8bmb1@...> wrote:
From: D F <n8bmb1@...>
Subject: Re: [FT897] Re: General Question about the Extra licence
To: FT897@yahoogroups.com
Date: Friday, March 6, 2009, 12:05 AM

This should have been put to bed a LONG time ago, but I will drop my 2 cents worth:

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So, NO, if you are going to study, STUDY THE THEORY! ALL answers are in the theory, period! There are simply too many questions to memorize for you to HOPE you get the "easier" ones on the test you take. If you KNOW THE THEORY, YOU WILL PASS!

By the way, I am also a VE!

Dennis - N8BMB

---------- --------- --------- --

m: Stewart Nelson <morriltonmayor@ sbcglobal. net>

To: FT897@yahoogroups. com

Sent: Thursday, March 5, 2009 7:08:50 PM

Subject: [FT897] Re: General Question about the Extra licence

From KD5LBE I have never seen so much negative talk. If you are going to carry the license you need to learn to talk the talk. The question are posted as has been mentioned before because of the freedom of information laws. The ARRL wants people to pass the test and does what it can to encourage learning the theory. You will enjoy the hobby more if you make it more than learning enough to answer 50 EXTRA questions. You need to think of the 50 question to the Extra test as passing from kindergarden to first grade. I took the test twice and the only bad part was realizing what I had missed. It was the easy questions that took me out. I took it a second time and passed. When you pass the test it will be a great feeling. You do not have to read the book every day, just work on the parts you can't remember and remember a lot of the questions are repeated with slightly different answers. When you learn the theory you can answer all of the similar questions. Be

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> Gabe Gabe Gabe

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> _____ _____ _____ __

> From: aj4ad <aj4ad@...>

> To: FT897@yahoogroups. com

> Sent: Wednesday, February 25, 2009 6:14:55 PM

> Subject: [FT897] Re: General Question about the Extra licence

>

>

> Honestly who has the time to read the ENTIRE question pool every day?!

> If you have that much time and the ability to recognize every answer

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25275. Re: [FT897] license

Yahoo group: FT897 (2009)
Date: 2009-03-06 13:53:36 UTC
From: Peter Robinson
Topic: 25270 Message: 25275

Congratulations - enjoy - 73 de Peter - G?FIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: <dave.stockton@yahoo.com>
To: <FT897@yahoogroups.com>
Sent: Friday, March 06, 2009 1:35 PM
Subject: [FT897] license

> Hi folks
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> Just got my call sign today. M6DMA
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> Can't wait to start catching people on the air!
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> Dave Stockton. M6DMA
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>
> Sent from my BlackBerry? wireless device
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> ------------------------------------
>
> Yahoo! Groups Links
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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.8/1986 - Release Date: 03/05/09 19:32:00

[Non-text portions of this message have been removed]

25276. Re: [FT897] Multiple Choice Questions.

Yahoo group: FT897 (2009)
Date: 2009-03-06 14:18:29 UTC
From: jurgen vogel
Topic: 25271 Message: 25276

I do agree with most if not all you said here. As I got my first VK3 license in 1959 the examinations were sort of quite hard for most people which were not in the radio business. The CW speed was quite high and the technical knowledge had to be sufficient to build your own transmitting and receiving equipment. There were really non of the over the counter rigs available. I remember grinding Xtals for the crystal filters in my first completely home brew SSB transceiver. May be the tests were too hard in that days. But it was a lot of fun. Now most hams are just appliance operators and actually have a very limited technical knowledge. This can be seen by a lot of the questions asked in this forum. OK we have more hams now but as far as I can see, as the examination standarts have gone down more and more, the operating standarts seem to have gone down as well. May be I am an old fuzzy dady and expect to much, but the days when we exchanged xtal filter
data using normal xtals reground to what we needed for our rigs etc. really gave you an enormous knowledge of the technical side of radio communications. I remember the rag chews with Don Stoner or Walt Henry how to do things the best way. Well this times are gone for ever. Incidentally surface mounted components are much easier to change as the old through the hole type. HI HI HI, all you need is a gas operated soldering iron which you can use as a torch and some soldering paste. So no regrets.
Best 73's
Jurgen (Olaf) VK6AHI

Jurgen

From: P Grant <ei4hxperimental@eircom.net>
To: FT897@yahoogroups.com
Sent: Friday, 6 March, 2009 10:37:58 PM
Subject: [FT897] Multiple Choice Questions.

Greetings everyone.

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This is still the idea.
The system of having different grades of knowledge, confined to a range of different frequencies was , and still is the best way to let beginners on to the bands.
If you are considering taking the first, easiest test, You owe it to yourself to know all there is to know, about how to run a radio station.This will include knowing enough theory to make sure you are not being issued with a "licence to kill", ... to blow up your equipment, or cause damage and interferance to others, both on the redio spectrum, and not just your near neighbour, but people all over the world.
OK, say you want a VHF licence, you do not need to know the vast range of licence Call Signs, from all around the world. But you will still need to know basic electrical theory like Ohms Law, V=IxR,,, You willnot need to know how to wind coils and make traps and filters, but you must be able to work out the formulae, if it is necrssary to build a filter for VHF.

If anyone thinks that it is possible to become a first class radio operator, it cannot be done by theory alone, and was never intended to be the way it worked.
Ham radio is a hobby.... perhaps, but it also attempts to be a self training exercise on an on going basis. It is a hands on experience, it is a practical experience, it is a learning experience.. you were never meant to know everything to pass the exam for whatever level you were atempting.
This is why you need a licence, to experiment and innovate,,,
I could go on, for a week,,, enough to say... I know all the answers, I hope I get the right questions ???? if that is your attitude,, well I t hink you belong to the group, who ask "stupid" questions here and other forums, which are not only basic electronics, but are clearly set out in the instruction manual.
Apart from being able to find a problem in your system, and fix it yourself, you save time and postage, and the repair bill. You also save embarasment of asking a question which proves you are not qualified to be a radio Ham. ... all right you do not know the insides of a modern black box radio,,, well neither do I, I just do'nt do surface mount stuff, and thats my excuse.
I have a beautiful camera which was in my friends rubbish, I took it home and now it works perfect for me,,, it has a giant photo diode sticking out through the case, and looks strange, but it cost €300.00 and I got it for free,
I have read here about a person who binned his radio because the wee led, had stopped working, another theorist told him the audio chip was gone and throw it in the bin,,,,,
That is fine for some, perhaps the people who support the read the questions lobby...
Hospital doctors are "licenced" at various stages of experience,,, a newly qualified junior doctor will never be expected to do a heart transplant, not on his first day,,, but you get the comparison... You should be like the new doctor,, make your motto.. "some day I will be an expert at that",,,
You will never be as good as " your teacher" if you only read questions.
Before you buy a radio, do yourself a big favour,,, buy a few good texbooks, and learn a little practical work,,, spend a few more dollars on test equipment than on fancy gismos,
Build your own antenna, and power supply, it will be better for all of us if you do.
Slan, Peter Grant, Licenced Radio Experimenter, Ireland EI4HX _._
ei4hxperimental@...
~~ 00 ~~

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Stay connected to the people that matter most with a smarter inbox. Take a look
http://au.docs.yahoo.com/mail/smarterinbox

[Non-text portions of this message have been removed]

25277. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 14:47:56 UTC
From: D F
Topic: 25128 Message: 25277

My point exactly. I know there items in the test that make no sense at all. However, if you believe that bit is not going to benefit you then you can concentrate on something else.

BUT!

I was just like you, didn't think I needed to know the digital stuff or other items, then I got interested in it and had to go back and study it again. NOT to say you NEED to know it, but it does help, especially to pass the exam.

My other point is this: Studying the questions/answers alone ONLY gets you a pass. It really does little to help you understand WHY something is the way it is or HOW it works. I believe the ARRL made a BIG mistake by making the only question pool available to study. One of the reasons the FCC WANTS you to have your license, if you remember, is to "Further the radio art". You CAN'T do this if you don't know HOW OR WHY things work. The ARRL is really only interested in the numbers. That is, HOW MANY amateurs there are. The more amateurs, the bigger voice, so to speak. That, really, is the reason the pool is available. To me, it makes for an un-informed operator that has little to offer the hobby and DOES NOT help to "Further the radio art".

Yes, it is absolutely nice that you can go and BUY that radio, BUY that antenna, BUY that power supply and BUY that tuner. But what happens if any of it fails? Could you diagnose the problem on your own to determine if YOU could repair it and save LOTS OF MONEY in doing so? Eventually that warranty expires and not everyone has the money to "throw away" to send something in for repair. You would be amazed at how inexpensive MOST repairs actually are. MANY parts are actually less that $1.00 (ONE dollar) and sometimes easy to repair/replace. Can YOU build your own antenna? MUCH cheaper than commercially manufactured ones and in many instances they work BETTER. What if you wanted to design and build SOMETHING that would help either yourself or other hams? Design, build and test a new MODE of communication? You NEED to know the theory on how all those little parts integrate and relate to eachother so it works properly. Or, suppose you are causing interference to your neighbor. Could you properly advise him on the correct filters for his/her equipment to eliminate the interference?

Not to mention that the "downtime" to your radio will be much less.

There really is more to this hobby than just BUYING everything you need to get a station up and running. Too many hams are out there already that don't know much about this hobby other than hooking up the power and coax and keying the mic. I'll give you an example - this is a TRUE incident:

A local (unnamed) ham borrowed an HT from another. Something went wrong while he had it. He couldn't figure out HOW TO OPEN THE CASE so he took a soldering iron, melted open the case, couldn't figure out what all the parts were or where the problem was (he didn't even KNOW what a MULTI-METER was!!!!!), put the case back on and took a screw and screwed the case to the board right in the middle of the front of the radio thereby rendering the HT to junk and gave the HT back to whom he borrowed it. This gentleman is one of those who admits to studying ONLY the questions/answers to pass the exam and has almost no knowledge of

electronics. And now he holds a General License!

Lastly, if you are going to only study the questions/answers, I would HIGHLY suggest having AT LEAT these two books handy for reference;

The ARRL Antenna Book
The ARRL Handbook

It is my opinion that an informed amateur is a better operator, and therefore, better helps to promote the hobby and "Further the radio art".

Dennis - N8BMB

From: Jim <liteways@...>
To: FT897@yahoogroups.com
Sent: Friday, March 6, 2009 7:31:39 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

Well, I remember buying an ARRL License Manual full of questions. I think I studied that for a few years until I either knew the answers or could figure them out. With the current question pool, I don't see as how there is a difference. You read the question, study the explanation until you know the material, or have it memorized. Some of the questions, there is no way to figure them out unless you memorize them, and then I question what are questions like that doing on the test. For instance, Why should someone have to remember the acronyms for the treaty that lets us operate in different countries unless you are going to go to that country? And if you are planning a trip,that would be the time to investigate. Also why should someone memorize the acronyms for the different digital modes?

D F wrote:
>
> Before the VE program, you had to go to the nearest FCC office and
> take the exam. There were no question pools to look at or memorize
> either. You either knew the material or you failed.. That simple.
>

[Non-text portions of this message have been removed]

25278. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 15:25:05 UTC
From: Carl Wulfestieg
Topic: 25128 Message: 25278

Oh! The HT anecdote ruined my whole day - I've seen and heard of similar things in my area. Oh again! Could the reason for creating more amateur radio licensees by (1) The test "dumbing down", (2) The many "one day cram" courses followed by a test session, and (3) The current study method of memorizing answers rather than learning the material, have anything to do with the "industry" wanting to create a larger market for their products? I wonder.
73 Carl WZ4CW, SKCC 918, FISTS 13491

P.S. If you're into CW, check out Straight Key Century Club (SKCC) at:
http://www.skccgroup.com

[Non-text portions of this message have been removed]

25279. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 15:50:17 UTC
From: D F
Topic: 25128 Message: 25279

I was going to mention that as well, but thought better not to. It is not fact that the manufacturers have a hand in this, but as you point out, there are many who believe this is also the case.

I took a class that lasted 8 weeks for my Technician license, but I tested out after 6 at a local swap. While I only passed with like 82% or thereabouts, I was satisfied with the result. Would it have been nice to score 100%? Sure. Who doesn't? But as I stated you get nothing extra out of it other than "bragging rights".

I studied the General on my own for about 2 months and TOGETHER with the practice exams from QRZ passed again around 80%. I had a wonderful elmer who had been in the hobby since the 50's until last October when he went SK and the info and advice he gave was absolutely helpful.

The knowledge and ability is something that continues WELL AFTER you pass. I don't know of ANY ham who "knows it all" and they, too, always learn something new.

I love this hobby and love tinkering with and repairing things as well. Don't think I would have been able to if I didn't know the theory.

Dennis - N8BMB

From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Friday, March 6, 2009 9:25:05 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

Oh! The HT anecdote ruined my whole day - I've seen and heard of similar things in my area. Oh again! Could the reason for creating more amateur radio licensees by (1) The test "dumbing down", (2) The many "one day cram" courses followed by a test session, and (3) The current study method of memorizing answers rather than learning the material, have anything to do with the "industry" wanting to create a larger market for their products? I wonder.
73 Carl WZ4CW, SKCC 918, FISTS 13491

P.S. If you're into CW, check out Straight Key Century Club (SKCC) at: http://www.skccgroup.com

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[Non-text portions of this message have been removed]

25280. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 17:25:22 UTC
From: Bruce Krell
Topic: 25128 Message: 25280

Guys, I wasn't trying to brag.
Frankly, there is NO difference between 100% and 80%, both pass.

I simply was trying to clarify a couple of issues, that I will now try to state succinctly again:

-- you really need to know the theory to pass the exam
-- you really should have a lot of practical experience to pass the exam
-- there is a lot of stuff in the exams that have nothing to do with theory
-- you should use studying the questions and the answers as an opportunity to expand your knowledge in the area of radios and radio electronics
-- thinking that you can just study the theory alone and pass is foolish
-- thinking that you can just study the questions alone and pass is also foolish
-- thinking you can just study some abstract theory, lightly study the questions,
and walk in and pass the exam is foolish
-- frankly, taking a prep course and memoring exam questions undermines the hobby

Look, the pool is 1500 or so questions. You'll get 100 of them on the extra class exam.
To lightly brush over any question because you don't understand is dangerous.
All it takes is a few of those on your exam and you're hosed.

So, Dennis, I was agreeing with you -- apparently we were in violent agreement
here :), but simply trying to say that if you want to pass,
you need to really think about going the extra step and take studying the exam pool
as a serious task AFTER you have mastered the theory. But theory alone just won't cut it.

As far as opting out of the technician class early to pass, I honestly think that
having an 8 week class to study the technician materials is overkill. The amount
of substantive knowledge in the level of exam is small. The question pool does
an excellent job of insuring that a licensed technician has a sufficient knowledge
of the rules and technical expertise to participate within the VHF/UHF bands.

This is an entry level license, and you want minimal requirements for entry. Do you really want to make it so
hard that the industry dies? Is your personal ego so self-centric that it's all about
you and some sense of superiority or are you really interested in promoting the
hobby? What would happen if the entry level was so hard that people couldn't enter
and the manufacturers go out of business? You can't get radios, you can't get
technology. And, people who enter at the first level are not really going to be
building radios and antennas. So, let's all get beyond the dumbing down accusations
and try to think about the long term viability of the hobby. Just look at the last few QSTs
from ARRL and the rise in General and Extra Class licenses issued. This is great for all of us,
because the manufacturers will continue to provide all sorts of cool equipment.

By the way, Dennis, the attitude in your e-mails is unnecessary. We are all a group of like
minded persons who are interested in the hobby and its advancement. All of us were
simply trying to have an informed discussion about an issue and were trying to
succinctly state our opinions and justify them. The condescending attitude just
doesn't help the community. So, please show a bit of respect for the rest of us
who try to respond. (I'm taking umbrage with your insult to Batman here).

Maybe I'm misreading your e-mails, if so, I apologize.
But, your tone just doesn't cut if for me.

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of D F
Sent: Friday, March 06, 2009 7:50 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: General Question about the Extra licence

I was going to mention that as well, but thought better not to. It is not
fact that the manufacturers have a hand in this, but as you point out, there
are many who believe this is also the case.

I took a class that lasted 8 weeks for my Technician license, but I tested
out after 6 at a local swap. While I only passed with like 82% or
thereabouts, I was satisfied with the result. Would it have been nice to
score 100%? Sure. Who doesn't? But as I stated you get nothing extra out of
it other than "bragging rights".

I studied the General on my own for about 2 months and TOGETHER with the practice exams from QRZ passed again around 80%. I had a wonderful elmer who had been in the hobby since the 50's until last October when he went SK and the info and advice he gave was absolutely helpful.

The knowledge and ability is something that continues WELL AFTER you pass. I don't know of ANY ham who "knows it all" and they, too, always learn something new.

I love this hobby and love tinkering with and repairing things as well. Don't think I would have been able to if I didn't know the theory.

Dennis - N8BMB

From: Carl Wulfestieg <ag4ls@...>
To: FT897@yahoogroups.com
Sent: Friday, March 6, 2009 9:25:05 AM
Subject: Re: [FT897] Re: General Question about the Extra licence

Oh! The HT anecdote ruined my whole day - I've seen and heard of similar things in my area. Oh again! Could the reason for creating more amateur radio licensees by (1) The test "dumbing down", (2) The many "one day cram" courses followed by a test session, and (3) The current study method of memorizing answers rather than learning the material, have anything to do with the "industry" wanting to create a larger market for their products? I wonder.
73 Carl WZ4CW, SKCC 918, FISTS 13491

P.S. If you're into CW, check out Straight Key Century Club (SKCC) at: http://www.skccgrou p.com

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[Non-text portions of this message have been removed]

25281. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 18:07:10 UTC
From: Chris Baker
Topic: 25128 Message: 25281

Guys can this topic die or be sorted out of group?

Thanks

Chris G4LDS

[Non-text portions of this message have been removed]

25282. RE: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 18:13:20 UTC
From: Bruce Krell
Topic: 25128 Message: 25282

I agree

Let me offer a switch in topic.

Can anyone list 5-10 basic steps to use the FT-897d for satellite communications?

I'd like to try this, but really don't know where to start.

Thanks.

Bruce, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Chris Baker
Sent: Friday, March 06, 2009 10:07 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: General Question about the Extra licence

Guys can this topic die or be sorted out of group?

Thanks

Chris G4LDS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25283. False HISWR

Yahoo group: FT897 (2009)
Date: 2009-03-06 21:03:05 UTC
From: Bill
Topic: 25283 Message: 25283

Howdy group,
Has anyone seen false HISWR indications (HISWR Icon) when using CAT or sound card interfacing with any software?
I say false because all is well when not using the CAT interfacing.
Could there possibly be an incorrect menu setting?
Bill N5ZTW

25284. How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-06 21:56:37 UTC
From: ke5yyz
Topic: 25284 Message: 25284

I am installing the FT897D in a Jeep Wrangler along with an ATAS-120 and a separate VHF/UHF antenna. I am looking for ideas and/or photos of anyone that has the ATAS120 on their vehicle. I would like to see how others have installed the antenna.

Thank you,
Oscar
KE5YYZ

25285. Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-06 22:50:20 UTC
From: gardfire5
Topic: 25284 Message: 25285

Diamond K400C is what I have to mount my Atas 120 to my car. It's very easy to install just make sure that you becareful how you run the coax into you vehicle. I have a Toyota Matrix and was running the coax along the hatchback opening. I ended up ruining the coax. I know have it going through my glass window which opens up and I have no problems with it. Do you have a hard top on it or a soft top. You shouldn't have any problems with a soft top. Good luck let me know if there is anything else I can help you with this. 73
Patrick KB1QVJ

--- In FT897@yahoogroups.com, "ke5yyz" <ke5yyz@...> wrote:
>
> I am installing the FT897D in a Jeep Wrangler along with an ATAS-120 and a separate VHF/UHF antenna. I am looking for ideas and/or photos of anyone that has the ATAS120 on their vehicle. I would like to see how others have installed the antenna.
>
> Thank you,
> Oscar
> KE5YYZ
>

25286. Re: [FT897] Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-07 04:50:28 UTC
From: wayne morton
Topic: 25284 Message: 25286

Same here i used the K400C monted sideways on the top side of the passenger door.... Ford Explorer, pitty i cant stop the qrm from the on boad computer mind.

W5yne

--- On Fri, 3/6/09, gardfire5 <gardfire5@...> wrote:

From: gardfire5 <gardfire5@...>
Subject: [FT897] Re: How did you mount the ATAS-120 to your vehicle?
To: FT897@yahoogroups.com
Date: Friday, March 6, 2009, 10:50 PM

Diamond K400C is what I have to mount my Atas 120 to my car. It's very easy to install just make sure that you becareful how you run the coax into you vehicle. I have a Toyota Matrix and was running the coax along the hatchback opening. I ended up ruining the coax. I know have it going through my glass window which opens up and I have no problems with it. Do you have a hard top on it or a soft top. You shouldn't have any problems with a soft top. Good luck let me know if there is anything else I can help you with this. 73
Patrick KB1QVJ

--- In FT897@yahoogroups. com, "ke5yyz" <ke5yyz@...> wrote:
>
> I am installing the FT897D in a Jeep Wrangler along with an ATAS-120 and a separate VHF/UHF antenna. I am looking for ideas and/or photos of anyone that has the ATAS120 on their vehicle. I would like to see how others have installed the antenna.
>
> Thank you,
> Oscar
> KE5YYZ
>

[Non-text portions of this message have been removed]

25287. Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-07 11:30:19 UTC
From: vhklein2003
Topic: 25284 Message: 25287

--- In FT897@yahoogroups.com, wayne morton <wayne_alan2000@...> wrote:
>
> Same here i used the K400C monted sideways on the top side of the passenger door.... Ford Explorer, pitty i cant stop the qrm from the on boad computer mind.
>
> W5yne
>
I used the 857/ATAS100 setup in my Explorer for years with the ATAS on a Diamond K400C at the right rear corner of the tailgate. Worked very well and I worked lots of DX driving down the highway. The Explorer has the problem a lot of older Fords had with a very noisy fuel pump, for which there was a factory TSB that installed a noise filter at the pump. That helped a lot, but even better was using a ClearSpeech noise-cancelling speaker that makes HF like listening to VHF FM.

I bought a new Mustang last year and swapped the rig over to it (still have the Explorer, but just use for work around the Farm and in snow). Good news is that the Mustang does not have the RFI from the vehicle computer and fuel pump...it is dead quiet on HF. The ATAS is on the truck lid with the same K400C mount and the 857 is split from the trunk to the control head on the overhead console.

=Vic=
WA4THR

25288. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-07 21:51:07 UTC
From: j. eric townsend
Topic: 25284 Message: 25288

ke5yyz wrote:
> I am installing the FT897D in a Jeep Wrangler along with an ATAS-120 and a separate VHF/UHF antenna. I am looking for ideas and/or photos of anyone that has the ATAS120 on their vehicle. I would like to see how others have installed the antenna.
>
> Thank you,
> Oscar
> KE5YYZ

I mounted mine to the shell of my pickup, figure it makes for an
excellent ground plane:

http://www.flatline.net/journal/2006/07/24/my-first-hf-mobile-installation/

--
J. Eric "jet" Townsend, CMU Master of Tangible Interaction Design '09

design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

25289. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-08 14:40:57 UTC
From: wayne morton
Topic: 25284 Message: 25289

Oscar,
          There is a yahoo group devoted to the antenna mate, there are loads of pictures on there

W5yne

--- On Sat, 3/7/09, j. eric townsend <jet@...> wrote:

From: j. eric townsend <jet@...>
Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?
To: FT897@yahoogroups.com
Date: Saturday, March 7, 2009, 9:51 PM

ke5yyz wrote:
> I am installing the FT897D in a Jeep Wrangler along with an ATAS-120 and a separate VHF/UHF antenna. I am looking for ideas and/or photos of anyone that has the ATAS120 on their vehicle. I would like to see how others have installed the antenna.
>
> Thank you,
> Oscar
> KE5YYZ

I mounted mine to the shell of my pickup, figure it makes for an
excellent ground plane:

http://www.flatline .net/journal/ 2006/07/24/ my-first- hf-mobile- installation/

--
J. Eric "jet" Townsend, CMU Master of Tangible Interaction Design '09

design: www.allartburns. org; hacking: www.flatline. net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

[Non-text portions of this message have been removed]

25290. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-08 15:33:35 UTC
From: Jim
Topic: 25284 Message: 25290

What is an antenna mate?

wayne morton wrote:
>
> Oscar,
> There is a yahoo group devoted to the antenna mate, there
> are loads of pictures on there
>
> W5yne
>
>
>
> --- On Sat, 3/7/09, j. eric townsend <jet@...
> <mailto:jet%40flatline.net>> wrote:
>
> From: j. eric townsend <jet@... <mailto:jet%40flatline.net>>
> Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Saturday, March 7, 2009, 9:51 PM
>
> ke5yyz wrote:
> > I am installing the FT897D in a Jeep Wrangler along with an ATAS-120
> and a separate VHF/UHF antenna. I am looking for ideas and/or photos
> of anyone that has the ATAS120 on their vehicle. I would like to see
> how others have installed the antenna.
> >
> > Thank you,
> > Oscar
> > KE5YYZ
>
> I mounted mine to the shell of my pickup, figure it makes for an
> excellent ground plane:
>
> http://www.flatline .net/journal/ 2006/07/24/ my-first- hf-mobile-
> installation/
>
> --
> J. Eric "jet" Townsend, CMU Master of Tangible Interaction Design '09
>
> design: www.allartburns. org; hacking: www.flatline. net; HF: KG6ZVQ
> PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8
>
> [Non-text portions of this message have been removed]
>
>

25291. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-08 16:00:48 UTC
From: Joe
Topic: 25284 Message: 25291

Mating the antenna to a mount or vehicle??

What is the website or group name?

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Jim" <liteways@...>
Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?

> What is an antenna mate?
>
> wayne morton wrote:
>>
>> Oscar,
>> There is a yahoo group devoted to the antenna mate, there
>> are loads of pictures on there

25292. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-08 16:26:25 UTC
From: tailfeathers
Topic: 25284 Message: 25292

Maybe he's Australians...:>)

Gary
n8gsj

Jim wrote:
> What is an antenna mate?
>
> wayne morton wrote:
>
>> Oscar,
>> There is a yahoo group devoted to the antenna mate, there
>> are loads of pictures on there
>>
>> W5yne
>>
>

_____
Digital Photography - Click Now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQUX1OLafaTaT2M8gVX1mNItJiTYMXJqda763F87S8TXXGAn0M/

25293. Re: [FT897] Re: General Question about the Extra licence

Yahoo group: FT897 (2009)
Date: 2009-03-06 02:08:18 UTC
From: Robert
Topic: 25128 Message: 25293

Mr. Nelson made a valid point regarding passing and emotion that comes from passing the Amateur Extra exam.

Failing is painful when it is thought that you put enough work and sweat into a project. It is even more painful when the project costs money. This is why it is better to put your efforts into preparation beforeyou plunk your money down on the table to take the examination.

As Murphy (of Murphy's Law) so aptly put it:

"Work smarter not harder and be careful of your spelling."

From: Stewart Nelson <morriltonmayor@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 5, 2009 5:08:50 PM
Subject: [FT897] Re: General Question about the Extra licence

From KD5LBE I have never seen so much negative talk. If you are going to carry the license you need to learn to talk the talk. The question are posted as has been mentioned before because of the freedom of information laws. The ARRL wants people to pass the test and does what it can to encourage learning the theory. You will enjoy the hobby more if you make it more than learning enough to answer 50 EXTRA questions. You need to think of the 50 question to the Extra test as passing from kindergarden to first grade. I took the test twice and the only bad part was realizing what I had missed. It was the easy questions that took me out. I took it a second time and passed. When you pass the test it will be a great feeling. You do not have to read the book every day, just work on the parts you can't remember and remember a lot of the questions are repeated with slightly different answers. When you learn the theory you can answer all of the similar
questions. Be ready to pass the test a get one really big high. There are a lot more people to talk to with an Extra Ticket.

--- In FT897@yahoogroups. com, Robert <robertmayhelp@ ...> wrote:
>
> Gabe Gabe Gabe
>
> When you plunk down the examination fee or any money for an examination, you had better be prepared to pass the examination. Otherwise just take your money and flush it down the toilet.
>
> "Who has the time to read the entire question pool every day?!" I did and many other smart people who tested before I took the extra exam and others who will be taking the exam in the future. If something is important enough to achieve, then it should be important enough to prepare for it. If that means reading the question people everyday, then in my humble opinion it is a small price to pay for my achievement.
>

> Thank you for the compliment that "you obviously have the intelligence to learn the theory and apply it." I respectfully disagree. The extra exam is not to test see if you can apply theory. If it were, then people would learn to apply theory. There are hundreds of questions in the examination pool. How many minutes would it take to see if someone can apply 50 questions? It depends on the person. However the FCC and VECs made it easy for VECs to grade the exam by making it multiple choice. Multiple choice is as close to "cut and dry" (right or wrong) as you can get without making the questions true or false (yes/no). Why do you think they take the time to publish they entire question pool on the FCC website and other places? I would like to believe it is because out of the goodness of the FCC and VECs' hearts. They (the FCC and VECs) do not want people to throw away heart earned money by failing and passable examination. The FCC and VECs want people to
> get their ham licenses rather than buying radio equipment and operating without any training at all.
>
> 4) study the whole question pool everday. Concentrate on the
> questions that you regularly miss and think of a creative way to
> remember the answer.
> 5) Be confident in your ability and walk right into the exam room
> and own the room and the exam.
>
> Get busy passing the examination or get busy failing the examination. The choice is yours.
>
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> _____ _____ _____ __
> From: aj4ad <aj4ad@...>
> To: FT897@yahoogroups. com
> Sent: Wednesday, February 25, 2009 6:14:55 PM
> Subject: [FT897] Re: General Question about the Extra licence
>
>
> Honestly who has the time to read the ENTIRE question pool every day?!
> If you have that much time and the ability to recognize every answer
> out of a several hundred item question pool, then you obviously have
> the intelligence to learn the theory and apply it. That's the whole
> point!!
>
> Gabe
>
> --- In FT897@yahoogroups. com, Robert <robertmayhelp@ ...> wrote:
> >
> > Here are the corrected suggestions:
>

> > 4) study the whole question pool everday. Concentrate on the
> questions that you regularly miss and think of a creative way to
> remember the answer.
> > 5) Be confident in your ability and walk right into the exam room
> and own the room and the exam.
> >
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25294. MODERATOR MESSAGE: General Question about the Extra license

Yahoo group: FT897 (2009)
Date: 2009-03-08 16:52:10 UTC
From: w4wb
Topic: 25294 Message: 25294

Please terminate this thread and return the focus to the FT-897/D.

Tnx es 73 de Barry W4WB, Moderator

25295. Not getting power on PSK

Yahoo group: FT897 (2009)
Date: 2009-03-06 21:52:26 UTC
From: mitchellri3
Topic: 25295 Message: 25295

Up to recently, I was able to run 30 watts with no problem. All of a sudden, the radio will put out 10 watts max, regardless of input volume, etc. Setup: 897D to home brew interface with ground isolation, older Dell laptop, digipan. On other modes, it hits all normal power levels, so at least I have not toasted the finals! There have been no changes in the setup or equipment. Oh, by the way, this is on all bands.
Any help is appreciated!

Leeds WA1GJF

25296. Re: [FT897] Selling W4RT Batteries and Charger

Yahoo group: FT897 (2009)
Date: 2009-03-06 17:44:07 UTC
From: Bryan
Topic: 25265 Message: 25296

I'm interested in the batteries and charger, assuming that they're functional and hold a charge. How do you prefer payment?

Bryan K8VB

--- On Thu, 3/5/09, Jack Neal <w8aqjack@...> wrote:

> From: Jack Neal <w8aqjack@...>
> Subject: [FT897] Selling W4RT Batteries and Charger
> To: FT897@yahoogroups.com
> Date: Thursday, March 5, 2009, 10:08 PM
> I've decided to use my FT-817 for portable work and
> re-install the internal power supply in my FT-897D.
> Therefore I'm selling my W4RT 4500 mah batteries and
> fast charger. These include 2 OPP-897 batteries & the
> OFC-897 fast charger. Both nearly new batteries and the fast
> charger are for sale for $199 plus shipping. Please contact
> me offlist if interested.
> Jack-W8AQ
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

25297. Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-07 15:31:53 UTC
From: buckskinner38@sbcglobal.net
Topic: 25284 Message: 25297

I too would agree that the Diamond mount would be the best one to get. I first bought the Comet CP-5m and was constantly adjusting it. I later got my hands on the Diamond K-400 and never had a problem since then.

kb0paw

--- In FT897@yahoogroups.com, "vhklein2003" <vhklein@...> wrote:
>
> --- In FT897@yahoogroups.com, wayne morton <wayne_alan2000@> wrote:
> >
> > Same here i used the K400C monted sideways on the top side of the passenger door.... Ford Explorer, pitty i cant stop the qrm from the on boad computer mind.
> >
> > W5yne
> >
> I used the 857/ATAS100 setup in my Explorer for years with the ATAS on a Diamond K400C at the right rear corner of the tailgate. Worked very well and I worked lots of DX driving down the highway. The Explorer has the problem a lot of older Fords had with a very noisy fuel pump, for which there was a factory TSB that installed a noise filter at the pump. That helped a lot, but even better was using a ClearSpeech noise-cancelling speaker that makes HF like listening to VHF FM.
>
> I bought a new Mustang last year and swapped the rig over to it (still have the Explorer, but just use for work around the Farm and in snow). Good news is that the Mustang does not have the RFI from the vehicle computer and fuel pump...it is dead quiet on HF. The ATAS is on the truck lid with the same K400C mount and the 857 is split from the trunk to the control head on the overhead console.
>
> =Vic=
> WA4THR
>

25298. atu

Yahoo group: FT897 (2009)
Date: 2009-03-09 00:14:48 UTC
From: dave.stockton@yahoo.com
Topic: 25298 Message: 25298

Hi folks
Here's a daft question? My colleague has an atas type antenna that auto tunes to what ever band he's on. Does the tuning facility make much of a difference to receive as when we tried it and tuned it up,more stations came flooding in once it was tuned. This is a receive only question as I know it does on tx.

FT8974. 73s M6DMA

Dave
Sent from my BlackBerry® wireless device

25299. Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-09 00:22:34 UTC
From: ke5yyz
Topic: 25284 Message: 25299

I went ahead and ordered two K-400 mounts. One for UHF/VHF and the other for HF. I now need to figure out if I need to find the right spots for them.

Thanks for the feedbacks...

Oscar
KE5YYZ

--- In FT897@yahoogroups.com, "buckskinner38@..." <buckskinner38@...> wrote:
>
> I too would agree that the Diamond mount would be the best one to get. I first bought the Comet CP-5m and was constantly adjusting it. I later got my hands on the Diamond K-400 and never had a problem since then.
>
> kb0paw
>

25300. RE: [FT897] atu

Yahoo group: FT897 (2009)
Date: 2009-03-09 00:54:21 UTC
From: eric@van-de-weyer.org
Topic: 25298 Message: 25300

Hi Dave,

yes, it makes a hell of a difference on receive as well.

73....Eric VK2VE

>-- Original Message --
>To: FT897@yahoogroups.com
>From: dave.stockton@...
>Date: Mon, 9 Mar 2009 00:14:48 +0000
>Subject: [FT897] atu
>Reply-To: FT897@yahoogroups.com
>
>
>Hi folks
>Here's a daft question? My colleague has an atas type antenna that auto
tunes
>to what ever band he's on. Does the tuning facility make much of a difference
>to receive as when we tried it and tuned it up,more stations came flooding
>in once it was tuned. This is a receive only question as I know it does
on
>tx.
>
>FT8974. 73s M6DMA
>
>Dave
>Sent from my BlackBerry? wireless device
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

25301. Re: [FT897] atu

Yahoo group: FT897 (2009)
Date: 2009-03-09 02:55:54 UTC
From: Jim
Topic: 25298 Message: 25301

WHen it is tuned, to a frequency, those signals are the strongest that
are close to the tuned frequency

dave.stockton@... wrote:
> Hi folks
> Here's a daft question? My colleague has an atas type antenna that auto tunes to what ever band he's on. Does the tuning facility make much of a difference to receive as when we tried it and tuned it up,more stations came flooding in once it was tuned. This is a receive only question as I know it does on tx.
>
> FT8974. 73s M6DMA
>
> Dave
> Sent from my BlackBerry? wireless device
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

25302. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-09 10:35:33 UTC
From: wayne morton
Topic: 25284 Message: 25302

Here is the yahoo group for the ATAS antenna,
W5yne

http://groups.yahoo.com/group/YaesuATAS/

--- On Sun, 3/8/09, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@...>
Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?
To: FT897@yahoogroups.com
Date: Sunday, March 8, 2009, 4:00 PM

Mating the antenna to a mount or vehicle??

What is the website or group name?

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Jim" <liteways@gmail. com>
Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?

> What is an antenna mate?
>
> wayne morton wrote:
>>
>> Oscar,
>> There is a yahoo group devoted to the antenna mate, there
>> are loads of pictures on there

[Non-text portions of this message have been removed]

25303. atu

Yahoo group: FT897 (2009)
Date: 2009-03-09 10:36:40 UTC
From: dave.stockton@yahoo.com
Topic: 25298 Message: 25303

Hi folks
Thanks for the help on the Atu question. Buying one now as I type - need one anyway but this has made it more easier to explain to the missies
Sent from my BlackBerry® wireless device

25304. Re: [FT897] How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-10 02:03:54 UTC
From: wayne morton
Topic: 25284 Message: 25304

Pure bred Englishman ole chap... lol

W5yne
M1evk

--- On Sun, 3/8/09, tailfeathers <tailfeathers@...> wrote:

From: tailfeathers <tailfeathers@...>
Subject: Re: [FT897] How did you mount the ATAS-120 to your vehicle?
To: FT897@yahoogroups.com
Date: Sunday, March 8, 2009, 4:26 PM

Maybe he's Australians. ..:>)

Gary
n8gsj

Jim wrote:
> What is an antenna mate?
>
> wayne morton wrote:
>
>> Oscar,
>> There is a yahoo group devoted to the antenna mate, there
>> are loads of pictures on there
>>
>> W5yne
>>
>

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Digital Photography - Click Now.
http://thirdpartyof fers.juno. com/TGL2141/ fc/BLSrjpTDvmQUX 1OLafaTaT2M8gVX1
mNItJiTYMXJqda76 3F87S8TXXGAn0M/

[Non-text portions of this message have been removed]

25305. FS: 8 pin mini din 5' cables

Yahoo group: FT897 (2009)
Date: 2009-03-10 11:42:57 UTC
From: Matt Patterson
Topic: 25305 Message: 25305

I have a couple of 5' 8 pin mini din cables for sale. They are 8 conductor cable with a molded 8 pin mini din on one end and bare wires on the other. You can use these to make yourself a CAT or amp keying cable. $15/ea shipped to anyone in the lower 48 states. I accept Paypal or Postal Money Orders.

73 Matt
W5LL

[Non-text portions of this message have been removed]

25306. New email address

Yahoo group: FT897 (2009)
Date: 2009-03-10 11:45:39 UTC
From: John Earnshaw
Topic: 25306 Message: 25306

Please change my details to m0jfe@...
Thanks

John Earnshaw
M0JFE
Ride The Waves And Make New Friends
Packet M0JFE@GB7FCR.#16.GBR.EU
EMAIL m0jfe@...
mobile 07940815659

[Non-text portions of this message have been removed]

25307. Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 14:57:13 UTC
From: willgord
Topic: 25307 Message: 25307

I own an 897 and am stuggling to work HF from a Manhattan apartment.

Recently had a chance to work a Yaesu 450 and was immediately struck by how much quieter the 450 is compared with the 897 as I dial through 20 meters. Far less background noise to overcome with DSP, etc. than I find on the 897.

I realize this may not be a fair comparison, since the 897 feeds a Super Antenna mounted in the apartment, with a quarter-wave counterpoise hanging outside the window, while the 450 feeds an external dipole.

Still, my best efforts to quiet the 897 don't come close to matching the noise level on the 450, even with DSP off and no filters in use.

Any thoughts on this--including ideas for quieting the 897--would be appreciated.

Gordon
K2GLW

25308. Re: [FT897] Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 15:11:23 UTC
From: af2c@njdxa.org
Topic: 25307 Message: 25308

Gordon -

Under the test conditions you are using, your observations may be
valid. However, the test conditions are (as you admit) are not equal.

The FT 897 has a super receiver in all respects and using the proper menu
settings, you should have a rig which in all respects outperforms the FT 450.

Both rigs must be compared using the same antenna. A coax switch can be
used to compare the rigs on the same antenna to make an A/B test. Just DO
NOT TRANSMIT or you will probably blow the front end out on the receiving rig.

Again. When making comparisons, the test conditions must be equal.

73,
Jay/AF2C

At 02:57 PM 3/11/2009 +0000, you wrote:

>I own an 897 and am stuggling to work HF from a Manhattan apartment.
>
>Recently had a chance to work a Yaesu 450 and was immediately struck by
>how much quieter the 450 is compared with the 897 as I dial through 20
>meters. Far less background noise to overcome with DSP, etc. than I find
>on the 897.
>
>I realize this may not be a fair comparison, since the 897 feeds a Super
>Antenna mounted in the apartment, with a quarter-wave counterpoise hanging
>outside the window, while the 450 feeds an external dipole.
>
>Still, my best efforts to quiet the 897 don't come close to matching the
>noise level on the 450, even with DSP off and no filters in use.
>
>Any thoughts on this--including ideas for quieting the 897--would be
>appreciated.
>
>Gordon
>K2GLW

25309. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 15:53:44 UTC
From: Hank
Topic: 25307 Message: 25309

I am experiancing the same issue. I have a Kenwood R-1000 that seems to recieve signals much better than my FT-897. I am in a townhome, and have a 19' dipole in the attic being tuned by an LDG AT-897.

I do believe that it has to do with my antenna (can't compare to an outside antenna), the band conditions, and my radio menu settings. My previous HF rigs were a Kenwood TS-520SE and a Drake TR-4C. This is a far more advanced radio than I have ever had before. Does anyone know of a guide or book that explains the menu options and what the results are for certain settings? The manual explains what the settings are, but that doesn't really explain what the settings will do when enabled/disabled or set at certain levels.

Thanks and 73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Gordon -
>
> Under the test conditions you are using, your observations may be
> valid. However, the test conditions are (as you admit) are not equal.
>
> The FT 897 has a super receiver in all respects and using the proper menu
> settings, you should have a rig which in all respects outperforms the FT 450.
>
> Both rigs must be compared using the same antenna. A coax switch can be
> used to compare the rigs on the same antenna to make an A/B test. Just DO
> NOT TRANSMIT or you will probably blow the front end out on the receiving rig.
>
> Again. When making comparisons, the test conditions must be equal.
>
> 73,
> Jay/AF2C
>

25310. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 16:11:20 UTC
From: Steve Yates
Topic: 25307 Message: 25310

Gordon,

It was not a fair comparison. At least use the same antenna for the test. Indoor antennas are usually overwelmed by indoor noise sources and this is probably the root of your problem. When noise is picked up by the antenna a receiver will have a hard time dealing with it.

I don't know much about the FT-450. If it has DSP at the IF then it may be more effective at mitigating noise in some cases.

73,
Steve - AA5TB
EM12hu

25311. Re: [FT897] Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 16:58:04 UTC
From: tailfeathers
Topic: 25307 Message: 25311

Have you turned the IPO off on then 897?

Gary

willgord wrote:
> I own an 897 and am stuggling to work HF from a Manhattan apartment.
>
> Recently had a chance to work a Yaesu 450 and was immediately struck by how much quieter the 450 is compared with the 897 as I dial through 20 meters. Far less background noise to overcome with DSP, etc. than I find on the 897.
>
> I realize this may not be a fair comparison, since the 897 feeds a Super Antenna mounted in the apartment, with a quarter-wave counterpoise hanging outside the window, while the 450 feeds an external dipole.
>
> Still, my best efforts to quiet the 897 don't come close to matching the noise level on the 450, even with DSP off and no filters in use.
>
> Any thoughts on this--including ideas for quieting the 897--would be appreciated.
>
> Gordon
> K2GLW
>
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> Yahoo! Groups Links
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.10/1995 - Release Date: 03/11/09 08:28:00
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Digital Photography - Click Now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmUBjpbvIQpkQJQvwVbhAoRpzd7fMNrghS4c8qlMFcVuSlpZckw/

25312. RE: [FT897] Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 17:04:39 UTC
From: Bruce Krell
Topic: 25307 Message: 25312

To All:

Within the next week, we will be announcing a web site devoted to this very idea --
providing articles that will give useful operating information.

This site will have a solicition and guidelines for submitting articles, a sample
theoretical article and a sample practical step-by-step operational article.

The sample articles will not only be useful but will be examples of what we would like to see.

Stay tuned for the announcement.

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Hank
Sent: Wednesday, March 11, 2009 8:54 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Noise levels of the 897 vs. the 450

I am experiancing the same issue. I have a Kenwood R-1000 that seems to recieve signals much better than my FT-897. I am in a townhome, and have a 19' dipole in the attic being tuned by an LDG AT-897.

I do believe that it has to do with my antenna (can't compare to an outside antenna), the band conditions, and my radio menu settings. My previous HF rigs were a Kenwood TS-520SE and a Drake TR-4C. This is a far more advanced radio than I have ever had before. Does anyone know of a guide or book that explains the menu options and what the results are for certain settings? The manual explains what the settings are, but that doesn't really explain what the settings will do when enabled/disabled or set at certain levels.

Thanks and 73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, af2c@... wrote:
>
> Gordon -
>
> Under the test conditions you are using, your observations may be
> valid. However, the test conditions are (as you admit) are not equal.
>

> The FT 897 has a super receiver in all respects and using the proper
menu
> settings, you should have a rig which in all respects outperforms the FT
450.
>
> Both rigs must be compared using the same antenna. A coax switch can be
> used to compare the rigs on the same antenna to make an A/B test. Just
DO
> NOT TRANSMIT or you will probably blow the front end out on the
receiving rig.
>
> Again. When making comparisons, the test conditions must be equal.
>
> 73,
> Jay/AF2C
>

[Non-text portions of this message have been removed]

25313. Re: [FT897] Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 17:09:00 UTC
From: Chris Baker
Topic: 25307 Message: 25313

I have recently moved into an area which has a high noise level (S9 on the meter). I found that I have to run the rig with no IPO and the Att switched. By turning up the audio and adjusting the RF/Sqelch control can hear signals again.

Oh the joys of being in the UK!

Chris G4LDS

[Non-text portions of this message have been removed]

25314. Re: [FT897] Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 17:42:07 UTC
From: af2c@njdxa.org
Topic: 25307 Message: 25314

Chris -

I wonder if you have looked at your various DSP settings. Make note of
your start settings and play from there.

I believe that you'll be amazed at how effective the above can be!

73,
Jay/AF2C

At 05:09 PM 3/11/2009 +0000, you wrote:

>I have recently moved into an area which has a high noise level (S9 on the
>meter).Â I found that I have to run the rig with no IPO and the Att
>switched.Â By turning up the audio and adjusting the RF/Sqelch control
>can hearÂ signals again.Â
>Â
>Oh the joys of being in the UK!
>
>Chris G4LDS

25315. Re: [FT897] Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-11 21:37:57 UTC
From: k6fcw@aol.com
Topic: 25307 Message: 25315

Try the HearIt speaker with DSP built in. I have one and the results are incredible. Exaclty the same as in the audio sample on the website.

Frank K6FCW

****
A Good Credit Score is 700 or Above. See yours in
just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1219671244x1201345076/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID%3D62%26bcd%3DfebemailfooterNO62)

[Non-text portions of this message have been removed]

25316. Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-11 23:35:02 UTC
From: Jerry Steele
Topic: 25316 Message: 25316

I turned on my FP-30 a couple of weeks ago and the factory smoke came out. The radio is fine, but the power supply needed to go back to Yaesu for an estimate.

After their call yesterday, all I could say was "HOLY SMOKE" !!! They wanted $5 less than a new supply for the repair! They said it was two transistors and they were $77 each! I found the technical manual on line and looked up each of the transistors listed. I couldn't find one more than $4 each.

I told them to charge me the bench fee and send it back.

Does anyone have any idea where to start with troubleshooting the supply? They wouldn't send me just a can of smoke!

Jerry K8CMI

25317. Re: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-12 00:42:12 UTC
From: Jim
Topic: 25316 Message: 25317

Look for a schematic for it and order the transistors. Most likely some resistors are also fried.

Jerry Steele wrote:
>
> I turned on my FP-30 a couple of weeks ago and the factory smoke came
> out. The radio is fine, but the power supply needed to go back to
> Yaesu for an estimate.
>
> After their call yesterday, all I could say was "HOLY SMOKE" !!! They
> wanted $5 less than a new supply for the repair! They said it was two
> transistors and they were $77 each! I found the technical manual on
> line and looked up each of the transistors listed. I couldn't find one
> more than $4 each.
>
> I told them to charge me the bench fee and send it back.
>
> Does anyone have any idea where to start with troubleshooting the
> supply? They wouldn't send me just a can of smoke!
>
> Jerry K8CMI
>
>

25318. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-12 09:35:14 UTC
From: nr3r15
Topic: 25307 Message: 25318

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:

CHECK OUT W4RT WEB SITE AND HAVE HIM INSTALL THE DSP. MAKES ALL THE DIFFERENCE IN THE WORLD.

LARRY

25319. Re: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-12 09:44:42 UTC
From: Peter Robinson
Topic: 25316 Message: 25319

I have sent Jerry a copy of the manual direct as most Yahoo groups strip attachments. If anyone else needs a copy, drop me a line?

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: Jerry Steele
To: FT897@yahoogroups.com
Sent: Wednesday, March 11, 2009 11:35 PM
Subject: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

I turned on my FP-30 a couple of weeks ago and the factory smoke came out. The radio is fine, but the power supply needed to go back to Yaesu for an estimate.

After their call yesterday, all I could say was "HOLY SMOKE" !!! They wanted $5 less than a new supply for the repair! They said it was two transistors and they were $77 each! I found the technical manual on line and looked up each of the transistors listed. I couldn't find one more than $4 each.

I told them to charge me the bench fee and send it back.

Does anyone have any idea where to start with troubleshooting the supply? They wouldn't send me just a can of smoke!

Jerry K8CMI

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.10/1995 - Release Date: 03/11/09 08:28:00

[Non-text portions of this message have been removed]

25320. Re: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-12 11:24:45 UTC
From: Jim
Topic: 25316 Message: 25320

Is there a copy in the files section of this group?

Peter Robinson wrote:
>
> I have sent Jerry a copy of the manual direct as most Yahoo groups
> strip attachments. If anyone else needs a copy, drop me a line?
>
> 73 de Peter - G?FIM / AA3JN
>
> The optimist proclaims that we live in the best of all possible
> worlds. The pessimist fears that this is true.
>
> ----- Original Message -----
> From: Jerry Steele
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wednesday, March 11, 2009 11:35 PM
> Subject: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply
>
> I turned on my FP-30 a couple of weeks ago and the factory smoke came
> out. The radio is fine, but the power supply needed to go back to
> Yaesu for an estimate.
>
> After their call yesterday, all I could say was "HOLY SMOKE" !!! They
> wanted $5 less than a new supply for the repair! They said it was two
> transistors and they were $77 each! I found the technical manual on
> line and looked up each of the transistors listed. I couldn't find one
> more than $4 each.
>
> I told them to charge me the bench fee and send it back.
>
> Does anyone have any idea where to start with troubleshooting the
> supply? They wouldn't send me just a can of smoke!
>
> Jerry K8CMI
>
> --
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.10/1995 - Release Date:
> 03/11/09 08:28:00
>
> [Non-text portions of this message have been removed]
>
>

25321. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-12 12:18:06 UTC
From: Hank
Topic: 25307 Message: 25321

--- In FT897@yahoogroups.com, "Bruce Krell" <BKrell@...> wrote:
>
> To All:
>
> Within the next week, we will be announcing a web site devoted to this very
> idea --
> providing articles that will give useful operating information.
>
> This site will have a solicition and guidelines for submitting articles, a
> sample
> theoretical article and a sample practical step-by-step operational article.
>
> The sample articles will not only be useful but will be examples of what we
> would like to see.
>
> Stay tuned for the announcement.
>
> Bruce Krell, AE6VG

That is great news! I can't wait to see it.

Thanks,

73 de KB4MTO / Hank

25322. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-03-12 15:14:55 UTC
From: bigiantrike
Topic: 25307 Message: 25322

Hi all
Please don't shoot me down for what I am about to say but I have been using my 897 for about 2 years suffering from this very problem and only just found this out from a non judgmental mate... :-)
It may be novice stuff but if you don't know it might as well be rocket science...lol A wise man once said to me "There is no such thing as a dumb question" If you don't know then you don't know The dumb thing is not to ask the question.

Right here we go....

1/ Tune you main dial to find a station in the noise.

2/ Press and hold in the F key to get you into the menu(#6 on the plan page 12 of the manual)

3/ Go to menu #80 and rotate main dial for RF-Gain.

4/ Go back to VFO Mode by pressing Key

5/ Adjust the Squelch/RF knob till you get the signal strength to just between S8 and S9

6/ Press and hold in Clar/IF Key (#11 on the plan) until a round black dot appears at the end of the frequency on the LCD screen

7/ Now just turn clock or anti clock slightly to alter The IF slightly and you will be amazed how the audio of a week signal comes out of the mush of noise.

Play around with both the RF gain and IF till you get it set how you want...I was gob smacked by the result I achieved.

Hope this helps everyone

Ian

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> --- In FT897@yahoogroups.com, "Bruce Krell" <BKrell@> wrote:
> >
> > To All:
> >
> > Within the next week, we will be announcing a web site devoted to this very
> > idea --
> > providing articles that will give useful operating information.
> >
> > This site will have a solicition and guidelines for submitting articles, a
> > sample
> > theoretical article and a sample practical step-by-step operational article.
> >
> > The sample articles will not only be useful but will be examples of what we
> > would like to see.

> >
> > Stay tuned for the announcement.
> >
> > Bruce Krell, AE6VG
>
>
> That is great news! I can't wait to see it.
>
> Thanks,
>
> 73 de KB4MTO / Hank
>

25323. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-03-12 15:32:53 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 25323

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /* FT-897 Manuals/man - FP-30 - Technical Manual.pdf
Uploaded by : peter_g0fim2000 <peter@...>
Description : FP-30 PSU tec sup

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/%2A%20FT-897%20Manuals/man%20-%20FP-30%20-%20Tec
hnical%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

peter_g0fim2000 <peter@...>

25324. Re: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-12 15:34:29 UTC
From: Peter Robinson
Topic: 25316 Message: 25324

There is now - Peter

----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Thursday, March 12, 2009 11:24 AM
Subject: Re: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply

Is there a copy in the files section of this group?

Peter Robinson wrote:
>
> I have sent Jerry a copy of the manual direct as most Yahoo groups
> strip attachments. If anyone else needs a copy, drop me a line?
>
> 73 de Peter - GØFIM / AA3JN
>
> The optimist proclaims that we live in the best of all possible
> worlds. The pessimist fears that this is true.
>
> ----- Original Message -----
> From: Jerry Steele
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Wednesday, March 11, 2009 11:35 PM
> Subject: [FT897] Need: (1) Can of Factory Smoke for FP-30 Power Supply
>
> I turned on my FP-30 a couple of weeks ago and the factory smoke came
> out. The radio is fine, but the power supply needed to go back to
> Yaesu for an estimate.
>
> After their call yesterday, all I could say was "HOLY SMOKE" !!! They
> wanted $5 less than a new supply for the repair! They said it was two
> transistors and they were $77 each! I found the technical manual on
> line and looked up each of the transistors listed. I couldn't find one
> more than $4 each.
>
> I told them to charge me the bench fee and send it back.
>
> Does anyone have any idea where to start with troubleshooting the
> supply? They wouldn't send me just a can of smoke!
>
> Jerry K8CMI
>
> ---
>
> No virus found in this incoming message.

> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.10/1995 - Release Date:
> 03/11/09 08:28:00
>
> [Non-text portions of this message have been removed]
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.10/1996 - Release Date: 03/11/09 20:42:00

[Non-text portions of this message have been removed]

25325. Re: [FT897] Not getting power on PSK

Yahoo group: FT897 (2009)
Date: 2009-03-13 03:53:30 UTC
From: Roger J. Buffington
Topic: 25295 Message: 25325

mitchellri3 wrote:
>
> Up to recently, I was able to run 30 watts with no problem. All of a
> sudden, the radio will put out 10 watts max, regardless of input
> volume, etc. Setup: 897D to home brew interface with ground
> isolation, older Dell laptop, digipan. On other modes, it hits all
> normal power levels, so at least I have not toasted the finals! There
> have been no changes in the setup or equipment. Oh, by the way, this
> is on all bands. Any help is appreciated!
>
> Leeds WA1GJF
>
Usually when this happens some program has turned the volume on the
Windows sound card output way down.
de Roger W6VZV

25326. Re: [FT897] Not getting power on PSK

Yahoo group: FT897 (2009)
Date: 2009-03-13 11:41:24 UTC
From: KenW
Topic: 25295 Message: 25326

On Thu, 12 Mar 2009 20:53:30 -0700, you wrote:

>mitchellri3 wrote:
>>
>> Up to recently, I was able to run 30 watts with no problem. All of a
>> sudden, the radio will put out 10 watts max, regardless of input
>> volume, etc. Setup: 897D to home brew interface with ground
>> isolation, older Dell laptop, digipan. On other modes, it hits all
>> normal power levels, so at least I have not toasted the finals! There
>> have been no changes in the setup or equipment. Oh, by the way, this
>> is on all bands. Any help is appreciated!
>>
>> Leeds WA1GJF
>>
>Usually when this happens some program has turned the volume on the
>Windows sound card output way down.
>de Roger W6VZV
>
>Look for a program "quickmix". It allows you to save and restore multiple sound settings.
Freeware. I tried it and it does work.
>-----------------------------------
>
>Yahoo! Groups Links
>
>
>

Ken...W2BDP

25327. Re: [FT897] Not getting power on PSK

Yahoo group: FT897 (2009)
Date: 2009-03-13 11:48:56 UTC
From: Jim
Topic: 25295 Message: 25327

Every so often, I play a music file in windows media player, and the internal synth gets turned off. I have to open VOLUME CONTROL and manually reset the volume for the internal synth to be able to hear MIDI music again.

DOes this quick mix program fix that some how?

http://www.ptpart.co.uk/quickmix/

KenW wrote:
>
> On Thu, 12 Mar 2009 20:53:30 -0700, you wrote:
>
> >mitchellri3 wrote:
> >>
> >> Up to recently, I was able to run 30 watts with no problem. All of a
> >> sudden, the radio will put out 10 watts max, regardless of input
> >> volume, etc. Setup: 897D to home brew interface with ground
> >> isolation, older Dell laptop, digipan. On other modes, it hits all
> >> normal power levels, so at least I have not toasted the finals! There
> >> have been no changes in the setup or equipment. Oh, by the way, this
> >> is on all bands. Any help is appreciated!
> >>
> >> Leeds WA1GJF
> >>
> >Usually when this happens some program has turned the volume on the
> >Windows sound card output way down.
> >de Roger W6VZV
> >
> >Look for a program "quickmix". It allows you to save and restore
> multiple sound settings.
> Freeware. I tried it and it does work.
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
> >
> >
>
> Ken...W2BDP
>
>

25328. Re: [FT897] Not getting power on PSK

Yahoo group: FT897 (2009)
Date: 2009-03-13 11:53:14 UTC
From: Jim
Topic: 25295 Message: 25328

I just downloaded quick mix, but the program only saves recording and
master volume levels, it doesn't fix the SW Synth problem

KenW wrote:
>
> On Thu, 12 Mar 2009 20:53:30 -0700, you wrote:
>
> >mitchellri3 wrote:
> >>
> >> Up to recently, I was able to run 30 watts with no problem. All of a
> >> sudden, the radio will put out 10 watts max, regardless of input
> >> volume, etc. Setup: 897D to home brew interface with ground
> >> isolation, older Dell laptop, digipan. On other modes, it hits all
> >> normal power levels, so at least I have not toasted the finals! There
> >> have been no changes in the setup or equipment. Oh, by the way, this
> >> is on all bands. Any help is appreciated!
> >>
> >> Leeds WA1GJF
> >>
> >Usually when this happens some program has turned the volume on the
> >Windows sound card output way down.
> >de Roger W6VZV
> >
> >Look for a program "quickmix". It allows you to save and restore
> multiple sound settings.
> Freeware. I tried it and it does work.
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
> >
> >
>
> Ken...W2BDP
>
>

25329. short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 02:37:36 UTC
From: Matt Patterson
Topic: 25295 Message: 25329

Hi Guys,

I've got to take a short business trip and was thinking about taking along my FT-897D to pass the time at night while in the hotel room. However, the only small power supply I have at the moment is a 12A Pyramid power supply. I was wondering what kind of power I would be able to run the 897 at with only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply but it won't be here in time for this trip.

73 Matt

W5LL

[Non-text portions of this message have been removed]

25330. 897d manual prog

Yahoo group: FT897 (2009)
Date: 2009-03-08 19:48:14 UTC
From: H Wall
Topic: 25330 Message: 25330

Anyone have a shortcuts for programing the 897D?
handyll

[Non-text portions of this message have been removed]

25331. Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: 2009-03-12 00:00:05 UTC
From: ka8sfp
Topic: 25331 Message: 25331

Seems like 60 meters likes to stay available in my memory selection.
Can 60 meters be omited (not seen) on memory options?

Tnx
Stan

25332. Re: How did you mount the ATAS-120 to your vehicle?

Yahoo group: FT897 (2009)
Date: 2009-03-09 14:31:16 UTC
From: pdouglas12@aol.com
Topic: 25284 Message: 25332

I found the license plate mount, made by Lakeview is very strong, and seems sturdier and safer than the K400, though I have a K400 for my VHF/UHF combo. You can see my installation in the photos section of the FT-857 group listed under Lexus 350 installation. BTW, it is very well grounded at the base, inside the trunk, and the ATAS-120 likes it just fine.

Preston Douglas WJ2V

25333. Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-08 22:03:14 UTC
From: ak40f
Topic: 25333 Message: 25333

I know there is quite a difference but here is my dilemma. The 897D has VHF and is small to take with me when I travel to VA. However, I am not sure I am a fan of all the menus to get things done. The 950 has less menus and more controls, better receiver, but no VHF and is larger to haul. So, if you have had experience with both what do you suggest. I keep thinking I have the HT for VHF and can always go mobile.

Thanks for your thoughts,
George
AK4OF

25334. Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-13 17:22:53 UTC
From: danleeloyd1
Topic: 25334 Message: 25334

I have just recently purchased by FT-897 and can't find anywhere in the manual where it tells you how to adjust your Output Power. Can anyone help?

Thanks,

Danny Loyd
KE5WDI

25335. Re: Need: (1) Can of Factory Smoke for FP-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-12 00:56:53 UTC
From: kc9ipv
Topic: 25316 Message: 25335

My guess is they wouldn't repair it. They would most likely just replace it for what they are charging. Thats why I didn't get the internal PS. Do you travel with it often enough that you can't take and external PS? I use a MFJ MightyLite 25W PS. It's a small size and fits in my backpack that I travel with.

good luck if you try to fix it.

mike kc9ipv

--- In FT897@yahoogroups.com, "Jerry Steele" <gdsteele@...> wrote:
>
> I turned on my FP-30 a couple of weeks ago and the factory smoke came out. The radio is fine, but the power supply needed to go back to Yaesu for an estimate.
>
> After their call yesterday, all I could say was "HOLY SMOKE" !!! They wanted $5 less than a new supply for the repair! They said it was two transistors and they were $77 each! I found the technical manual on line and looked up each of the transistors listed. I couldn't find one more than $4 each.
>
> I told them to charge me the bench fee and send it back.
>
> Does anyone have any idea where to start with troubleshooting the supply? They wouldn't send me just a can of smoke!
>
> Jerry K8CMI
>

25336. RE: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 04:05:31 UTC
From: Patricia (Elaine) Gibbons
Topic: 25295 Message: 25336

Purchase the internal ac power supply !! ..

It will be all self-contained by doing this ..
at least this is what I did ..

Elaine

--
Patricia (Elaine) Gibbons
WA6UBE / AAR9JA
<http://www.qrz.com/wa6ube> http://www.qrz.com/wa6ube

"The President can make me a General, however
it is communications that makes me a Commander.."
--- General Curtis LeMay

From: Matt Patterson [mailto:mattpatt@...]
Sent: Friday, March 13, 2009 7:38 PM
To: FT897@yahoogroups.com
Subject: [FT897] short trip

Hi Guys,

I've got to take a short business trip and was thinking about taking along
my FT-897D to pass the time at night while in the hotel room. However, the
only small power supply I have at the moment is a 12A Pyramid power supply.
I was wondering what kind of power I would be able to run the 897 at with
only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply
but it won't be here in time for this trip.

73 Matt

W5LL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25337. Re: [FT897] Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-14 04:19:12 UTC
From: D F
Topic: 25334 Message: 25337

I forget what menu #, but you want "RF Power".

Dennis - N8BMB

From: danleeloyd1 <danleeloyd1@aol..com>
To: FT897@yahoogroups.com
Sent: Friday, March 13, 2009 12:22:53 PM
Subject: [FT897] Adjusting PEP

I have just recently purchased by FT-897 and can't find anywhere in the manual where it tells you how to adjust your Output Power. Can anyone help?

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

25338. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 04:23:19 UTC
From: tailfeathers
Topic: 25295 Message: 25338

half power...Thats more than enough...

Gary

Matt Patterson wrote:
> Hi Guys,
>
>
>
> I've got to take a short business trip and was thinking about taking along
> my FT-897D to pass the time at night while in the hotel room. However, the
> only small power supply I have at the moment is a 12A Pyramid power supply.
> I was wondering what kind of power I would be able to run the 897 at with
> only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply
> but it won't be here in time for this trip.
>
>
>
> 73 Matt
>
> W5LL
>
>

New to Digital Photography? Click Here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQLScr48e5zhHt5zMdtY9ODUZHyliEE0xfgOWP7tQDfbdfkGrO/

25339. Re: [FT897] Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-14 06:06:26 UTC
From: Larry D. Barr, K5WLF
Topic: 25334 Message: 25339

Menu # 75 "RF POWER SET"

73,
ldb
K5WLF

danleeloyd1 wrote:
> I have just recently purchased by FT-897 and can't find anywhere in
> the manual where it tells you how to adjust your Output Power. Can
> anyone help?
>
> Thanks,
>
> Danny Loyd KE5WDI

25340. Re: [FT897] 897d manual prog

Yahoo group: FT897 (2009)
Date: 2009-03-14 07:19:50 UTC
From: k6fcw@aol.com
Topic: 25330 Message: 25340

In a message dated 3/13/2009 9:00:54 PM Pacific Daylight Time,
handyll@... writes:

> Anyone have a shortcuts for programing the 897D?
> handyll

http://www.specsnet.org/CSindex.htm

Frank K6FCW

****
A Good Credit Score is 700 or Above. See yours in just 2 easy
steps!
(http://pr.atwola.com/promoclk/100126575x1220439616x1201372437/aol?redir=http:%2F%2Fwww.freecreditreport.com%2Fpm%2Fdefault.aspx%3Fsc%3D668072%26hmpgID
%3D62%26bcd%3DfebemailfooterNO62)

[Non-text portions of this message have been removed]

25341. Re: [FT897] 897d manual prog

Yahoo group: FT897 (2009)
Date: 2009-03-14 08:15:46 UTC
From: Allan Godney
Topic: 25330 Message: 25341

Buy FTBasicMMO program for about $15 makes memory management so simple on any FT8*7.

Regards Allan M0CBG

--- On Sun, 8/3/09, H Wall <handyll@yahoo.com> wrote:

From: H Wall <handyll@...>
Subject: [FT897] 897d manual prog
To: FT897@yahoogroups.com
Date: Sunday, 8 March, 2009, 7:48 PM

Anyone have a shortcuts for programing the 897D?

handyll

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25342. Re: [FT897] Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-14 08:33:47 UTC
From: Glyn Pike
Topic: 25334 Message: 25342

Menu #75 is how you would ajust the power level

Regards Glyn
----- Original Message -----
From: D F
To: FT897@yahoogroups.com
Sent: Saturday, March 14, 2009 4:19 AM
Subject: Re: [FT897] Adjusting PEP

I forget what menu #, but you want "RF Power".

Dennis - N8BMB

From: danleeloyd1 <danleeloyd1@aol..com>
To: FT897@yahoogroups.com
Sent: Friday, March 13, 2009 12:22:53 PM
Subject: [FT897] Adjusting PEP

I have just recently purchased by FT-897 and can't find anywhere in the manual where it tells you how to adjust your Output Power. Can anyone help?

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25343. Re: [FT897] Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-14 11:34:40 UTC
From: Simon
Topic: 25334 Message: 25343

check for the menu option RF POWER

this will limit to what ever you set it to

Generally, I set 75% of the rated maximum for HF/6, and max 30 for 2/70

Cheers
Simon
VK5LNX
----- Original Message -----
From: danleeloyd1
To: FT897@yahoogroups.com
Sent: Saturday, March 14, 2009 3:52 AM
Subject: [FT897] Adjusting PEP

I have just recently purchased by FT-897 and can't find anywhere in the manual where it tells you how to adjust your Output Power. Can anyone help?

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

25344. RE: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 13:09:22 UTC
From: Matt Patterson
Topic: 25295 Message: 25344

I understand that, but it's not an option for this trip. The 12A PS is what I have to work with. I still think I'm going to go with the jetstream when I do purchase another power supply to use for things like this instead of the internal. I know it's a extra piece of equipment to have to lug around but it's less than half the cost and only weights 4lbs. Plus I can use it with other equipment as well.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Patricia (Elaine) Gibbons
Sent: Friday, March 13, 2009 11:06 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] short trip

Purchase the internal ac power supply !! ..

It will be all self-contained by doing this ..
at least this is what I did ..

Elaine

--
Patricia (Elaine) Gibbons
WA6UBE / AAR9JA
<http://www.qrz. <http://www.qrz.com/wa6ube> com/wa6ube> http://www.qrz. <http://www.qrz.com/wa6ube> com/wa6ube

"The President can make me a General, however
it is communications that makes me a Commander.."
--- General Curtis LeMay

From: Matt Patterson [mailto:mattpatt@1starnet. <mailto:mattpatt%401starnet.com> com]
Sent: Friday, March 13, 2009 7:38 PM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] short trip

Hi Guys,

I've got to take a short business trip and was thinking about taking along my FT-897D to pass the time at night while in the hotel room. However, the

only small power supply I have at the moment is a 12A Pyramid power supply. I was wondering what kind of power I would be able to run the 897 at with only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply but it won't be here in time for this trip.

73 Matt

W5LL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25345. Re: Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: 2009-03-14 13:47:14 UTC
From: Bill
Topic: 25331 Message: 25345

Page 45 of manual

--- In FT897@yahoogroups.com, "ka8sfp" <ka8sfp@...> wrote:
>
> Seems like 60 meters likes to stay available in my memory selection.
> Can 60 meters be omited (not seen) on memory options?
>
> Tnx
> Stan
>

25346. Re: [FT897] Re: Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: 2009-03-14 13:50:58 UTC
From: DENNIS SMITH
Topic: 25331 Message: 25346

NO FIXED FROM FACTORY 73'S DENNIS W5VAF

From: Bill <stykemup@...>
To: FT897@yahoogroups.com
Sent: Saturday, March 14, 2009 8:47:14 AM
Subject: [FT897] Re: Remove 60 meters from my Menory?

Page 45 of manual

--- In FT897@yahoogroups. com, "ka8sfp" <ka8sfp@...> wrote:
>
> Seems like 60 meters likes to stay available in my memory selection.
> Can 60 meters be omited (not seen) on memory options?
>
> Tnx
> Stan
>

[Non-text portions of this message have been removed]

25347. Re: Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:04:48 UTC
From: Bill
Topic: 25331 Message: 25347

--- In FT897@yahoogroups.com, DENNIS SMITH <dsmith72401@...> wrote:
>
> NO   FIXED FROM FACTORY 73'S DENNIS W5VAF

The original question was why does he get a TX error when he tries to xmit on 5MHZ channels?

NO FIXED FROM THE FACTORY

as you aptly put it, is commonplace.

25348. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:18:10 UTC
From: tailfeathers
Topic: 25295 Message: 25348

Actually i run about half power on a p amp supply...These power supplies surge to keep up some and SSB isn't very demanding...Now AM, FM or digital modes will or can ask for more juice...

Gary
n8gsj

> Matt Patterson wrote:
>
>> Hi Guys,
>>
>>
>>
>> I've got to take a short business trip and was thinking about taking along
>> my FT-897D to pass the time at night while in the hotel room. However, the
>> only small power supply I have at the moment is a 12A Pyramid power supply.
>> I was wondering what kind of power I would be able to run the 897 at with
>> only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply
>> but it won't be here in time for this trip.
>>
>>
>>
>> 73 Matt
>>
>> W5LL
>>
>>
>>
> --
> New to Digital Photography? Click Here.
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQLScr48e5zhHt5zMdtY9ODUZHyliEE0xfgOWP7tQDfbdfkGrO/
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
> --
>
>

> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.13/2000 - Release Date: 03/13/09 18:00:00
>
>

Click here to find the perfect picture with our powerful photo search features.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTEuJB6YssFBdVAONiiThh9GidqBqVGSfPappWZVQv00wSEulKqQfO/

25349. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:20:26 UTC
From: tailfeathers
Topic: 25295 Message: 25349

I'm sorry that should read a >9< amp supply

tailfeathers wrote:
> Actually i run about half power on a p amp supply...These power supplies
> surge to keep up some and SSB isn't very demanding...Now AM, FM or
> digital modes will or can ask for more juice...
>
> Gary
> n8gsj
>
>
>> Matt Patterson wrote:
>>
>>
>>> Hi Guys,
>>>
>>>
>>>
>>> I've got to take a short business trip and was thinking about taking along
>>> my FT-897D to pass the time at night while in the hotel room. However, the
>>> only small power supply I have at the moment is a 12A Pyramid power supply.
>>> I was wondering what kind of power I would be able to run the 897 at with
>>> only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply
>>> but it won't be here in time for this trip.
>>>
>>>
>>>
>>> 73 Matt
>>>
>>> W5LL
>>>
>>>
>>>
>>>
>> _____
>> New to Digital Photography? Click Here.
>> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQLScr48e5zhHt5zMdtY9ODUZHyliEE0xfgOWP7tQDfbdfkGrO/
>>
>>
>> ---
>>
>> Yahoo! Groups Links
>>
>>

>>
>>
>> ---
>>
>>
>> No virus found in this incoming message.
>> Checked by AVG - www.avg.com
>> Version: 8.0.237 / Virus Database: 270.11.13/2000 - Release Date: 03/13/09 18:00:00
>>
>>
>>
> ____
> Click here to find the perfect picture with our powerful photo search features.
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTEuJB6YssFBdVAONiiThh9GidqBqVGSfPappWZ
VQv00wSEulKqQfO/
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.237 / Virus Database: 270.11.13/2000 - Release Date: 03/13/09 18:00:00
>
>

____
Pamper yourself with a beautiful new walk-in tub. Click now!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTOP0D2WJkjUK8nZSLRDXb4rfG8LjxvuLeIX9jWCz
xN4JKVo3tCNeo/

25350. Re: [FT897] Re: Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:22:49 UTC
From: DENNIS SMITH
Topic: 25331 Message: 25350

SORRY I DIDN'T READ FAR ENOUGH. MY 2 FT897D WILL WORK WHEN IN THE MEMORY CHANNELS POSITION BUT NOT WHEN IN THE VFO MODE, AS FOR HIS I DON'T KNOW UNLESS HE HAS A PLAIN OLDER MODEL FT897 NON D MODLE. THEY REQUIRE THE WIDE BAND MOD TO WORK.
DENNIS W5VAF

From: Bill <stykemup@...>
To: FT897@yahoogroups.com
Sent: Saturday, March 14, 2009 9:04:48 AM
Subject: [FT897] Re: Remove 60 meters from my Menory?

--- In FT897@yahoogroups. com, DENNIS SMITH <dsmith72401@ ...> wrote:
>
> NO   FIXED FROM FACTORY 73'S DENNIS W5VAF

The original question was why does he get a TX error when he tries to xmit on 5MHZ channels?

NO FIXED FROM THE FACTORY

as you aptly put it, is commonplace.

[Non-text portions of this message have been removed]

25351. Re: Remove 60 meters from my Menory?

Yahoo group: FT897 (2009)
Date: Unix timestamp -125528693281 [implausible archived timestamp]
From: Bill
Topic: 25331 Message: 25351

Cripes Dennis... the original question was asked in the 857 forum, not here. My mistake. But, as mentioned, TX error tells me just what you said.. Either he's not in memory mode or not a D model.
Both my 857D and 897D have the 5mhz capabilities except the 897 has the Mars mod so I had to put the 5mhz channels back in.
73's
Bill

25352. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:42:23 UTC
From: Lew Phelps K6LMP
Topic: 25295 Message: 25352

the 897 requires 22 amps power supply to transmit at a full 100 watts. If you dial down the transmit power to 40 watts or so, you should be OK to operate with your 12 amp power supply.

I suspect that the FT-897 will tell you if you're not providing it enough power; it will simply refuse to transmit as soon as the voltage starts to drop. I suggest a little test- start at about 30 watts, transmit briefly on FM, and watch the supply voltage shown on the front panel. it should begin to drop sharply when you approach the limit of the power supply; back off from that point.

also remember that most switching power supplies have built-in overload protection, so they will also shut down if asked to do more than they can.

BTW, having used an external power supply for my rig when I first got it, I rather strongly recommend springing the bucks for an internal supply. it not only is one less piece of equipment to lug around, but also it makes for a cleaner, neater operating area in your shack.

Lew K6LMP

25353. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:50:58 UTC
From: Jim Coon
Topic: 25295 Message: 25353

It will receive just fine. You will have to adjust the transmit power to a lower value. I think when it operates on batteries, the output drops to about 20 watts, so you might start there. You could put a volt meter on the power supply and increase the power until the voltage starts to drop, however, the best way would be to put an ammeter the power leads and see what power you can get out of it while limiting the current to 12 amps.

On Fri, Mar 13, 2009 at 10:37 PM, Matt Patterson <mattpatt@...>wrote:

> Hi Guys,
>
> I've got to take a short business trip and was thinking about taking along
> my FT-897D to pass the time at night while in the hotel room. However, the
> only small power supply I have at the moment is a 12A Pyramid power supply.
> I was wondering what kind of power I would be able to run the 897 at with
> only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply
> but it won't be here in time for this trip.
>
> 73 Matt
>
> W5LL
>
> [Non-text portions of this message have been removed]
>
>
>

--
Jim

[Non-text portions of this message have been removed]

25354. RE: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:53:11 UTC
From: Richard Drevo
Topic: 25295 Message: 25354

Matt,

You should look into the SAMPLEX "SEC 1223" 23A 12 vdc switching power supply...It's under $100, small, lightweight and, they have a great technical support dept. AES has them and probably HRO also.

Just a thought.

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Matt Patterson
Sent: Saturday, March 14, 2009 9:09 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] short trip

I understand that, but it's not an option for this trip. The 12A PS is what I have to work with. I still think I'm going to go with the jetstream when I do purchase another power supply to use for things like this instead of the internal. I know it's a extra piece of equipment to have to lug around but it's less than half the cost and only weights 4lbs. Plus I can use it with other equipment as well.

73 Matt

W5LL

From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of
Patricia (Elaine) Gibbons
Sent: Friday, March 13, 2009 11:06 PM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: RE: [FT897] short trip

Purchase the internal ac power supply !! ..

It will be all self-contained by doing this ..
at least this is what I did ..

Elaine

--
Patricia (Elaine) Gibbons
WA6UBE / AAR9JA
<http://www.qrz. <http://www.qrz. <http://www.qrz.com/wa6ube> com/wa6ube>
com/wa6ube> http://www.qrz.
<http://www.qrz. <http://www.qrz.com/wa6ube> com/wa6ube> com/wa6ube

"The President can make me a General, however
it is communications that makes me a Commander.."
--- General Curtis LeMay

From: Matt Patterson [mailto:mattpatt@1starnet.
<mailto:mattpatt%401starnet.com> com]
Sent: Friday, March 13, 2009 7:38 PM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] short trip

Hi Guys,

I've got to take a short business trip and was thinking about taking along my FT-897D to pass the time at night while in the hotel room. However, the only small power supply I have at the moment is a 12A Pyramid power supply. I was wondering what kind of power I would be able to run the 897 at with only 12A at my disposal. I plan on purchasing a Jetstream 28A power supply but it won't be here in time for this trip.

73 Matt

W5LL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25355. Re: Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:53:32 UTC
From: Graham
Topic: 25334 Message: 25355

There is a section in the 'maintinance' software set up where you can reduce the minimum power out as well on vhf (may be hf as well) down to 1 watt , which is handy for transverter use .. saved me a lot of relays and things

G ..

--- In FT897@yahoogroups.com, "Simon" <igotspammed@...> wrote:
>
> check for the menu option RF POWER
>
> this will limit to what ever you set it to
>
> Generally, I set 75% of the rated maximum for HF/6, and max 30 for 2/70
>
> Cheers
> Simon
> VK5LNX
> ----- Original Message -----
> From: danleeloyd1
> To: FT897@yahoogroups.com
> Sent: Saturday, March 14, 2009 3:52 AM
> Subject: [FT897] Adjusting PEP
>
>
> I have just recently purchased by FT-897 and can't find anywhere in the manual where it tells you how to adjust your Output Power. Can anyone help?
>
> Thanks,
>
> Danny Loyd
> KE5WDI
>
>
>
>
> [Non-text portions of this message have been removed]
>

25356. Re: [FT897] short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 14:53:50 UTC
From: Jim Coon
Topic: 25295 Message: 25356

I agree with that completely

On Sat, Mar 14, 2009 at 10:18 AM, tailfeathers <tailfeathers@...>wrote:

> Actually i run about half power on a p amp supply...These power supplies
>
> surge to keep up some and SSB isn't very demanding...Now AM, FM or
> digital modes will or can ask for more juice...
>
> Gary
> n8gsj
>
> >
> > Matt Patterson wrote:
> >
>> Hi Guys,
>>
>>
>>
>> I've got to take a short business trip and was thinking about taking
> along
>> my FT-897D to pass the time at night while in the hotel room. However,
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>> only small power supply I have at the moment is a 12A Pyramid power
> supply.
>> I was wondering what kind of power I would be able to run the 897 at
> with
>> only 12A at my disposal. I plan on purchasing a Jetstream 28A power
> supply
>> but it won't be here in time for this trip.
>>
>>
>>
>> 73 Matt
>>
>> W5LL
>>
>>
>>
> > _____
> > New to Digital Photography? Click Here.
> >
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTDvmQLScr48e5zhHt5zMdtY9ODUZHyliEE0xfgOWP7tQDfbdfkGrO/
> >

> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> > --
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.0.237 / Virus Database: 270.11.13/2000 - Release Date:
> 03/13/09 18:00:00
> >
> >
> ____
> Click here to find the perfect picture with our powerful photo search
> features.
>
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTEuJB6YssFBdVAONiiThh9GidqBqVGSfPappWZ
VQv00wSEulKqQfO/
>
>
>

--
Jim

[Non-text portions of this message have been removed]

25357. Re: short trip

Yahoo group: FT897 (2009)
Date: 2009-03-14 16:52:21 UTC
From: abiqualumber
Topic: 25295 Message: 25357

I know several others have made this suggestion already but..... the internal PS is awesome. It runs all modes at full power and does not enlarge the radio (for portability) while traveling. Best decision I have made with my F-897D.

73, Bob, n7doc

25358. Re: [FT897] Adjusting PEP

Yahoo group: FT897 (2009)
Date: 2009-03-15 00:37:16 UTC
From: danleeloyd1@aol.com
Topic: 25334 Message: 25358

Thanks to everyone for the help. I probably just didn't read hard enough.

Danny Loyd
KE5WDI

In a message dated 3/14/2009 3:34:38 A.M. Central Daylight Time,
glynpike@... writes:

Menu #75 is how you would ajust the power level

Regards Glyn
----- Original Message -----
From: D F
To: _FT897@...8_ (mailto:FT897@yahoogroups.com)
Sent: Saturday, March 14, 2009 4:19 AM
Subject: Re: [FT897] Adjusting PEP

I forget what menu #, but you want "RF Power".

Dennis - N8BMB

_____
From: danleeloyd1 <_danleeloyd1@danleelo_ (mailto:danleeloyd1@aol..com) >
To: _FT897@...8_ (mailto:FT897@yahoogroups.com)
Sent: Friday, March 13, 2009 12:22:53 PM
Subject: [FT897] Adjusting PEP

I have just recently purchased by FT-897 and can't find anywhere in the
manual where it tells you how to adjust your Output Power. Can anyone help?

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

**********Worried about job security? Check out the 5 safest jobs in a
recession.
(http://jobs.aol.com/gallery/growing-job-industries?ncid=emlcntuscare00000002)

[Non-text portions of this message have been removed]

25359. Off Topic.

Yahoo group: FT897 (2009)
Date: 2009-03-15 08:06:54 UTC
From: Geoff Blake
Topic: 25359 Message: 25359

Sorry for the off topic post, but can anybody point me to either a group
that deals with, or the alignment details of the FT790RII.

Mine is ~2.5kHz off requency.

Thanks
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
the intended recipient please notify
<postmaster(at)palaemon.demon.co.uk>
and the sender by return and permanently delete the message.

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its attachments to any third party without the prior consent
of the sender.

---

and for a great FAQ (Frequently Asked Questions) see
http://groups.yahoo.com/group/FT817/database
Some really good technical info at: http://www.ussc.com/~turner/ft817pg.shtml
Please note that your messages and files sent to this group may appear anywhere on the
Internet or in print without notice or compensation.

Yahoo! Groups Links

25360. Re: [FT897] Off Topic.

Yahoo group: FT897 (2009)
Date: 2009-03-15 13:17:35 UTC
From: n5ztw@texasdata.net
Topic: 25359 Message: 25360

Try the "Yaesu-Radios" yahoo group
also Amateur-Repairs is another
Del N5ZTW

----- Original Message Follows -----
From: Geoff Blake <geoff@...>
To: FT897@yahoogroups.com
Subject: [FT897] Off Topic.
Date: Sun, 15 Mar 2009 08:06:54 +0000 (GMT)

> Sorry for the off topic post, but can anybody point me to
> either a group that deals with, or the alignment details
> of the FT790RII.
>
> Mine is ~2.5kHz off requency.
>
> Thanks
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex,
> U.K.
> Please reply to:
> geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc
> platforms
>
> Please avoid sending me Word or PowerPoint
> attachments.
> See
> <http://www.gnu.org/philosophy/no-word-attachments.html>
> --
> -------
>
> This E-mail and any attachment(s) are strictly
> confidential
> and is intended solely for the addressee(s). If you are
> not
> the intended recipient please notify
> <postmaster(at)palaemon.demon.co.uk>
> and the sender by return and permanently delete the
> message.
>
> You may not disclose, forward or copy this E-mail or
> any of
> its attachments to any third party without the prior
> consent

> of the sender.
>
> --
> ------
>
>
> ------------------------------------
>
> and for a great FAQ (Frequently Asked Questions) see
> http://groups.yahoo.com/group/FT817/database Some really
> good technical info at:
> http://www.ussc.com/~turner/ft817pg.shtml Please note that
> your messages and files sent to this group may appear
> anywhere on the Internet or in print without notice or
> compensation.
>
> Yahoo! Groups Links
>
>
>
>

25361. Wonderful Website!!!

Yahoo group: FT897 (2009)
Date: 2009-03-15 14:42:44 UTC
From: Media Solutions
Topic: 18978 Message: 25361

Hi all,

Here is one Wonderful Website

http://www.mediasolutions.co.in/media/

CLICK THAT AND REFRESH 2-3 TIMES.

rEgarDZ,
Subhash

Add more friends to your messenger and enjoy! Go to http://messenger.yahoo.com/invite/

[Non-text portions of this message have been removed]

25362. Re: [FT897] Wonderful Website!!!

Yahoo group: FT897 (2009)
Date: 2009-03-15 14:56:53 UTC
From: n5ztw@texasdata.net
Topic: 18978 Message: 25362

WARNING SPAM or something worse. Must be. I don't dare click
on this link and no one else in the group should either.
Mr./Ms moderator please remove this person from or group.
Del N5ZTW

----- Original Message Follows -----
From: Media Solutions <mediasolutions_ind@...>
To: fooddubai@..., free-stuff@yahoogroups.com,
free_real_estate_bangalore@yahoogroups.com,
freshers_bangalore@yahoogroups.com,
Freshers_Bangalore_Jobs@yahoogroups.com,
freshers_hyderabadjobs@yahoogroups.com,
friends_bahrain@yahoogroups.com, FT897@yahoogroups.com,
Fun_4_Amdavadi_Gujarati@yahoogroups.com,
gay_bangalore@yahoogroups.com, gaybangalore@yahoogroups.com,
goddessjessicabiel@yahoogroups.com,
gokiiidevw@yahoogroups.com, good-clean-fun@yahoogroups.com,
great-mailz@yahoogroups.com,
gujju_infoscions@yahoogroups.com,
Guntur_ROCK@yahoogroups.com
Subject: [FT897] Wonderful Website!!!
Date: Sun, 15 Mar 2009 20:12:44 +0530 (IST)

> Hi all,
>
>
> Here is one Wonderful Website
>
> http://www.mediasolutions.co.in/media/
>
> CLICK THAT AND REFRESH 2-3 TIMES.
>
>
> rEgarDZ,
> Subhash
>
>
>
> Add more friends to your messenger and enjoy! Go to
> http://messenger.yahoo.com/invite/
>
> [Non-text portions of this message have been removed]
>
>

25363. Re: [FT897] Off Topic.

Yahoo group: FT897 (2009)
Date: 2009-03-15 15:24:33 UTC
From: Geoff Blake
Topic: 25359 Message: 25363

On Sun, 15 Mar 2009, n5ztw@... wrote:

> Try the "Yaesu-Radios" yahoo group
> also Amateur-Repairs is another

Thanks Del

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
the intended recipient please notify
<postmaster(at)palaemon.demon.co.uk>
and the sender by return and permanently delete the message.

You may not disclose, forward or copy this E-mail or any of
its attachments to any third party without the prior consent
of the sender.

25364. sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 17:45:09 UTC
From: robert mcleod sr
Topic: 25364 Message: 25364

Hello to all. need some information....Have an 897 that has developed a problem with the front end audio. This one of two 897's and on the same antenna the other seems to be getting about twice as much audio thru the speaker. When it is a loud signal, it is very loud, AGC doesn't seem to be working at all.

Is there a repair facility some where in the south east? My eye site aint good enough to tackle this one. Thanks....Cliff/WB4DPP/NNN0JKI

25365. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 19:48:24 UTC
From: kc3vo@aol.com
Topic: 25364 Message: 25365

check all settings/menu items, it may be "operator error" --see if all
settings are correct first, save your money/time!--73, KC3VO, Bob Curry
**********Need a job? Find employment help in your area.
(http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)

[Non-text portions of this message have been removed]

25366. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 19:58:03 UTC
From: Florentin Nastase
Topic: 25364 Message: 25366

1-st see if your AGC is ON (menu MF 1, key B enable)
73's
Florentin YO9BXC.

[Non-text portions of this message have been removed]

25367. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 20:18:40 UTC
From: af2c@njdxa.org
Topic: 25364 Message: 25367

Cliff -

You haven't indicated whether the rig was modified in anyway and/or if any of the factory settings have been changed.

If you are using an external speaker, make sure that you are using the correct jack configuration.

Just for fun. Mark down your current menu settings on a piece of paper and do an all reset on the rig.

73,
Jay/AF2C

At 05:45 PM 3/15/2009 +0000, you wrote:

>Hello to all. need some information....Have an 897 that has developed a
>problem with the front end audio. This one of two 897's and on the same
>antenna the other seems to be getting about twice as much audio thru the
>speaker. When it is a loud signal, it is very loud, AGC doesn't seem to be
>working at all.
>
>Is there a repair facility some where in the south east? My eye site aint
>good enough to tackle this one. Thanks....Cliff/WB4DPP/NNN0JKI

25368. [FT897] Antenna for 897D

Yahoo group: FT897 (2009)
Date: 2009-03-15 20:22:24 UTC
From: Adam Filkins - KD8CCX
Topic: 25364 Message: 25368

Hello All,
I am looking to make an end fed long wire antenna. I have an 897D with an LDG AT-897 auto tuner. My question is about grounding. I have heard a hundred different stories about what type of grounding system I need for this. Can anyone share with me a good design that will not feed RF into my shack and cause me a trip to the burn ward?

I am not running an amplifier. I would like to make the antenna about 240' long.

Any info is appreciated! Thanks!

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

'-.-'---

[Non-text portions of this message have been removed]

25369. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 21:34:18 UTC
From: Robert Mcleod
Topic: 25364 Message: 25369

RR Florentin, every thing is as it should be. I figure that after I pull all my hair out, it will work properly....Cliff/wb4dpp/nnn0jki

--- On Sun, 3/15/09, Florentin Nastase <yo9bxc@...> wrote:
From: Florentin Nastase <yo9bxc@...>
Subject: Re: [FT897] sick FT-897
To: FT897@yahoogroups.com
Date: Sunday, March 15, 2009, 3:58 PM

1-st see if your AGC is ON (menu MF l, key B enable)

73's

Florentin YO9BXC.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25370. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-15 22:06:57 UTC
From: kc3vo@aol.com
Topic: 25364 Message: 25370

agc-should be ON, DSP-should be off, DNR-off, RF gain/squelch-set to
SQUELCH, no external devices connected-no computer or modem cables. etc. then
test.--73, KC3VO-Bob
**********Need a job? Find employment help in your area.
(http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005)

[Non-text portions of this message have been removed]

25371. RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:05:31 UTC
From: Shane Wolfe
Topic: 25371 Message: 25371

Greetings all,

I picked up an FT-897D last October when I joined Army MARS. Everything has been working great except for the level of noise found at or around 80/75m. On a good night, the level of noise is sitting at S9 or S8. This has been consistent since purchasing the rig in October. The noise is just static and there doesn't seem to be any discerning characteristics that I can attribute to any particular source, making this a bit hard to troubleshoot (and sometimes very frustrating). The radio is almost unusable at the aforementioned frequencies.

My setup:

FT-897D and all other station equipment share a common ground point (1/2 inch braid) to the ground lug on an MFJ-949E Versa Tuner. The 949e is grounded by 1/2" braid the the grounding lug on an MFJ window passthru panel. I have three antennas connected to the passthru, all sharing a common ground at that point.

The panel is tied to a copper clad rod right outside the window via 1/2in braid. I have another ground rod 15 feet away with a run of the #6 solid copper wire buried 1/2in under mulch from the rod next to the window.

Antennas:
Carolina Windom 160 Special
B&W Folded Dipole (65ft version).

Both antennas yield the very similar static/noise issues, though it's a little better on the B&W (1 S unit down in noise).

I've eliminated almost all of the devices in my house as the culprit by going through each breaker while running the radio off of battery power. Same results...

Would running a radial the same length as the Windom (130 feet) of #6 wire around the house (ultimately tied to the panel) help at all? Anyone out there using a similar setup?

I understand that my location will have lots to do with this (I DO live in a suburb of Baltimore/DC), but at least two other operators that are close to be do not report the same noise problems with similar setups.

Any thoughts or ideas are GREATLY appreciated.

Shane
KV3SPA (MARS AAR3EA).

25372. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:22:34 UTC
From: Jim
Topic: 25371 Message: 25372

Read this and give it a try

http://www.hamuniverse.com/grounding.html

Here is an excerpt.

*We could not tune the antenna on most frequencies and we kept getting zapped from the radio or microphone when we transmitted. Also, our signal reports were lousy. SO, after consulting some experts, I added 250 feet of counterpoise around the building consisting of some bare 6 gauge copper wire I had. The radio was on while I rolled it out and a friend was listening to the broadcast on 40 meters, (OK it was night time---best time to do antenna work right!) Anyway he reported the broadcast was only about S 4-5 on meter. As I rolled out the counterpoise it rose to 40 over S9 and came in much clearer. We were able to tune everything easily now and SWR was rock stable. When we did a signal test, the station we had talked to before accused us of running a contest amplifier. We could not convince them it was only 100 watts, same as before and the same antenna! *

Shane Wolfe wrote:
>
> Greetings all,
>
> I picked up an FT-897D last October when I joined Army MARS.
> Everything has been working great except for the level of noise found
> at or around 80/75m. On a good night, the level of noise is sitting
> at S9 or S8. This has been consistent since purchasing the rig in
> October. The noise is just static and there doesn't seem to be any
> discerning characteristics that I can attribute to any particular
> source, making this a bit hard to troubleshoot (and sometimes very
> frustrating). The radio is almost unusable at the aforementioned
> frequencies.
>
> My setup:
>
> FT-897D and all other station equipment share a common ground point
> (1/2 inch braid) to the ground lug on an MFJ-949E Versa Tuner. The
> 949e is grounded by 1/2" braid the the grounding lug on an MFJ window
> passthru panel. I have three antennas connected to the passthru, all
> sharing a common ground at that point.
>
> The panel is tied to a copper clad rod right outside the window via
> 1/2in braid. I have another ground rod 15 feet away with a run of the
> #6 solid copper wire buried 1/2in under mulch from the rod next to the

> window.
>
> Antennas:
> Carolina Windom 160 Special
> B&W Folded Dipole (65ft version).
>
> Both antennas yield the very similar static/noise issues, though it's
> a little better on the B&W (1 S unit down in noise).
>
> I've eliminated almost all of the devices in my house as the culprit
> by going through each breaker while running the radio off of battery
> power. Same results...
>
> Would running a radial the same length as the Windom (130 feet) of #6
> wire around the house (ultimately tied to the panel) help at all?
> Anyone out there using a similar setup?
>
> I understand that my location will have lots to do with this (I DO
> live in a suburb of Baltimore/DC), but at least two other operators
> that are close to be do not report the same noise problems with
> similar setups.
>
> Any thoughts or ideas are GREATLY appreciated.
>
> Shane
> KV3SPA (MARS AAR3EA).
>
>

25373. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:27:34 UTC
From: Larry D. Barr, K5WLF
Topic: 25371 Message: 25373

I'm in North Central Texas and have the same level of noise on 75/80 most of the time. Higher bands are, as expected, quieter. Personally, I don't consider it a radio problem, but rather a characteristic of band conditions.

If you find a cure for it, I'd love to hear it <G>. Best of luck.

73,
ldb
K5WLF

Shane Wolfe wrote:
> Greetings all,
>
> I picked up an FT-897D last October when I joined Army MARS.
> Everything has been working great except for the level of noise found
> at or around 80/75m. On a good night, the level of noise is sitting
> at S9 or S8. This has been consistent since purchasing the rig in
> October. The noise is just static and there doesn't seem to be any
> discerning characteristics that I can attribute to any particular
> source, making this a bit hard to troubleshoot (and sometimes very
> frustrating). The radio is almost unusable at the aforementioned
> frequencies.
>
> <snip>

25374. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:39:22 UTC
From: kc3vo@aol.com
Topic: 25371 Message: 25374

You might be getting line noise, from the power line, or noise from a UPS-either yours or a neighbors! Remember, a UPS continues to work even after the A.C. breaker is off. Anything in your, or nearby homes, can be the culprit, especially battery chargers, switching power supplies, Plasma TV sets, arcing powerline hardware, oil furnace igniters, electric fences, etc. If all else fails, I am local, perhaps one day I could assist you in person. 73, KC3VO-Bob Curry

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[Non-text portions of this message have been removed]

25375. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:53:38 UTC
From: Shane Wolfe
Topic: 25371 Message: 25375

Bob,

I have some high tension lines somewhat close to the house here in Odenton. I'm not sure what the neighbors have around, but I wouldn't be surprised in the noise isn't coming from right under my nose. I'm pretty much on top of 5 surrounding lots, with the antenna being strung between two houses...

I'm sure I won't completely eliminate it, but any improvement would be great. I might take you up on your offer if I can't sort it out in the next few weeks... Thank you!

Shane
KV3SPA

On Mar 15, 2009, at 10:39 PM, kc3vo@... wrote:

> You might be getting line noise, from the power line, or noise from a
> UPS-either yours or a neighbors! Remember, a UPS continues to work
> even after the
> A.C. breaker is off. Anything in your, or nearby homes, can be the
> culprit,
> especially battery chargers, switching power supplies, Plasma TV
> sets, arcing
> powerline hardware, oil furnace igniters, electric fences, etc. If
> all else
> fails, I am local, perhaps one day I could assist you in person. 73,
> KC3VO-Bob
> Curry
> **********Need a job? Find employment help in your area.
> (http://yellowpages.aol.com/search?query=employment_agencies&ncid=emlcntusyelp00000005
>)
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

25376. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 03:32:21 UTC
From: Joe
Topic: 25371 Message: 25376

I am in Reno, Nevada, and during the day until early evening...7pm (local) or so, the noise level on 75/80 is unbearable. In the evening it quiets down to S3-S5.

The noise sounds atmospheric to me!

BTW..like the call....K5WLF...Bert Shane has chuckled too!

Joe ***Wolfe***
WA6RKN

----- Original Message -----
From: "Larry D. Barr, K5WLF" <k5wlf@...>
Subject: Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

> I'm in North Central Texas and have the same level of noise on 75/80
> most of the time. Higher bands are, as expected, quieter. Personally, I
> don't consider it a radio problem, but rather a characteristic of band
> conditions.

25377. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-16 03:34:17 UTC
From: Robert Mcleod
Topic: 25364 Message: 25377

Hello Bob. This rig has been hooked to a MFG-1279 for the last three years and other than the frequency changed, none of the parameters have been changed. This rig is hooked to a computer and I use it mostly (85%) for digital.The agc on (auto) With digital, don't use the dsp or dnr. If the squelch was set to tight, it would have no audio coming thru at all or be intermittent.

Pulled it out of its place this afternoon and removed and replaced all the connectors. Audio came up but condx were excellent on the net tonite. I heard stations I usually have problems with on the other rig. Waiting (sounds strange) for bad condx again to compare the two rigs.

Thanks for the suggestions, I do appreciate the comments. Aint given up yet, but I gotta be realistic as well....Cliff/wb4dpp/nnn0jki wb4dpp@...

--- On Sun, 3/15/09, kc3vo@... <kc3vo@...> wrote:
From: kc3vo@... <kc3vo@...>
Subject: Re: [FT897] sick FT-897
To: FT897@yahoogroups.com
Date: Sunday, March 15, 2009, 6:06 PM

agc-should be ON, DSP-should be off, DNR-off, RF gain/squelch- set to

SQUELCH, no external devices connected-no computer or modem cables. etc. then

test.--73, KC3VO-Bob

********** **Need a job? Find employment help in your area.

(http://yellowpages. aol.com/search? query=employment _agencies& ncid=emlcntusyel p00000005)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25378. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 03:44:10 UTC
From: Larry D. Barr, K5WLF
Topic: 25371 Message: 25378

Thanks. I got it because my favorite critters are our wild friends
"Canis Lupus"

73,
ldb
K5WLF

Joe wrote:
>
> <snip>
>
> BTW..like the call....K5WLF...Bert Shane has chuckled too!
>
> Joe ***Wolfe***
> WA6RKN
>

25379. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 04:27:06 UTC
From: kc3vo@aol.com
Topic: 25371 Message: 25379

OK, and I know who to contact if it is power-line related.-Bob
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25380. Re: [FT897] sick FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-16 14:59:21 UTC
From: Robert Mcleod
Topic: 25364 Message: 25380

Hello Jay. The rig has been opened (both of them have been) up for MARS and works very well on all freqs we use. May have found the problem yesterday. Unplugged all the connections and then replaced them. Seems to have helped. At least I am getting a reading on the s meter now. Wasn't getting that before.

Thanks for the help...Cliff/wb4dpp/nnn0jki SC.

--- On Sun, 3/15/09, af2c@... <af2c@...> wrote:
From: af2c@... <af2c@njdxa.org>
Subject: Re: [FT897] sick FT-897
To: FT897@yahoogroups.com
Date: Sunday, March 15, 2009, 4:18 PM

Cliff -

You haven't indicated whether the rig was modified in anyway and/or if any

of the factory settings have been changed.

If you are using an external speaker, make sure that you are using the

correct jack configuration.

Just for fun. Mark down your current menu settings on a piece of paper and

do an all reset on the rig.

73,

Jay/AF2C

At 05:45 PM 3/15/2009 +0000, you wrote:

>Hello to all. need some information. ...Have an 897 that has developed a

>problem with the front end audio. This one of two 897's and on the same

>antenna the other seems to be getting about twice as much audio thru the

>speaker. When it is a loud signal, it is very loud, AGC doesn't seem to be

>working at all.

>

>Is there a repair facility some where in the south east? My eye site aint

>good enough to tackle this one. Thanks....Cliff/ WB4DPP/NNN0JKI

[Non-text portions of this message have been removed]

25381. Re: RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 14:51:26 UTC
From: Steve Yates
Topic: 25371 Message: 25381

Shane,

You didn't say whether or not you had the IPO switch on (preamp off) or the attenuator on. On 80m/75m the FT-897D has way more sensitivity then it needs for an acceptable S/N ratio. Unless you are using a specialized receiving antenna such as a Beverage the attenuator can be almost always be left on when on 80m. If the noise level is S8 or S9 with the attenuator on then you have a noise problem. Otherwise you are just listening to the natural noise level of the band. In the winter the noise will sound like broadband white noise but in the summer you may hear 40 dB over S9 static crashes.

Just for reference, right now at 1430 UTC (quiet time of day) my noise level on 3560 kHz is as follows:

Default setting (max. sens.) = S8/S9
IPO On (preamp off) = S7/S8
ATT On = S1

This is using a resonant 1/4 wave length inverted-L antenna here in north Texas. Before taking extreme measures to solve your noise problem I would first confirm that you really have a problem.

If you find that your noise level is probably normal then you can make it more tolerable by playing with the attenuator, RF Gain, and DSP settings.

If you do have a problem some major noise sources to look for are things like TVs (especially plasmas), AT&T Uverse systems, battery chargers made in China, etc. Good luck.

73,
Steve - AA5TB
Fort Worth

25382. Re: [FT897] Re: RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 15:18:18 UTC
From: Shane J. Wolfe
Topic: 25371 Message: 25382

Steve,

Thank you for you input. I still hit S8/S9 with the ATT on. IPO on is a bit better at S8.

On Monday, March 16, 2009, at 10:51AM, "Steve Yates" <aa5tb@...> wrote:
>Shane,
>
>You didn't say whether or not you had the IPO switch on (preamp off) or the attenuator on. On 80m/75m the FT-897D has way more sensitivity then it needs for an acceptable S/N ratio. Unless you are using a specialized receiving antenna such as a Beverage the attenuator can be almost always be left on when on 80m. If the noise level is S8 or S9 with the attenuator on then you have a noise problem. Otherwise you are just listening to the natural noise level of the band. In the winter the noise will sound like broadband white noise but in the summer you may hear 40 dB over S9 static crashes.
>
>Just for reference, right now at 1430 UTC (quiet time of day) my noise level on 3560 kHz is as follows:
>
>Default setting (max. sens.) = S8/S9
>IPO On (preamp off) = S7/S8
>ATT On = S1
>
>This is using a resonant 1/4 wave length inverted-L antenna here in north Texas. Before taking extreme measures to solve your noise problem I would first confirm that you really have a problem.
>
>If you find that your noise level is probably normal then you can make it more tolerable by playing with the attenuator, RF Gain, and DSP settings.
>
>If you do have a problem some major noise sources to look for are things like TVs (especially plasmas), AT&T Uverse systems, battery chargers made in China, etc. Good luck.
>
>73,
>Steve - AA5TB
>Fort Worth
>
>

25383. Re: [FT897] Off Topic.

Yahoo group: FT897 (2009)
Date: 2009-03-16 16:56:22 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25359 Message: 25383

Also Fox Tango on yahoo groups.

Rob
AF6CM

On Sun, 15 Mar 2009 07:17 -0600, "n5ztw@..."
<n5ztw@...> wrote:

Try the "Yaesu-Radios" yahoo group
also Amateur-Repairs is another
Del N5ZTW
----- Original Message Follows -----
From: Geoff Blake <[1]geoff@....
uk>
To: [2]FT897@yahoogroups.com
Subject: [FT897] Off Topic.
Date: Sun, 15 Mar 2009 08:06:54 +0000 (GMT)
> Sorry for the off topic post, but can anybody point me to
> either a group that deals with, or the alignment details
> of the FT790RII.
>
> Mine is ~2.5kHz off requency.
>
> Thanks
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex,
> U.K.
> Please reply to:
> geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc
> platforms
>
> Please avoid sending me Word or PowerPoint
> attachments.
> See
> <[3]http://www.gnu.org/philosophy/no-word-attachments.html>
> --
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> This E-mail and any attachment(s) are strictly
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> consent
> of the sender.
>
> --
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>
>
> ----------------------------------
>
> and for a great FAQ (Frequently Asked Questions) see
> [4]http://groups.yahoo.com/group/FT817/database Some really
> good technical info at:
> [5]http://www.ussc.com/~turner/ft817pg.shtml Please note that
> your messages and files sent to this group may appear
> anywhere on the Internet or in print without notice or
> compensation.
>
> Yahoo! Groups Links
>
>
>
>

References

1. mailto:geoff%40palaemon.demon.co.uk
2. mailto:FT897%40yahoogroups.com
3. http://www.gnu.org/philosophy/no-word-attachments.html
4. http://groups.yahoo.com/group/FT817/database
5. http://www.ussc.com/~turner/ft817pg.shtml
6. http://groups.yahoo.com/group/FT897/message/25359;_ylc=X3oDMTM2dmhtbjg4BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzI1MzYwBHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTIzNzEyMzA2OQR0cGNJZAMyNTM1OQ--
7. http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJxNzhoYnQxBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzI1MzYwBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTIzNzEyMzA2OQ--?act=reply&messageNum=25360
8. http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJlbjBmZW8wBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTIzNzEyMzA2OQ--
9. http://groups.yahoo.com/group/FT897/messages;_ylc=X3oDMTJlZzZrYnIwBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA21zZ3MEc3RpbWUDMTIzNzEyMzA2OQ--
10. http://groups.yahoo.com/group/FT897/files;_ylc=X3oDMTJmcG1uNXIwBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2ZpbGVzBHN0aW1lAzEyMzcxMjMwNjk-
11. http://groups.yahoo.com/group/FT897/photos;_ylc=X3oDMTJlc2I1b2toBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3Bob3QEc3RpbWUDMTIzNzEyMzA2OQ--
12. http://groups.yahoo.com/group/FT897/links;_ylc=X3oDMTJmdTB1a3AxBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2xpbmtzBHN0aW1lAzEyMzcxMjMwNjk-

13. http://groups.yahoo.com/group/FT897/database;_ylc=X3oDMTJjdG9hbDU0BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2RiBHN0aW1lAzEyMzcxMjMwNjk-
14. http://groups.yahoo.com/group/FT897/polls;_ylc=X3oDMTJmbTQ4MnY5BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3BvbGxzBHN0aW1lAzEyMzcxMjMwNjk-
15. http://groups.yahoo.com/group/FT897/calendar;_ylc=X3oDMTJkbXMza2txBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2NhbARzdGltZQMxMjM3MTIzMDY5
16. http://groups.yahoo.com/;_ylc=X3oDMTJkYmFqcGk2BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjM3MTIzMDY5
17. http://groups.yahoo.com/group/FT897/join;_ylc=X3oDMTJmNWwyMmFkBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3N0bmdzBHN0aW1lAzEyMzcxMjMwNjk-
18. mailto:FT897-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest
19. mailto:FT897-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional
20. http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJkbDZ1bThjBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjM3MTIzMDY5
21. http://docs.yahoo.com/info/terms/
22. mailto:FT897-unsubscribe@yahoogroups.com?subject=
23. http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmaW43a3JwBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyMzcxMjMwNjk-
24. http://groups.yahoo.com/group/FT897/files;_ylc=X3oDMTJnaHVuZjE3BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZmaWxlcwRzdGltZQMxMjM3MTIzMDY5
25. http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlcW81aGtkBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTIzNzEyMzA2OQ--
26. http://us.lrd.yahoo.com/_ylc=X3oDMTJtNG1vcWI4BF9TAzk3MzU5NzE0BF9wAzEEZ3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNicmFuZARzdGltZQMxMjM3MTIzMDY5;_ylg=1/SIG=11314uv3k/**http%3A//brand.yahoo.com/forgood
27. http://us.lrd.yahoo.com/_ylc=X3oDMTJvb2hjN21wBF9TAzk3MzU5NzE0BF9wAzIEZ3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawN0b29sYmFyBHN0aW1lAzEyMzcxMjMwNjk-;_ylg=1/SIG=11c6dvmk9/**http%3A//toolbar.yahoo.com/%3F.cpdl=ygrps
28. http://groups.yahoo.com/start;_ylc=X3oDMTJvMmlnZGVoBF9TAzk3MzU5NzE0BF9wAzMEZ3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNncm91cHMyBHN0aW1lAzEyMzcxMjMwNjk-

[Non-text portions of this message have been removed]

25384. Re: Antenna for 897D

Yahoo group: FT897 (2009)
Date: 2009-03-16 17:16:32 UTC
From: ve3wmb
Topic: 25364 Message: 25384

Adam :

The simplest answer is that you should use as many ground
radials as practical, minimum length of 1/8 wave on the lowest frequency you plan to use the antenna for. Wire size doesn't matter much, nor does it matter whether you lay them on the ground or bury them a few inches. If the number of radials is less than about 20 then there will be very little difference in performance whether they are 1/8 wave or 1/4 wave at the lowest operating frequency.

If the shack is not on the ground floor then try using one 1/4 wave radial per band (insulated wire) run around the shack. You can use something like multi-conductor rotator cable with each conductor cut to about 1/4 wave for a different band, but I would suggest that you try to splay out the last 2 or feet of each of the conductors (at the end opposite the tuner) from the rest to avoid interaction. These wires can all be connected in parallel to the ground connection on your antenna tuner.

Also keep in mind that any arbitrarily chosen end-fed wire length is certain to present a high impedance on one or more bands, this is because it likely that the length will be close to an even multiple of 1/4wave on one or more of the bands. (The impedance of an end-fed 1/2 wave wire ranges from about 3000 to 5000 ohms). So unless you have very wide range antenna tuner (hint: most auto-tuners won't handle this, with maybe the exception of SGC's ATUs) you will need to be careful what length you select. There is a very good article called "Taming the End-Fed Wire" from an RSGB publication who's name escapes me.

This article has a diagram showing some recommended non-resonant wire lengths vs Amateur Bands. Let me have a look for this and I can suggest at least one length in the 200ft range that should hopefully minimize tuning problems for you.

Best of luck.

Michael VE3WMB

--- In FT897@yahoogroups.com, "Adam Filkins - KD8CCX" <kd8ccx@...> wrote:
>
> Hello All,
> I am looking to make an end fed long wire antenna. I have an 897D with
> an LDG AT-897 auto tuner. My question is about grounding. I have heard
> a hundred different stories about what type of grounding system I need
> for this. Can anyone share with me a good design that will not feed RF
> into my shack and cause me a trip to the burn ward?
>
> I am not running an amplifier. I would like to make the antenna about
> 240' long.
>
> Any info is appreciated! Thanks!
>
> Adam Filkins

> KD8CCX
> 146.860Mhz Repeater - No PL
>
> Learn more about the Thumb Amateur Radio Club at:
> Http://www.w8ax.com
>
> ,_._,___
>
>
> [Non-text portions of this message have been removed]
>

25385. Programming Question

Yahoo group: FT897 (2009)
Date: 2009-03-16 18:49:59 UTC
From: Adam Karsin
Topic: 25385 Message: 25385

Hi everyone,

I am about to do a major overhaul on the programmed memories,
some frequencies will stay the same and some will change, I wanted to be
able to move channel information up and down to make room for new and
reposition some for ease of use. I seem to remember doing this in the past,
but now it seems that I can only insert and delete which causes either the
top or bottom channels to be deleted.

Any information and assistance is greatly appreciated.

73,

Adam

KG4WWH

[Non-text portions of this message have been removed]

25386. Re: Programming Question

Yahoo group: FT897 (2009)
Date: 2009-03-16 19:42:59 UTC
From: Stewart Nelson
Topic: 25385 Message: 25386

I believe there is a computer program that will let you do this very easily. It is the 857/897 programmer. After you have used it one time you will never want to go back again.

--- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>
> Hi everyone,
>
> I am about to do a major overhaul on the programmed memories,
> some frequencies will stay the same and some will change, I wanted to be
> able to move channel information up and down to make room for new and
> reposition some for ease of use. I seem to remember doing this in the past,
> but now it seems that I can only insert and delete which causes either the
> top or bottom channels to be deleted.
>
>
>
> Any information and assistance is greatly appreciated.
>
>
>
> 73,
>
>
>
> Adam
>
> KG4WWH
>
>
>
> [Non-text portions of this message have been removed]
>

25387. Re: [FT897] Re: Programming Question

Yahoo group: FT897 (2009)
Date: 2009-03-16 19:59:44 UTC
From: Larry D. Barr
Topic: 25385 Message: 25387

http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B

That's the software I use. It's outstanding.

73,
ldb
K5WLF

Stewart Nelson wrote:
> I believe there is a computer program that will let you do this very
> easily. It is the 857/897 programmer. After you have used it one
> time you will never want to go back again.
>
>
> --- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>> Hi everyone,
>>
>> I am about to do a major overhaul on the programmed memories, some
>> frequencies will stay the same and some will change, I wanted to be
>> able to move channel information up and down to make room for new
>> and reposition some for ease of use. I seem to remember doing this
>> in the past, but now it seems that I can only insert and delete
>> which causes either the top or bottom channels to be deleted.
>>
>>
>>
>> Any information and assistance is greatly appreciated.
>>
>>
>>
>> 73,
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>>
>> Adam
>>
>> KG4WWH
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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25388. Re: RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-17 01:04:56 UTC
From: tenorman1952
Topic: 25371 Message: 25388

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>
> I'm in North Central Texas and have the same level of noise on 75/80
> most of the time. Higher bands are, as expected, quieter. Personally, I
> don't consider it a radio problem, but rather a characteristic of band
> conditions.
>
> If you find a cure for it, I'd love to hear it <G>. Best of luck.
>
> 73,
> ldb
> K5WLF

Larry, I agree. I'm in southern Lousiana, and I am sure you probably hear some of the same nets I do, HiFivers (3.908), Tailgaters (3.916), etc.

When I am having a noise problem on 80 meters, it is also reported by others on those nets in TX, OK, AR. When my noise is down, it is also commented on by others.

One thing that REALLY helped and made it bearable was adding a BHI, Inc. DSP module. I purchased it from W4RT, and this is the internal module. I have a folder, AE5JU (my call) in the Files section with sound samples I recorded. In each, the module is off, then you will hear a beep as the module is switched on. Later you will hear another beep as the module is switched off again. There is an installation pdf from someone else in the Files section, too.

However if I were to do this again I would spend a few more bucks and use the outboard "black box" from BHI that has its own internal audio amp to drive an external speaker. That way I could use it with other radios.

Overall I am very happy with the noise reduction provided by the BHI DSP module. It works even better than the mp3 sound samples on the BHI site. Listen to my sound samples. I usually set it to Level 2 or Level 3.

Paul
AE5JU

25389. Re: [FT897] Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-14 04:15:03 UTC
From: Michael Riggs
Topic: 25333 Message: 25389

If you travel with a laptop, get HAM Radio Deluxe and the 897.

With a CAT interface you'll get a way more flexible interface, and
leave $400 in your pocket.

Download it and check it out. It has a demo.

Michael Riggs

+1(512)751-7093

Sent from my iPhone

On Mar 8, 2009, at 5:03 PM, "ak40f" <ak40f@...> wrote:

> I know there is quite a difference but here is my dilemma. The 897D
> has VHF and is small to take with me when I travel to VA. However, I
> am not sure I am a fan of all the menus to get things done. The 950
> has less menus and more controls, better receiver, but no VHF and is
> larger to haul. So, if you have had experience with both what do you
> suggest. I keep thinking I have the HT for VHF and can always go
> mobile.
>
> Thanks for your thoughts,
> George
> AK4OF
>
>

[Non-text portions of this message have been removed]

25390. Mobile setups for the FT897

Yahoo group: FT897 (2009)
Date: 2009-03-16 03:30:22 UTC
From: Jack Hamm
Topic: 25390 Message: 25390

Hi All,
I have an FT897 with AT897 on the side. I've recently changed housing arrangements and I think an antenna is a little unlikely. I was thinking of going mobile with my 897. I have a 2007 Toyota Matrix (manual, so there is little center console). Anyone mounted the 897 mobile and have suggestions for placements or any pointers on the rig that might make it easier for mobile/stationary use?

Cheers and 73,
Jack, WA1CFS

25391. Re: Programming Question

Yahoo group: FT897 (2009)
Date: 2009-03-16 19:11:02 UTC
From: Ted Wrobel
Topic: 25385 Message: 25391

--- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>
> Hi everyone,
>
> I am about to do a major overhaul on the programmed memories,
> some frequencies will stay the same and some will change, I wanted...
Hi,

Save yourself a bunch of effort with FTbasicMMO. This is a simple software program that makes FT-897 memory managemeny a breeze. If you have the CAT cable and a computer it may well be the best $15 you can spend.

Over the weekend I exported the VHF frequencies, offsets, etc from ny Icom V8000. With a little programming I converted the CSV file I exported from the V8000 to an input file that FTbasicMMO would accept.

Loading about 75 frequencies took about 3 hours, programming and learning included.

If all you need to do is make some changes toe your existing stored frequencies, FTbasicMMO will download the current data from your radio. You can then make changes i a spreadsheet-like format and upload the revised file to the radio.

Nice,clean, neat product.

73
Ted
KB1PPK

Bob G4HFQ
bob.freeth@g4hfq.co.uk

or download at:

http://www.g4hfq.co.uk/download.html

25392. Re: [FT897] Mobile setups for the FT897

Yahoo group: FT897 (2009)
Date: 2009-03-17 04:31:44 UTC
From: Lew Phelps K6LMP
Topic: 25390 Message: 25392

If the setup is what I think it is (that is, the shift lever is on the dash, not the transmission console) it's a piece of cake. I will send you info offline. I have done an installatio of the 897 in a Totoya Prius, and I think the same concept will work for you. I'm writing it up for Bruce Krell's FT-897 web site -- which, by the way, is going to be a great resource for 897 owners!

Lew K6LMP

On Mar 15, 2009, at 8:30 PM, Jack Hamm wrote:

> Hi All,
> I have an FT897 with AT897 on the side. I've recently changed
> housing arrangements and I think an antenna is a little unlikely. I
> was
> thinking of going mobile with my 897. I have a 2007 Toyota Matrix
> (manual, so there is little center console). Anyone mounted the 897
> mobile and have suggestions for placements or any pointers on the rig
> that might make it easier for mobile/stationary use?
>
> Cheers and 73,
> Jack, WA1CFSt

[Non-text portions of this message have been removed]

25393. antenna

Yahoo group: FT897 (2009)
Date: 2009-03-17 23:34:47 UTC
From: dave.stockton@yahoo.com
Topic: 3439 Message: 25393

Hi all
I have a 30ft colinear 2m 70cm at the end of my garden on a 20ft pole. Can I use this to fix either the end of a long wire to or a G5RV without affecting the performance of the vhf uhf antenna. I was thinking of attaching the wire to the house then across to the top of the colinear then down to about a ft from the ground to a dogbone.
Hope this makes sense?

Dave M6DMA. Sunny Middlewich UK

Sent from my BlackBerry® wireless device

25394. Re: [FT897] antenna

Yahoo group: FT897 (2009)
Date: 2009-03-18 02:34:00 UTC
From: kc3vo@aol.com
Topic: 3439 Message: 25394

Attach it to the POLE, not the antenna! Attaching to the top of the ANTENNA, is very likely to detune it, AND damage it, as the antenna is not designed to support other items!--73, KC3VO-Bob Curry
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25395. Re: [FT897] Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-18 02:40:24 UTC
From: Tom Wright
Topic: 25333 Message: 25395

Hi George,

I own both radios. The 950 is a great radio, the 897 is a good radio too, but in my opinion the vhf side leaves a little to be desired. If you can afford it, go with the 950. You won't be disapointed. The Receiver on the 950 is leaps and bounds ahead of the 897.

Best of Luck

Tom de KD8DHH

On Sun, Mar 8, 2009 at 6:03 PM, ak40f <ak40f@...> wrote:
> I know there is quite a difference but here is my dilemma. The 897D has VHF
> and is small to take with me when I travel to VA. However, I am not sure I
> am a fan of all the menus to get things done. The 950 has less menus and
> more controls, better receiver, but no VHF and is larger to haul. So, if you
> have had experience with both what do you suggest. I keep thinking I have
> the HT for VHF and can always go mobile.
>
> Thanks for your thoughts,
> George
> AK4OF
>
>

25396. RE: [FT897] Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-18 03:07:23 UTC
From: Bruce Krell
Topic: 25333 Message: 25396

Tom,

In what ways is the 950 receiver leaps and bounds above the 897D?
Does it have better selectivity in the IF Bandpass Filter, for instance?
How much better? What are the comparative selectivity figures?

What other ways do they differ?

Bruce

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Tom Wright
Sent: Tuesday, March 17, 2009 7:40 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Buy FT-897 vs FT-950

Hi George,

I own both radios. The 950 is a great radio, the 897 is a good
radio too, but in my opinion the vhf side leaves a little to be
desired. If you can afford it, go with the 950. You won't be
disapointed. The Receiver on the 950 is leaps and bounds ahead of the
897.

Best of Luck

Tom de KD8DHH

On Sun, Mar 8, 2009 at 6:03 PM, ak40f <ak40f@...> wrote:
> I know there is quite a difference but here is my dilemma. The 897D has VHF
> and is small to take with me when I travel to VA. However, I am not sure I
> am a fan of all the menus to get things done. The 950 has less menus and
> more controls, better receiver, but no VHF and is larger to haul. So, if you
> have had experience with both what do you suggest. I keep thinking I have
> the HT for VHF and can always go mobile.
>
> Thanks for your thoughts,
> George
> AK4OF
>
>

[Non-text portions of this message have been removed]

25397. Re: [FT897] antenna

Yahoo group: FT897 (2009)
Date: 2009-03-18 16:47:48 UTC
From: arthur swain
Topic: 3439 Message: 25397

Dave, It is not a good idea to attach the wire or G5RV to the top of your colinear. I suspect that it will create problems for you on 2m/70cm. It would be better to distance the wire from the colinear by using something like strong nylon fishing line and an insulator. Make the nylon line at least 6' long. Then you can drop the remaining wire vertically to your dogbone. I am not sure, though, about the physical strength of the colinear with a sideways pull especially when it gets windy. Personally, I am not a fan of the G5RV but at least it is a balanced antenna unlike the longwire which may give you problems on the TVI front.

Art G3KWY F0EUK VS1HX

--- On Tue, 17/3/09, dave.stockton@... <dave.stockton@...> wrote:

> From: dave.stockton@... <dave.stockton@...>
> Subject: [FT897] antenna
> To: FT897@yahoogroups.com
> Date: Tuesday, 17 March, 2009, 4:34 PM
> Hi all
> I have a 30ft colinear 2m 70cm at the end of my garden on a
> 20ft pole. Can I use this to fix either the end of a long
> wire to or a G5RV without affecting the performance of the
> vhf uhf antenna. I was thinking of attaching the wire to the
> house then across to the top of the colinear then down to
> about a ft from the ground to a dogbone.
> Hope this makes sense?
>
> Dave M6DMA. Sunny Middlewich UK
>
>
> Sent from my BlackBerry® wireless device
>
> ------------------------------------
>
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25398. Re: [FT897] antenna

Yahoo group: FT897 (2009)
Date: 2009-03-18 20:06:09 UTC
From: Danny Loyd
Topic: 3439 Message: 25398

Dave,

On the G5RV you need to make sure the feedline is standing off from any tower you may use by at least 4-6 inches or you will get some pretty high SWR across several of the bands.

Danny Loyd
KE5WDI

From: arthur swain <f0euk@...>
To: FT897@yahoogroups.com
Sent: Wednesday, March 18, 2009 11:47:48 AM
Subject: Re: [FT897] antenna

Dave, It is not a good idea to attach the wire or G5RV to the top of your colinear. I suspect that it will create problems for you on 2m/70cm. It would be better to distance the wire from the colinear by using something like strong nylon fishing line and an insulator. Make the nylon line at least 6' long. Then you can drop the remaining wire vertically to your dogbone. I am not sure, though, about the physical strength of the colinear with a sideways pull especially when it gets windy. Personally, I am not a fan of the G5RV but at least it is a balanced antenna unlike the longwire which may give you problems on the TVI front.

Art G3KWY F0EUK VS1HX

--- On Tue, 17/3/09, dave.stockton@ yahoo.com <dave.stockton@ yahoo.com> wrote:

> From: dave.stockton@ yahoo.com <dave.stockton@ yahoo.com>
> Subject: [FT897] antenna
> To: FT897@yahoogroups. com
> Date: Tuesday, 17 March, 2009, 4:34 PM
> Hi all
> I have a 30ft colinear 2m 70cm at the end of my garden on a
> 20ft pole. Can I use this to fix either the end of a long
> wire to or a G5RV without affecting the performance of the
> vhf uhf antenna. I was thinking of attaching the wire to the
> house then across to the top of the colinear then down to
> about a ft from the ground to a dogbone.
> Hope this makes sense?
>
> Dave M6DMA. Sunny Middlewich UK
>
>
> Sent from my BlackBerry® wireless device
>
> ------------ --------- --------- ------
>

> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

25399. Re: [FT897] antenna

Yahoo group: FT897 (2009)
Date: 2009-03-18 20:10:24 UTC
From: Joe
Topic: 3439 Message: 25399

And....

It should be 30 foot in length and perfectly perpendicular to ground.....

Should be.....in a perfect world.........

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
Subject: Re: [FT897] antenna

On the G5RV you need to make sure the feedline is standing off from any
tower you may use by at least 4-6 inches or you will get some pretty high
SWR across several of the bands.

25400. Re: [FT897] Mobile setups for the FT897

Yahoo group: FT897 (2009)
Date: 2009-03-18 20:50:00 UTC
From: Jack Hamm
Topic: 25390 Message: 25400

Hi Lew,
You are correct. The shifter is a little higher than knee level on the dash. I have been playing with layouts, but I can't decide. I look forward to the info you are writing up!

73,
Jack Hamm, WA1CFS

25401. Re: [FT897] antenna ___ Perpindicular Feeder G5RV

Yahoo group: FT897 (2009)
Date: Unix timestamp -125528321455 [implausible archived timestamp]
From: P Grant
Topic: 25401 Message: 25401

None of the write ups on the G5RV type antenna specify that you must keep the antenna feed line vertical for the full length. A few ay it SHOULD run vertical for at least 20 feet, and then be taken to a support where the co-ax can be attached. Some also say full size [80M] G5RV should be at least 30 ft. high... so the feeder could not all be vertical.
None of the sites I have read up on say "you can run the feeder parallel to the mast at 6 inches"
What is mentioned several places says " keep the feeder away at least 6 inches from large pieces of metal" ...[metal guttering] That does not mean "run it down the mast at 6 inches"
My by the book, home brew G5RV antenna is at 25 ft, in a dog leg, to two very good neighbours houses, and the feeder is on a rope stand off from my chimney, running almost horizontal for its length, and taken down the wall at the gable end,in H100 co-ax, and into the shack. as well as not being flat top,,, it is average 15 degrees inverted V, along with the dog leg effect. It works better than a lot of factory built antenna, with PL259 Plug attached selling for $100. + I would love to be in a position to use home brew open wire feeder,,, but just not possible at my QTH.... You use what you have available !!! Be careful you understand the wording which has been "edited" several times over the years on differing web pages. Every QTH is different, so what is good for me, might be wicked at yours... Peter EI4HX _._
----- Original Message -----
From: Joe
To: FT897@yahoogroups.com
Sent: Wednesday, March 18, 2009 8:10 PM
Subject: Re: [FT897] antenna

And....

It should be 30 foot in length and perfectly perpendicular to ground.....

Should be.....in a perfect world.....

Joe Wolfe
WA6RKN

----- Original Message -----
From: "Danny Loyd" <ke5wdi@...>
Subject: Re: [FT897] antenna

On the G5RV you need to make sure the feedline is standing off from any
tower you may use by at least 4-6 inches or you will get some pretty high
SWR across several of the bands.

[Non-text portions of this message have been removed]

25402. Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 06:35:40 UTC
From: Eric Champine
Topic: 25402 Message: 25402

Hi all. I have the 897D and have decided to make it my base station. I just got the 817 for portable use and love it. Anyhow back to my question. I now have a Astron SS-30M that works very nice but after a short amount of time talking the fan turns on to cool the Astron power supply down. I have looked at pictures of the FP-30 and it doesn't look all that big. What I want to know is does the FP-30 cool down well and is the fan loud? How do you all like the FP-30 power supply?
My goal is to consolidate space in my shack and I thought this would be a good start.
I have looked at eham.net and all the reviews are a bit old and I wanted to get a more up to date answer from people who use them.
THanks for your time and 73s.

Eric
KC2TSW

25403. RE: [FT897] Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 06:40:19 UTC
From: Selva Kumar R
Topic: 25402 Message: 25403

Eric, I have the Alinco DM-330MW power supply for base use in the Shack and it's great (except for the fact that its external to the Rig)....the Fan noise is barely heard and is very compact too.

Selva
VU3RWB

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric Champine
Sent: Thursday, 19 March, 2009 12:06
To: FT897@yahoogroups.com
Subject: [FT897] Question about the FP-30 Power supply.

Hi all. I have the 897D and have decided to make it my base station. I just got the 817 for portable use and love it. Anyhow back to my question. I now have a Astron SS-30M that works very nice but after a short amount of time talking the fan turns on to cool the Astron power supply down. I have looked at pictures of the FP-30 and it doesn't look all that big. What I want to know is does the FP-30 cool down well and is the fan loud? How do you all like the FP-30 power supply?
My goal is to consolidate space in my shack and I thought this would be a good start.
I have looked at eham.net and all the reviews are a bit old and I wanted to get a more up to date answer from people who use them.
THanks for your time and 73s.

Eric
KC2TSW

This e-mail has been scanned for viruses by the Cable & Wireless e-mail security system - powered by MessageLabs. For more information on a proactive managed e-mail security service, visit http://www.cw.com/uk/emailprotection/

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[Non-text portions of this message have been removed]

25404. Re: [FT897] Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 08:02:34 UTC
From: Charles Mintoff
Topic: 25402 Message: 25404

Hi Eric,
I have been using the FP-30 Power supply for the past 6
months I have found that it works very well
very quiet and fits in the Battery Compartment I would recommend it.
Charlie 9H4CM

On Thu, Mar 19, 2009 at 7:35 AM, Eric Champine <champine@...> wrote:
> Hi all. I have the 897D and have decided to make it my base station. I just
> got the 817 for portable use and love it. Anyhow back to my question. I now
> have a Astron SS-30M that works very nice but after a short amount of time
> talking the fan turns on to cool the Astron power supply down. I have looked
> at pictures of the FP-30 and it doesn't look all that big. What I want to
> know is does the FP-30 cool down well and is the fan loud? How do you all
> like the FP-30 power supply?
> My goal is to consolidate space in my shack and I thought this would be a
> good start.
> I have looked at eham.net and all the reviews are a bit old and I wanted to
> get a more up to date answer from people who use them.
> THanks for your time and 73s.
>
> Eric
> KC2TSW
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

25405. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 09:05:41 UTC
From: nr3r15
Topic: 25402 Message: 25405

--- In FT897@yahoogroups.com, "Eric Champine" <champine@...> wrote:

I have three 897's and all have the internal power supply. Never a problem. Very quiet. I never did understand why anyone would invest in radio like the 897 and have an external power supply anyway.

Larry

25406. RE: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 09:14:42 UTC
From: John Johnson
Topic: 25402 Message: 25406

Same here. Indeed, I don't understand why 'desktop' radios don't come with internal PSUs as standard these days. The FT-897 I can understand being a flexible format and does have a dedicated optional integrated PSU but anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those are going to be vehicle mounted or used in the field? Obviously some, but a large enough proportion to force us all to have another ugly mismatched box and more wires?

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of nr3r15
Sent: 19 March 2009 09:06
To: FT897@yahoogroups.com
Subject: [FT897] Re: Question about the FP-30 Power supply.

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Eric Champine" <champine@...> wrote:

I have three 897's and all have the internal power supply. Never a problem. Very quiet. I never did understand why anyone would invest in radio like the 897 and have an external power supply anyway.

Larry

[Non-text portions of this message have been removed]

25407. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 09:37:58 UTC
From: Jim
Topic: 25402 Message: 25407

In reply to the original question, the FP-30 doesn't have an internal fan and it runs cool.
Some of the original FP-30's had bad noise problems but that problem was easily cured by
the use of small sized capacitors across the +ve and -VE output terminals to ground.
Actually they were soldered across the large internal capacitors to ground.
The FP-30 does not have a grounded negative .
Jim VE3DDY/W4
--- In FT897@yahoogroups.com, "John Johnson" <g6vzm@...> wrote:
>
> Same here. Indeed, I don't understand why 'desktop' radios don't come with
> internal PSUs as standard these days. The FT-897 I can understand being a
> flexible format and does have a dedicated optional integrated PSU but
> anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those
> are going to be vehicle mounted or used in the field? Obviously some, but a
> large enough proportion to force us all to have another ugly mismatched box
> and more wires?
>
>
>
> JJ
>
> G6VZM / 9H4JJ
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> nr3r15
> Sent: 19 March 2009 09:06
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Question about the FP-30 Power supply.
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Eric
> Champine" <champine@> wrote:
>
> I have three 897's and all have the internal power supply. Never a problem.
> Very quiet. I never did understand why anyone would invest in radio like the
> 897 and have an external power supply anyway.
>
> Larry
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

25408. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 11:41:41 UTC
From: Paul Graham
Topic: 25402 Message: 25408

I for one havnt bought an internal PSU because they cost a small fortune!
They cost £200 here. For that I could easilly buy two 22 amp PSU's.

Paul
2E0RAK

From: nr3r15 <nr3r15@...>
To: FT897@yahoogroups.com
Sent: Thursday, 19 March, 2009 9:05:41
Subject: [FT897] Re: Question about the FP-30 Power supply.

--- In FT897@yahoogroups. com, "Eric Champine" <champine@.. ..> wrote:

I have three 897's and all have the internal power supply. Never a problem. Very quiet. I never did understand why anyone would invest in radio like the 897 and have an external power supply anyway.

Larry

[Non-text portions of this message have been removed]

25409. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 11:47:25 UTC
From: Hank
Topic: 25402 Message: 25409

I have the FP-30 and love it. I have an Aston 25 amp but decided to get the FP-30 because of space. It runs very cool and I personally haven't had any noise problems. I highly recommend it.

73 de KB4MTO / Hank

--- In FT897@yahoogroups.com, "Eric Champine" <champine@...> wrote:
>
> Hi all. I have the 897D and have decided to make it my base station. I just got the 817 for portable use and love it. Anyhow back to my question. I now have a Astron SS-30M that works very nice but after a short amount of time talking the fan turns on to cool the Astron power supply down. I have looked at pictures of the FP-30 and it doesn't look all that big. What I want to know is does the FP-30 cool down well and is the fan loud? How do you all like the FP-30 power supply?
> My goal is to consolidate space in my shack and I thought this would be a good start.
> I have looked at eham.net and all the reviews are a bit old and I wanted to get a more up to date answer from people who use them.
> THanks for your time and 73s.
>
> Eric
> KC2TSW
>

25410. FT-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-19 11:54:39 UTC
From: Carl Wulfestieg
Topic: 25410 Message: 25410

Eric-
First, the FT-30 internal power supply is fine - I've had mine for five years - no problems, no excess heat, no noise. Just remember, when you turn the transceiver on, first turn on the power supply (switch on the rear of the power supply) {Note: You can find the switch by "feel" once you learn where it is}, then turn on the transceiver (switch on the front of the transceiver). Then, when you turn the transceiver off, first turn off the transceiver, then turn off the power supply.

You didn't ask about this but I'll mention it anyway. Check out the FT-Meter. I have one and it's the best $45 I ever spent. (radio wise) It is an analog meter designed especially for the FT-897. Takes all the guesswork out of trying to understand the built-in digital meter.

Go to: http://www.w4rt.com

It is illuminated without using a light bulb or Power Module. It plugs into the jack on the bottom of the FT-897/D, 2.5" from the right edge, near the front. You set what you want the meter to read by using Menu 60 (when receiving) and Menu 61 (when transmitting).

73 Carl WZ4CW, SKCC 918, FISTS 13491
P.S. For those into CW, check out Straight Key Century Club http://www.skccgroup.com

[Non-text portions of this message have been removed]

25411. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 11:55:23 UTC
From: Jim C
Topic: 25402 Message: 25411

They can sell the rig for $100 less if they don't include the power
supply. It gives them an edge of any company that includes the power supply

John Johnson wrote:
>
> Same here. Indeed, I don't understand why 'desktop' radios don't come with
> internal PSUs as standard these days. The FT-897 I can understand being a
> flexible format and does have a dedicated optional integrated PSU but
> anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those
> are going to be vehicle mounted or used in the field? Obviously some,
> but a
> large enough proportion to force us all to have another ugly
> mismatched box
> and more wires?
>
> JJ
>
> G6VZM / 9H4JJ
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> nr3r15
> Sent: 19 March 2009 09:06
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: Question about the FP-30 Power supply.
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> , "Eric
> Champine" <champine@...> wrote:
>
> I have three 897's and all have the internal power supply. Never a
> problem.
> Very quiet. I never did understand why anyone would invest in radio
> like the
> 897 and have an external power supply anyway.
>
> Larry
>
> [Non-text portions of this message have been removed]
>
>

25412. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 11:59:45 UTC
From: Jim C
Topic: 25402 Message: 25412

I have an FT897d and I like it right well, however,it has something like 99 different menus to deal with. While it is a great portable rig, I don't understand why anyone would have three of them instead of getting a regular base radio and keeping the 897 as a portable. However, everyone has their own way of looking at things and I can respect that.

nr3r15 wrote:
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Eric
> Champine" <champine@...> wrote:
>
> I have three 897's and all have the internal power supply. Never a
> problem. Very quiet. I never did understand why anyone would invest in
> radio like the 897 and have an external power supply anyway.
>
> Larry
>
>

25413. Re: FT-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-19 12:10:25 UTC
From: Hank
Topic: 25410 Message: 25413

I'm glad to hear someone mention that they like the FT-Meter. I have been trying to decide if I want to get one, and didn't know if it did everything or if it was accurate. I decided on the LDG AT-897 over the FC-30, and I'm very happy with it.

de KB4MTO / Hank

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Eric-
> First, the FT-30 internal power supply is fine - I've had mine for five years - no problems, no excess heat, no noise. Just remember, when you turn the transceiver on, first turn on the power supply (switch on the rear of the power supply) {Note: You can find the switch by "feel" once you learn where it is}, then turn on the transceiver (switch on the front of the transceiver). Then, when you turn the transceiver off, first turn off the transceiver, then turn off the power supply.
>
> You didn't ask about this but I'll mention it anyway. Check out the FT-Meter. I have one and it's the best $45 I ever spent. (radio wise) It is an analog meter designed especially for the FT-897. Takes all the guesswork out of trying to understand the built-in digital meter.
>
> Go to: http://www.w4rt.com
>
> It is illuminated without using a light bulb or Power Module. It plugs into the jack on the bottom of the FT-897/D, 2.5" from the right edge, near the front. You set what you want the meter to read by using Menu 60 (when receiving) and Menu 61 (when transmitting).
>
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
> P.S. For those into CW, check out Straight Key Century Club http://www.skccgroup.com
>
> [Non-text portions of this message have been removed]
>

25414. Re: [FT897] Re: FT-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-19 12:33:53 UTC
From: Jim C
Topic: 25410 Message: 25414

I think that is a good choice. I am using the Yaesu fp 1030 power
supply and I like it right well. I also bought a set of batteries from

http://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=2205&SSAID=204502

for about $70 but haven't had a chance to use it.

Hank wrote:
>
> I'm glad to hear someone mention that they like the FT-Meter. I have
> been trying to decide if I want to get one, and didn't know if it did
> everything or if it was accurate. I decided on the LDG AT-897 over the
> FC-30, and I'm very happy with it.
>
> de KB4MTO / Hank
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Carl
> Wulfestieg" <ag4ls@...> wrote:
> >
> > Eric-
> > First, the FT-30 internal power supply is fine - I've had mine for
> five years - no problems, no excess heat, no noise. Just remember,
> when you turn the transceiver on, first turn on the power supply
> (switch on the rear of the power supply) {Note: You can find the
> switch by "feel" once you learn where it is}, then turn on the
> transceiver (switch on the front of the transceiver). Then, when you
> turn the transceiver off, first turn off the transceiver, then turn
> off the power supply.
> >
> > You didn't ask about this but I'll mention it anyway. Check out the
> FT-Meter. I have one and it's the best $45 I ever spent. (radio wise)
> It is an analog meter designed especially for the FT-897. Takes all
> the guesswork out of trying to understand the built-in digital meter.
> >
> > Go to: http://www.w4rt.com <http://www.w4rt.com>
> >
> > It is illuminated without using a light bulb or Power Module. It
> plugs into the jack on the bottom of the FT-897/D, 2.5" from the right
> edge, near the front. You set what you want the meter to read by using
> Menu 60 (when receiving) and Menu 61 (when transmitting).
> >
> > 73 Carl WZ4CW, SKCC 918, FISTS 13491
> > P.S. For those into CW, check out Straight Key Century Club
> http://www.skccgroup.com <http://www.skccgroup.com>
> >
> > [Non-text portions of this message have been removed]

> >
>
>

25415. Re: [FT897] Re: FT-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-19 13:24:42 UTC
From: Larry D. Barr
Topic: 25410 Message: 25415

The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner and one without. The second radio uses the LDG Z-100 tuner. I have the FT-Meter connected to the one with the tuner and am going to get another meter for the other radio. It's become a "must-have" accessory.

73,
ldb
K5WLF

Hank wrote:
> I'm glad to hear someone mention that they like the FT-Meter. I have
> been trying to decide if I want to get one, and didn't know if it did
> everything or if it was accurate. I decided on the LDG AT-897 over
> the FC-30, and I'm very happy with it.
>
> de KB4MTO / Hank

25416. FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-19 14:57:01 UTC
From: Jim C
Topic: 25410 Message: 25416

What can you see on the FT meter that you can't see on the screen?

Larry D. Barr wrote:
>
> The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> and one without. The second radio uses the LDG Z-100 tuner. I have the
> FT-Meter connected to the one with the tuner and am going to get another
> meter for the other radio. It's become a "must-have" accessory.
>
> 73,
> ldb
> K5WLF
>
> Hank wrote:
> > I'm glad to hear someone mention that they like the FT-Meter. I have
> > been trying to decide if I want to get one, and didn't know if it did
> > everything or if it was accurate. I decided on the LDG AT-897 over
> > the FC-30, and I'm very happy with it.
> >
> > de KB4MTO / Hank
>
>

25417. Re: [FT897] FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-19 15:33:08 UTC
From: Chris Baker
Topic: 25410 Message: 25417

its an anologue version of whatever you want to monitor
UK cost approx £42.
built mine via the files here for a fraction of the cost (backround from file, 1mA meter from e bay, box from maplins cable/connector fron junk box)

Thanks

Chris G4LDS

--- On Thu, 19/3/09, Jim C <liteways@...> wrote:

From: Jim C <liteways@...>
Subject: [FT897] FT meter?
To: FT897@yahoogroups.com
Date: Thursday, 19 March, 2009, 2:57 PM

What can you see on the FT meter that you can't see on the screen?

Larry D. Barr wrote:
>
> The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> and one without. The second radio uses the LDG Z-100 tuner. I have the
> FT-Meter connected to the one with the tuner and am going to get another
> meter for the other radio. It's become a "must-have" accessory.
>
> 73,
> ldb
> K5WLF
>
> Hank wrote:
> > I'm glad to hear someone mention that they like the FT-Meter. I have
> > been trying to decide if I want to get one, and didn't know if it did
> > everything or if it was accurate. I decided on the LDG AT-897 over
> > the FC-30, and I'm very happy with it.
> >
> > de KB4MTO / Hank
>
>

[Non-text portions of this message have been removed]

25418. Re: [FT897] FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-19 16:14:32 UTC
From: Jim C
Topic: 25410 Message: 25418

CAn I put something on the FT meter and something different on the rig's screen? or do they have to read the same thing?

Chris Baker wrote:
>
> its an anologue version of whatever you want to monitor
> UK cost approx ?42.
> built mine via the files here for a fraction of the cost (backround
> from file, 1mA meter from e bay, box from maplins cable/connector fron
> junk box)
>
> Thanks
>
> Chris G4LDS
>
> --- On Thu, 19/3/09, Jim C <liteways@...
> <mailto:liteways%40gmail.com>> wrote:
>
> From: Jim C <liteways@... <mailto:liteways%40gmail.com>>
> Subject: [FT897] FT meter?
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Thursday, 19 March, 2009, 2:57 PM
>
> What can you see on the FT meter that you can't see on the screen?
>
> Larry D. Barr wrote:
> >
> > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > FT-Meter connected to the one with the tuner and am going to get another
> > meter for the other radio. It's become a "must-have" accessory.
> >
> > 73,
> > ldb
> > K5WLF
> >
> > Hank wrote:
> > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > been trying to decide if I want to get one, and didn't know if it did
> > > everything or if it was accurate. I decided on the LDG AT-897 over
> > > the FC-30, and I'm very happy with it.
> > >
> > > de KB4MTO / Hank
> >
> >

>
> [Non-text portions of this message have been removed]
>
>

25419. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 17:09:14 UTC
From: Rob - W1AEX
Topic: 25402 Message: 25419

Hi Eric,

I will add my thumbs up for the FP-30B internal supply. It runs cool and quiet and has been trouble-free for the 4 years I have used it. As others have mentioned, as long as you stay with the "B" version you should not have any issues with RF noise. It makes a very neat little HF through UHF "station in a lunchbox" sized package.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "Eric Champine" <champine@...> wrote:
>
> What I want to know is does the FP-30 cool down well and is the fan loud? How do you all like the FP-30 power supply?
> Eric
> KC2TSW
>

25420. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 19:18:21 UTC
From: Danny Loyd
Topic: 25402 Message: 25420

I agree with everyone on the FP-30B internal supply. I have a very limited space in my office/ham shack and the stacked unit of radio and power supply makes it so much easier. Also I have had no problems with heat or noise at all.

Danny Loyd
KE5WDI

_____
From: Rob - W1AEX <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 19, 2009 12:09:14 PM
Subject: [FT897] Re: Question about the FP-30 Power supply.

Hi Eric,

I will add my thumbs up for the FP-30B internal supply. It runs cool and quiet and has been trouble-free for the 4 years I have used it. As others have mentioned, as long as you stay with the "B" version you should not have any issues with RF noise. It makes a very neat little HF through UHF "station in a lunchbox" sized package.

73,

Rob W1AEX

--- In FT897@yahoogroups. com, "Eric Champine" <champine@.. .> wrote:
>
> What I want to know is does the FP-30 cool down well and is the fan loud? How do you all like the FP-30 power supply?
> Eric
> KC2TSW
>

[Non-text portions of this message have been removed]

25421. Re: [FT897] FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-19 19:15:05 UTC
From: Danny Loyd
Topic: 25410 Message: 25421

The FT meter is independent of the rig's screen. You can have SWR on the transmit side of the meter and show power out on the rig's screen. It a lot easier to read the SWR on the FT meter than on the rig's screen.

Danny Loyd
KE5WDI

From: Jim C <liteways@...m>
To: FT897@yahoogroups.com
Sent: Thursday, March 19, 2009 11:14:32 AM
Subject: Re: [FT897] FT meter?

CAn I put something on the FT meter and something different on the rig's screen? or do they have to read the same thing?

Chris Baker wrote:
>
> its an anologue version of whatever you want to monitor
> UK cost approx £42.
> built mine via the files here for a fraction of the cost (backround
> from file, 1mA meter from e bay, box from maplins cable/connector fron
> junk box)
>
> Thanks
>
> Chris G4LDS
>
> --- On Thu, 19/3/09, Jim C <liteways@gmail. com
> <mailto:liteways% 40gmail.com> > wrote:
>
> From: Jim C <liteways@gmail. com <mailto:liteways% 40gmail.com> >
> Subject: [FT897] FT meter?
> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> Date: Thursday, 19 March, 2009, 2:57 PM
>
> What can you see on the FT meter that you can't see on the screen?
>
> Larry D. Barr wrote:
> >
> > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > FT-Meter connected to the one with the tuner and am going to get another
> > meter for the other radio. It's become a "must-have" accessory.
> >
> > 73,

> > ldb
> > K5WLF
> >
> > Hank wrote:
> > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > been trying to decide if I want to get one, and didn't know if it did
> > > everything or if it was accurate. I decided on the LDG AT-897 over
> > > the FC-30, and I'm very happy with it.
> > >
> > > de KB4MTO / Hank
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

25422. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 20:25:38 UTC
From: Eric Champine
Topic: 25402 Message: 25422

Hey all.
Thanks for all the responses. At first I was going to use the 897D as a portable rig and that is why I had the external Astron power supply. I was thinking that I could put the batteries in it just in case there was a power outage or I wanted to go portable but I have a very good HT (Yaesu VX-7R) and now I just got the Yaesu FT-817ND. Both can be used for portable use now so I don't have to unhook all the wires in my shack and upset everything. I have got very use to it as my base rig and I want to keep it that way now. Putting in the internal power supply (FP-30b) is going to clean up wires and space in my shack so I can make room for other stuff. I guess my biggest worries was the heat. I use the rig allot and I didn't want the heat to effect the radio. From all the replies I now know that heat will not be a problem and I thank you all.
As far as the FT-Meter goes, I love the thing. I kind of wish they would come up with some sort of tap that would go in between the power supply end of the plug-in and the radio end of the plug so you could use the light on the FT-Meter. Some day I may try to make one but hope some one else with better knowledge does it first so I don't have to take any risks with my rig.
Next I want to get the LDG AT-897 autotuner. IMO this is an awesome rig and I am very happy with it.
Once again thanks all for the replies. 73s

Eric
KC2TSW

25423. OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-19 23:03:21 UTC
From: Tom
Topic: 25423 Message: 25423

OK, I am a bit confused about how to set the display bar graph on the 897D to read for SWR. I might be suffering from owner's "manual overload", or maybe I'm just too dumb to understand, but is it simply a matter of setting the option through the main menu...or is there more to it? Having read the manual a few times it seems that there is a menu choice to be set as well as an additional setting you have to make with the "A" "B" "C" items on the bottom of the display as well. I might be wrong about this, however.(?)
Also...once you have the bar graph set to display SWR, how do you interpret what the SWR reading is as displayed? There doesn't seem to be anything in the user's manual that tells you how to read / interpret the bar graph...? (i.e. 1 bar = 1.1swr, etc?)
My apologies if this question seems pretty dumb. Like I said, I just might be suffering from "manual overload!" :)
Thanks in advance for the replies!!

25424. Re: FT-30 Power Supply

Yahoo group: FT897 (2009)
Date: 2009-03-20 00:16:00 UTC
From: tenorman1952
Topic: 25410 Message: 25424

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I'm glad to hear someone mention that they like the FT-Meter. I have been trying to decide if I want to get one, and didn't know if it did everything or if it was accurate. I decided on the LDG AT-897 over the FC-30, and I'm very happy with it.
>
> de KB4MTO / Hank

Put me down as another with the FP-30 (runs cool, no noise problems), the FT Meter (MUCH easier to read), and LDG AT-897.

The LDG tuner tunes up almost anything. It isn't able to tune my 75/40/20 meter multidipole on 160 meters, but then, I would not expect it to.

This all makes for a very compact package. I certainly like it.

Paul
AE5JU

25425. Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-20 01:34:02 UTC
From: Danny Loyd
Topic: 25423 Message: 25425

Tom,

Just looked at the book and the way you set up the bar graph for the SWR reading is as follow:

Press the F button for a very short period until the MF indicator comes up on the left lower corner of the bar graph. Then you turn the mem/VFO knob until the MTR comes up on the graph. This will be MFi on the left side of the graph. Then you press the A button until the desired function appears above the B button. Then you press the F button for a second to safe the sitting.

Danny
KE5WDI

From: Tom <kerryguy7@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 19, 2009 6:03:21 PM
Subject: [FT897] OK...I'm a bit confused. Can anyone explain...

OK, I am a bit confused about how to set the display bar graph on the 897D to read for SWR. I might be suffering from owner's "manual overload", or maybe I'm just too dumb to understand, but is it simply a matter of setting the option through the main menu...or is there more to it? Having read the manual a few times it seems that there is a menu choice to be set as well as an additional setting you have to make with the "A" "B" "C" items on the bottom of the display as well. I might be wrong about this, however.(?)
Also...once you have the bar graph set to display SWR, how do you interpret what the SWR reading is as displayed? There doesn't seem to be anything in the user's manual that tells you how to read / interpret the bar graph...? (i.e. 1 bar = 1.1swr, etc?)
My apologies if this question seems pretty dumb. Like I said, I just might be suffering from "manual overload!" :)
Thanks in advance for the replies!!

[Non-text portions of this message have been removed]

25426. Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-20 01:02:00 UTC
From: Carl Wulfestieg
Topic: 25423 Message: 25426

I forgot to mention the really simple answer. Go to W4RT, buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25427. Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-20 00:51:07 UTC
From: Carl Wulfestieg
Topic: 25423 Message: 25427

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "FILES"
Search for Message 5278 - You'll find more than you ever wanted to know! LOL Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

25428. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 01:44:06 UTC
From: ke7hge
Topic: 25402 Message: 25428

I will second the LDG A-897 autotuner. I bought an FC-30 with my 897d, and it works quite well with an antenna that is close to resonance, but not too well with an antenna that is too far out of tune. The LDG A-897 autotuner is much more versatile. At times I wish I had gone with the LDG AT-1000 Pro.
73
Ken / ke7hge
Anyone wanna FC-30?

----- Original Message -----
From: "Eric Champine" <champine@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, March 19, 2009 1:25 PM
Subject: [FT897] Re: Question about the FP-30 Power supply.

> Hey all.
> Thanks for all the responses. At first I was going to use the 897D as a
> portable rig and that is why I had the external Astron power supply. I was
> thinking that I could put the batteries in it just in case there was a
> power outage or I wanted to go portable but I have a very good HT (Yaesu
> VX-7R) and now I just got the Yaesu FT-817ND. Both can be used for
> portable use now so I don't have to unhook all the wires in my shack and
> upset everything. I have got very use to it as my base rig and I want to
> keep it that way now. Putting in the internal power supply (FP-30b) is
> going to clean up wires and space in my shack so I can make room for other
> stuff. I guess my biggest worries was the heat. I use the rig allot and I
> didn't want the heat to effect the radio. From all the replies I now know
> that heat will not be a problem and I thank you all.
> As far as the FT-Meter goes, I love the thing. I kind of wish they would
> come up with some sort of tap that would go in between the power supply
> end of the plug-in and the radio end of the plug so you could use the
> light on the FT-Meter. Some day I may try to make one but hope some one
> else with better knowledge does it first so I don't have to take any risks
> with my rig.
> Next I want to get the LDG AT-897 autotuner. IMO this is an awesome rig
> and I am very happy with it.
> Once again thanks all for the replies. 73s
>
> Eric
> KC2TSW

25429. Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-20 02:15:26 UTC
From: Gary Altig
Topic: 25423 Message: 25429

DE N7UVL,
If I understood the Original Question, I think he ment
how many "Bars" equate to what actual Ratio./ga

----- Original Message -----
From: Danny Loyd<mailto:ke5wdi@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, March 19, 2009 6:34 PM
Subject: Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Tom,

Just looked at the book and the way you set up the bar graph for the SWR reading is as follow:

Press the F button for a very short period until the MF indicator comes up on the left lower corner of the bar graph. Then you turn the mem/VFO knob until the MTR comes up on the graph. This will be MFi on the left side of the graph. Then you press the A button until the desired function appears above the B button. Then you press the F button for a second to safe the sitting.

Danny
KE5WDI

From: Tom <kerryguy7@...<mailto:kerryguy7%40yahoo.com>>
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Sent: Thursday, March 19, 2009 6:03:21 PM
Subject: [FT897] OK...I'm a bit confused. Can anyone explain...

OK, I am a bit confused about how to set the display bar graph on the 897D to read for SWR. I might be suffering from owner's "manual overload", or maybe I'm just too dumb to understand, but is it simply a matter of setting the option through the main menu...or is there more to it? Having read the manual a few times it seems that there is a menu choice to be set as well as an additional setting you have to make with the "A" "B" "C" items on the bottom of the display as well. I might be wrong about this, however.(?)
Also...once you have the bar graph set to display SWR, how do you interpret what the SWR reading is as displayed? There doesn't seem to be anything in the user's manual that tells you how to read / interpret the bar graph...? (i.e. 1 bar = 1.1swr, etc?)
My apologies if this question seems pretty dumb. Like I said, I just might be suffering from "manual overload!" :)
Thanks in advance for the replies!!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25430. Test 1 of 2

Yahoo group: FT897 (2009)
Date: 2009-03-20 06:10:52 UTC
From: ke7hge
Topic: 25430 Message: 25430

Sorry to bother you with this, but my ISP made an adjustment to my email address and I am trying to get it to work with Yahoo Groups.
73
Ken
ke7hge
Carpe Ductum (Seize the Duct Tape)

[Non-text portions of this message have been removed]

25431. Re: [FT897] FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-20 03:42:27 UTC
From: customgraphics!
Topic: 25410 Message: 25431

i like the disciminator meter (only available on the external output (dunno why)) to tune the fm signals in & use it for:

the newbies dunno the standard freqs for simplex and land on oddballs like 146.525

sometimes ppl are 5kc off cause they left their 5kc button on

sometimes radios drift off & you can alert ppl to this & even line-'em-back-up over the air

carl WB9YBI

----- Original Message -----
From: "Jim C" <liteways@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, March 19, 2009 9:57 AM
Subject: [FT897] FT meter?

> What can you see on the FT meter that you can't see on the screen?
>
> Larry D. Barr wrote:
> >
> > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > FT-Meter connected to the one with the tuner and am going to get another
> > meter for the other radio. It's become a "must-have" accessory.
> >
> > 73,
> > ldb
> > K5WLF
> >
> > Hank wrote:
> > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > been trying to decide if I want to get one, and didn't know if it did
> > > everything or if it was accurate. I decided on the LDG AT-897 over
> > > the FC-30, and I'm very happy with it.
> > >
> > > de KB4MTO / Hank
> >
> >
>

25432. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 11:48:53 UTC
From: Jim C
Topic: 25402 Message: 25432

I got the AT0200 PRO and I'm happy with it because I can use it on
other radios too.

ke7hge wrote:
>
> I will second the LDG A-897 autotuner. I bought an FC-30 with my 897d, and
> it works quite well with an antenna that is close to resonance, but
> not too
> well with an antenna that is too far out of tune. The LDG A-897
> autotuner is
> much more versatile. At times I wish I had gone with the LDG AT-1000 Pro.
> 73
> Ken / ke7hge
> Anyone wanna FC-30?
>
> ----- Original Message -----
> From: "Eric Champine" <champine@... <mailto:champine%40gmail.com>>
> To: <FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>>
> Sent: Thursday, March 19, 2009 1:25 PM
> Subject: [FT897] Re: Question about the FP-30 Power supply.
>
> > Hey all.
> > Thanks for all the responses. At first I was going to use the 897D as a
> > portable rig and that is why I had the external Astron power supply.
> I was
> > thinking that I could put the batteries in it just in case there was a
> > power outage or I wanted to go portable but I have a very good HT (Yaesu
> > VX-7R) and now I just got the Yaesu FT-817ND. Both can be used for
> > portable use now so I don't have to unhook all the wires in my shack and
> > upset everything. I have got very use to it as my base rig and I want to
> > keep it that way now. Putting in the internal power supply (FP-30b) is
> > going to clean up wires and space in my shack so I can make room for
> other
> > stuff. I guess my biggest worries was the heat. I use the rig allot
> and I
> > didn't want the heat to effect the radio. From all the replies I now
> know
> > that heat will not be a problem and I thank you all.
> > As far as the FT-Meter goes, I love the thing. I kind of wish they would
> > come up with some sort of tap that would go in between the power supply
> > end of the plug-in and the radio end of the plug so you could use the
> > light on the FT-Meter. Some day I may try to make one but hope some one
> > else with better knowledge does it first so I don't have to take any
> risks
> > with my rig.

> > Next I want to get the LDG AT-897 autotuner. IMO this is an awesome rig
> > and I am very happy with it.
> > Once again thanks all for the replies. 73s
> >
> > Eric
> > KC2TSW
>
>

25433. re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 12:56:33 UTC
From: Richard Head, KDØGDV
Topic: 25402 Message: 25433

If you're going to use the 897 as a base (as I do), you might consider the Samlex 1223. It's half the price of the FP30 and the fan never runs--at least it never has in my shack. Totally silent. I'm all about efficiency, silence, and low price--and the Samlex meets all three criteria.

73s
Richard
KDØGDV

[Non-text portions of this message have been removed]

25434. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 13:19:03 UTC
From: Bill Husted
Topic: 25402 Message: 25434

I think it's all about how you plan to use the 897 - I agree with Richard, if you plan to use it as a base station, it makes more sense to get an external power supply for the reasons he stated (I prefer Astron, but - again -that's just preference on my part).

I do use the FP-30 power supply and it works for me because I use the 897d portable - my main rig is a Pro III and it's connected to an Astron power supply.

So, for my use, the idea is of the 897 being a grab and go station to only operate portable from cabins and even the occasional hotel room. Having the power supply built in is a real advantage for me under those circumstances. But sounds as if that isn't your planned use and - like I said - I agree with Richard's e-mail for your use.

Bill, KQ4YA

----- Original Message -----
From: Richard Head, KDØGDV
To: FT897@yahoogroups.com
Sent: Friday, March 20, 2009 8:56 AM
Subject: [FT897] re: Question about the FP-30 Power supply.

If you're going to use the 897 as a base (as I do), you might consider the Samlex 1223. It's half the price of the FP30 and the fan never runs--at least it never has in my shack. Totally silent. I'm all about efficiency, silence, and low price--and the Samlex meets all three criteria.

73s
Richard
KDØGDV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25435. Re: [FT897] OK...I'm a bit confused. Can anyone explain...

Yahoo group: FT897 (2009)
Date: 2009-03-20 14:07:48 UTC
From: D F
Topic: 25423 Message: 25435

You set it with the multi-function display. Read your manual and it will tell you. To get to it you press and release the "F" or "Function" button.

Dennis - N8BMB

From: Tom <kerryguy7@yahoo.com>
To: FT897@yahoogroups.com
Sent: Thursday, March 19, 2009 6:03:21 PM
Subject: [FT897] OK...I'm a bit confused. Can anyone explain...

OK, I am a bit confused about how to set the display bar graph on the 897D to read for SWR. I might be suffering from owner's "manual overload", or maybe I'm just too dumb to understand, but is it simply a matter of setting the option through the main menu...or is there more to it? Having read the manual a few times it seems that there is a menu choice to be set as well as an additional setting you have to make with the "A" "B" "C" items on the bottom of the display as well. I might be wrong about this, however.(?)
Also...once you have the bar graph set to display SWR, how do you interpret what the SWR reading is as displayed? There doesn't seem to be anything in the user's manual that tells you how to read / interpret the bar graph...? (i.e. 1 bar = 1.1swr, etc?)
My apologies if this question seems pretty dumb. Like I said, I just might be suffering from "manual overload!" :)
Thanks in advance for the replies!!

[Non-text portions of this message have been removed]

25436. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 13:22:50 UTC
From: customgraphics!
Topic: 25402 Message: 25436

for us guys with external power supplies...stuff 'em under the desktop somewhere (add a shelf)

it's cooler for the supply closer to the floor

you'll enjoy the extra space on top of the desk

the wires'll be off the back of the desk

the fan noise will be less under the desk

may protect from dust/smoke/pop/coffee/antenna falling across the contacts

----- Original Message -----
From: <Richard Head>; "KD?GDV" <kd0gdv@...>
To: <FT897@yahoogroups.com>
Sent: Friday, March 20, 2009 7:56 AM
Subject: [FT897] re: Question about the FP-30 Power supply.

If you're going to use the 897 as a base (as I do), you might consider the Samlex 1223. It's half the price of the FP30 and the fan never runs--at least it never has in my shack. Totally silent. I'm all about efficiency, silence, and low price--and the Samlex meets all three criteria.

73s
Richard
KD?GDV

[Non-text portions of this message have been removed]

25437. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 15:22:02 UTC
From: kc3vo@aol.com
Topic: 25402 Message: 25437

? If you anticipate a GROWING ham station, and continuing interest, you might do as I did, get a 50 amp adjustable?ASTRON linear power supply, with built-in metering. This supply is very quiet, as it has NO FANS, and being a linear supply, it is also R.F. quiet!? The ability to set a desired voltage and/or maximum amperage output is convenient when servicing, building?or adjusting equipment, or charging batteries. This supply also allows for the simultaneous operation of an amplifier or additional radio(s). --Often, with a radio such as the FT-897, one may desire to add an amplifier for operation on VHF/UHF, and having an extra 25 to 35 amperes available to power the amp is nice! I have the YAESU batteries installed inside my FT-897, and power it from the ASTRON 50 amp. supply at home.73, KC3VO,Bob Curry

[Non-text portions of this message have been removed]

25438. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 14:43:56 UTC
From: Bill Husted
Topic: 25402 Message: 25438

Just one thing - putting any device on the floor actually means more dust in it, not less.

That's because dust is heavier than air and tends to settle toward the floor. For instance, when a desktop computer is placed on the floor, the circulating air from the exhaust system deposits dust really fast on the motherboard.

I doubt that it would be a serious problem and am not arguing against placing the power supply on the floor but since the note I'm responding to suggested there would be less dust I thought it wise to at least address that.

Bill KQ4YA

----- Original Message -----
From: "customgraphics!" <renee.thomas@...>
To: <FT897@yahoogroups.com>
Sent: Friday, March 20, 2009 9:22 AM
Subject: Re: [FT897] re: Question about the FP-30 Power supply.

> for us guys with external power supplies...stuff 'em under the desktop
> somewhere (add a shelf)
>
>
> it's cooler for the supply closer to the floor
>
> you'll enjoy the extra space on top of the desk
>
> the wires'll be off the back of the desk
>
> the fan noise will be less under the desk
>
> may protect from dust/smoke/pop/coffee/antenna falling across the contacts
>
>
> ----- Original Message -----
> From: <Richard Head>; "KD?GDV" <kd0gdv@...>
> To: <FT897@yahoogroups.com>
> Sent: Friday, March 20, 2009 7:56 AM
> Subject: [FT897] re: Question about the FP-30 Power supply.
>
>
> If you're going to use the 897 as a base (as I do), you might consider the
> Samlex 1223. It's half the price of the FP30 and the fan never runs--at
> least it never has in my shack. Totally silent. I'm all about efficiency,

> silence, and low price--and the Samlex meets all three criteria.
>
> 73s
> Richard
> KD?GDV
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

25439. Thanks...!

Yahoo group: FT897 (2009)
Date: 2009-03-20 15:09:38 UTC
From: Tom
Topic: 25439 Message: 25439

Thanks for the help figuring out how to set the SWR meter! It seems as though your explanations were a whole let easier to understand than the 897 user manual was! :) I have it set up now.
Now that I have it set I notice that I am getting anywhere from a 2.1 to a 3.1 (yikes!) SWR reading across the 20 meter band. I'm using a Par Electronics 20 meter end fed antenna. The feed end with the "matchbox" transformer is located about ten feet up BUT under the eaves of my roof BUT only (about) two feet from both my aluminum gutter and my vinyl siding. The rest of the antenna is strung up about twenty five feet through some trees. The close proximity to the gutter and siding MIGHT be the problem BUT it has only started getting higher in the past few days, If the placement of the antenna close to the siding/gutter was an issue, you would think it would have shown up immediately. (Originally I had between a 1.2 and 1.5 throughout the band. I was using a friends watt meter on loan up until about a week ago.) Any ideas?
Tom

25440. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-20 16:56:39 UTC
From: Eric Champine
Topic: 25402 Message: 25440

Hi all.
I do have an external power supply. It is an Astron SS-30M. It is placed in the lower part of my computer desk but space is of a premium. If I was to be able to get rid of the external power supply and be able to add the FP-30 to my radio it would get rid of some wires, that would be a plus and and free up some space so I don't have such a cramped working area. The FP-30 is going to make an ideal setup for me. I may not be taking it places but the hole rig is small and does many thing and that is what I need at this time for the space I have to work with. The biggest thing I needed to know before I purchased the FP-30 is if it stays cool. You all answered my question and made me feel better about the purchase. This pay day I'm going to order one from Ham City unless I find one cheeper from someplace else. Thanks for everyones input. 73s.

Eric
KC2TSW

On Fri, Mar 20, 2009 at 9:43 AM, Bill Husted <bhusted@...> wrote:

> Just one thing - putting any device on the floor actually means more dust
> in
> it, not less.
>
> That's because dust is heavier than air and tends to settle toward the
> floor. For instance, when a desktop computer is placed on the floor, the
> circulating air from the exhaust system deposits dust really fast on the
> motherboard.
>
> I doubt that it would be a serious problem and am not arguing against
> placing the power supply on the floor but since the note I'm responding to
> suggested there would be less dust I thought it wise to at least address
> that.
>
> Bill KQ4YA
>
>
> ----- Original Message -----
> From: "customgraphics!" <renee.thomas@...>
> To: <FT897@...m>
> Sent: Friday, March 20, 2009 9:22 AM
> Subject: Re: [FT897] re: Question about the FP-30 Power supply.
>
>
> > for us guys with external power supplies...stuff 'em under the desktop
> > somewhere (add a shelf)
> >

> >
> > it's cooler for the supply closer to the floor
> >
> > you'll enjoy the extra space on top of the desk
> >
> > the wires'll be off the back of the desk
> >
> > the fan noise will be less under the desk
> >
> > may protect from dust/smoke/pop/coffee/antenna falling across the
> contacts
> >
> >
> > ----- Original Message -----
> > From: <Richard Head>; "KDØGDV" <kd0gdv@yahoo.com>
> > To: <FT897@yahoogroups.com>
> > Sent: Friday, March 20, 2009 7:56 AM
> > Subject: [FT897] re: Question about the FP-30 Power supply.
> >
> >
> > If you're going to use the 897 as a base (as I do), you might consider
> the
> > Samlex 1223. It's half the price of the FP30 and the fan never runs--at
> > least it never has in my shack. Totally silent. I'm all about efficiency,
> > silence, and low price--and the Samlex meets all three criteria.
> >
> > 73s
> > Richard
> > KDØGDV
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

25441. Re: [FT897] Thanks...!-SWR

Yahoo group: FT897 (2009)
Date: 2009-03-20 16:38:37 UTC
From: kc3vo@aol.com
Topic: 25439 Message: 25441

Re:20 meter end-fed SWR--Trees are now GROWING!? The tree is likely to influence your changing SWR, as R.F. characteristics of the tree change as it grows, or becomes wet vs dry. Anything large, that is very near (within 1/4 wavelength) of an antenna is likely to have noticable effect. Often, a tree will LOWER the resonant frequency, so you may see lessSWR at 14.00 than at 14.300----if so, either trim the tree/relocate the antenna, or shorten the antenna to raise the frequency.? (lengthening the antenna will lower its frequency)--try changing the length about 6 inches. 73, KC3VO, Bob Curry

-----Original Message-----
From: Tom <kerryguy7@...>
To: FT897@yahoogroups.com
Sent: Fri, 20 Mar 2009 11:09 am
Subject: [FT897] Thanks...!

Thanks for the help figuring out how to set the SWR meter! It seems as though your explanations were a whole let easier to understand than the 897 user manual was! :) I have it set up now.
Now that I have it set I notice that I am getting anywhere from a 2.1 to a 3.1 (yikes!) SWR reading across the 20 meter band. I'm using a Par Electronics 20 meter end fed antenna. The feed end with the "matchbox" transformer is located about ten feet up BUT under the eaves of my roof BUT only (about) two feet from both my aluminum gutter and my vinyl siding. The rest of the antenna is strung up about twenty five feet through some trees. The close proximity to the gutter and siding MIGHT be the problem BUT it has only started getting higher in the past few days, If the placement of the antenna close to the siding/gutter was an issue, you would think it would have shown up immediately. (Originally I had between a 1.2 and 1.5 throughout the band. I was using a friends watt meter on loan up until about a week ago.) Any ideas?
Tom

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25442. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-21 03:09:08 UTC
From: tenorman1952
Topic: 25402 Message: 25442

--- In FT897@yahoogroups.com, "Eric Champine" <champine@...> wrote:
>
> > As far as the FT-Meter goes, I love the thing. I kind of wish they would come up with some sort of tap that would go in between the power supply end of the plug-in and the radio end of the plug so you could use the light on the FT-Meter.

Eric, I had an old Toshiba computer a/c adapter for a laptop I no longer had. The plug was exactly right to plut into either the FT meter for backlighting or the LDG antenna switch. However, those require 12-14 volts dc, and the a/c adapter puts out 19 vdc.

I spliced in a 7812 voltage regulator chip (TO-220 case), insulated with some heat shrink tubing, and voila!

Paul
AE5JU

25443. RE: [FT897] FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-21 10:52:52 UTC
From: Eric van de Weyer
Topic: 25410 Message: 25443

Hi Jim,

Yes you can. From memory, menus 60 & 61 set the Rx and Tx functions of the external meter.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim C
Sent: Friday, 20 March 2009 03:15
To: FT897@yahoogroups.com
Subject: Re: [FT897] FT meter?

CAn I put something on the FT meter and something different on the rig's screen? or do they have to read the same thing?

Chris Baker wrote:
>
> its an anologue version of whatever you want to monitor
> UK cost approx £42.
> built mine via the files here for a fraction of the cost (backround
> from file, 1mA meter from e bay, box from maplins cable/connector fron
> junk box)
>
> Thanks
>
> Chris G4LDS
>
> --- On Thu, 19/3/09, Jim C <liteways@...
> <mailto:liteways%40gmail.com>> wrote:
>
> From: Jim C <liteways@... <mailto:liteways%40gmail.com>>
> Subject: [FT897] FT meter?
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Thursday, 19 March, 2009, 2:57 PM
>
> What can you see on the FT meter that you can't see on the screen?
>
> Larry D. Barr wrote:
> >
> > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > FT-Meter connected to the one with the tuner and am going to get another
> > meter for the other radio. It's become a "must-have" accessory.
> >

> > 73,
> > ldb
> > K5WLF
> >
> > Hank wrote:
> > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > been trying to decide if I want to get one, and didn't know if it did
> > > everything or if it was accurate. I decided on the LDG AT-897 over
> > > the FC-30, and I'm very happy with it.
> > >
> > > de KB4MTO / Hank
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

Yahoo! Groups Links

25444. Re: [FT897] re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-21 11:33:04 UTC
From: Jim C
Topic: 25402 Message: 25444

THink about it, where do the dust bunnies collect? Under the bed on on
the floor!

Bill Husted wrote:
> Just one thing - putting any device on the floor actually means more dust in
> it, not less.
>
> That's because dust is heavier than air and tends to settle toward the
> floor. For instance, when a desktop computer is placed on the floor, the
> circulating air from the exhaust system deposits dust really fast on the
> motherboard.
>
> I doubt that it would be a serious problem and am not arguing against
> placing the power supply on the floor but since the note I'm responding to
> suggested there would be less dust I thought it wise to at least address
> that.
>
> Bill KQ4YA
>
>
> ----- Original Message -----
> From: "customgraphics!" <renee.thomas@...>
> To: <FT897@yahoogroups.com>
> Sent: Friday, March 20, 2009 9:22 AM
> Subject: Re: [FT897] re: Question about the FP-30 Power supply.
>
>
>
>> for us guys with external power supplies...stuff 'em under the desktop
>> somewhere (add a shelf)
>>
>>
>> it's cooler for the supply closer to the floor
>>
>> you'll enjoy the extra space on top of the desk
>>
>> the wires'll be off the back of the desk
>>
>> the fan noise will be less under the desk
>>
>> may protect from dust/smoke/pop/coffee/antenna falling across the contacts
>>
>>
>> ----- Original Message -----
>> From: <Richard Head>; "KD?GDV" <kd0gdv@...>

>> To: <FT897@yahoogroups.com>
>> Sent: Friday, March 20, 2009 7:56 AM
>> Subject: [FT897] re: Question about the FP-30 Power supply.
>>
>>
>> If you're going to use the 897 as a base (as I do), you might consider the
>> Samlex 1223. It's half the price of the FP30 and the fan never runs--at
>> least it never has in my shack. Totally silent. I'm all about efficiency,
>> silence, and low price--and the Samlex meets all three criteria.
>>
>> 73s
>> Richard
>> KD?GDV
>>
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>> [Non-text portions of this message have been removed]
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25445. Re: FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-21 11:58:26 UTC
From: n8mfn
Topic: 25410 Message: 25445

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:
>The external meter runs off menu 60&61 the meter on the rig works from the a,b,c push buttons on the front .
Rick
N8MFN
> CAn I put something on the FT meter and something different on the rig's
> screen? or do they have to read the same thing?
>
> Chris Baker wrote:
> >
> > its an anologue version of whatever you want to monitor
> > UK cost approx £42.
> > built mine via the files here for a fraction of the cost (backround
> > from file, 1mA meter from e bay, box from maplins cable/connector fron
> > junk box)
> >
> > Thanks
> >
> > Chris G4LDS
> >
> > --- On Thu, 19/3/09, Jim C <liteways@...
> > <mailto:liteways%40gmail.com>> wrote:
> >
> > From: Jim C <liteways@... <mailto:liteways%40gmail.com>>
> > Subject: [FT897] FT meter?
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Date: Thursday, 19 March, 2009, 2:57 PM
> >
> > What can you see on the FT meter that you can't see on the screen?
> >
> > Larry D. Barr wrote:
> > >
> > > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > > FT-Meter connected to the one with the tuner and am going to get another
> > > meter for the other radio. It's become a "must-have" accessory.
> > >
> > > 73,
> > > ldb
> > > K5WLF
> > >
> > > Hank wrote:
> > > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > > been trying to decide if I want to get one, and didn't know if it did
> > > > everything or if it was accurate. I decided on the LDG AT-897 over

> > > > the FC-30, and I'm very happy with it.
> > > >
> > > > de KB4MTO / Hank
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

25446. ft-857 review by radcom april 2003

Yahoo group: FT897 (2009)
Date: 2009-03-17 18:38:13 UTC
From: nask_2000hon
Topic: 25446 Message: 25446

hi,

does anyone have this review? can you post it?
i found a similar for ft-857d and mensions the article on radcom for full review of ft-897

thank you.

25447. Re: Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-18 12:35:06 UTC
From: k4lmp
Topic: 25333 Message: 25447

--- In FT897@yahoogroups.com, Tom Wright <uncleslim@...> wrote:
>
> Hi George,
>
> I own both radios. The 950 is a great radio, the 897 is a good
> radio too, but in my opinion the vhf side leaves a little to be
> desired. If you can afford it, go with the 950. You won't be
> disapointed. The Receiver on the 950 is leaps and bounds ahead of the
> 897.
>
> Best of Luck
>
> Tom de KD8DHH
>
>

I own an 897D, and not a 950, but I did read last night in one of the amateur radio catalogs that the 950 stability is +- 1PPM, and the 897D which has TCXO standard is +- .5 PPM. The 857D is +- 1PPM w/o the TCXO. So in the standard config, it would seem that the 897D is more stable than the 950. Like I said, I don't own a 950, so I don't know anything about it other than what I read. Although I do love my 897D. I enjoy camping and outdoor activities, and this is the radio for me. I also have a large FT-101EX station with many of the original accesories, but still prefer the 897. FWIW.

25448. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 10:01:20 UTC
From: manqu692
Topic: 25402 Message: 25448

> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Eric
> > Champine" <champine@> wrote:
> >
> > I have three 897's and all have the internal power supply. Never a problem.
> > Very quiet. I never did understand why anyone would invest in radio like the
> > 897 and have an external power supply anyway.
> >
> > Larry
> >

Quite simple really...Price of the PSU , Output Power and
potential Heat generated within the radio.
I use an external 40 amp PSU to power other equipment
aswell and was cheaper than the yaesu PSU.
So everyone has a reason to use the 897 in diffenrent configs.
Mine need was, a quality all round radio with a good beefy PSU
and so i have a miss match of equipment cases,but i do love
the radio...

25449. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-21 18:43:10 UTC
From: Fred Campbell
Topic: 25402 Message: 25449

Hello Eric,

I just checked HRO and they have the FP-30 supply for 174.95 as of this morning. Hope this Helps.I just bought an FT-897D, AT-897, FT-Meter and the CT-62 cable. I will probably buy the FP-30 myself. I already have a Astron PS that I was using on my TM-742A tri-bander so I will probably use it to start with on the 897D.

Regards & 73
Fred
W8FLC

--- In FT897@yahoogroups.com, Eric Champine <champine@...> wrote:
>
> Hi all.
> I do have an external power supply. It is an Astron SS-30M. It is placed in
> the lower part of my computer desk but space is of a premium. If I was to be
> able to get rid of the external power supply and be able to add the FP-30 to
> my radio it would get rid of some wires, that would be a plus and and free
> up some space so I don't have such a cramped working area. The FP-30 is
> going to make an ideal setup for me. I may not be taking it places but the
> hole rig is small and does many thing and that is what I need at this time
> for the space I have to work with. The biggest thing I needed to know before
> I purchased the FP-30 is if it stays cool. You all answered my question and
> made me feel better about the purchase. This pay day I'm going to order one
> from Ham City unless I find one cheeper from someplace else. Thanks for
> everyones input. 73s.
>
> Eric
> KC2TSW
>
>
>
>

25450. Re: Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-03-18 18:33:32 UTC
From: John Bucsek
Topic: 25333 Message: 25450

--- In FT897@yahoogroups.com, "ak40f" <ak40f@...> wrote:
>
> I know there is quite a difference but here is my dilemma. The 897D has VHF and is small to take with me when I travel to VA. However, I am not sure I am a fan of all the menus to get things done. The 950 has less menus and more controls, better receiver, but no VHF and is larger to haul. So, if you have had experience with both what do you suggest. I keep thinking I have the HT for VHF and can always go mobile.
>
> Thanks for your thoughts,
> George
> AK4OF
>

I just purchased a FT897D as my first HF rig. I also considered the IC706MkIIG, FT950 and the IC-7000, but decided to go with the FT897D for the following reasons:
- I can add internal batteries to the 897 making it portable for camping and available for use in emergency situations. I wanted portable but didn't really need mobile.
- I like having the VHF/UHF in one radio rather than purchasing a separate VHF/UHF rig. Less stuff to grab in case of an emergency. Also you can work all modes on VHF/UHF with the 8x7 series.
- I can add mechanical filters once I feel I'm to the point where I need them.
- The 897 can work as a mobile, if you have the passenger seat to spare.
- The argument that the 897 has a small display is irrevelent if you use HamRadioDeluxe.

Other pluses:
- The CAT interface along with HamRadioDeluxe is a must have addon. Completely user configurable and eliminates the need to search through menus. Add a RigBlaster or something similar and your good to go with the digital modes.
- If you plan on using an antenna tuner and the CAT port, the LDG-897 tuner allows both.

I'm new to this so I haven't done much with HF yet other than listen. I've been on the air on VHF and UHF with the 897 using the FM and SSB modes and have gotten good signal and readability reports. So I'm happy with the 897 on VHF/UHF.
The portability of the radio was also important in case our ARES group has to deploy.

So basically I'm very pleased with the 897 as my one and only DC to daylight radio. I also think it makes a good rig for a first time buyer thats not afraid of the menu systems necessary on smaller radios.

73, John - KE7WNB

25451. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 23:14:37 UTC
From: maritimus49
Topic: 25402 Message: 25451

Hello All -
I just ordered an FT-897D and FP-30B from Gigaparts today and expect them on Monday. They are offering an extra discount which was irresistible. I have used the FT-897D and FP-30B supply before and found it an amazing and versatile rig that does everything well. The improved internal supply never got hot and I detected no RFI of any kind from it. The whole package, with that robust handle, makes for a great portable rig and a fine home station as well, especially when you have limited space.
I am also in agreement about getting the FT meter and am shopping around for the best price. I also had one before and liked it very much. It is good to be able to monitor power output and SWR at the same time or go to other scales using the menu. I also like that big analog dial and needle. An excellent accessory!

73,
Bruce K6RQR/9

--- In FT897@yahoogroups.com, "Eric Champine" <champine@...> wrote:
>
> Hey all.
> Thanks for all the responses. At first I was going to use the 897D as a portable rig and that is why I had the external Astron power supply. I was thinking that I could put the batteries in it just in case there was a power outage or I wanted to go portable but I have a very good HT (Yaesu VX-7R) and now I just got the Yaesu FT-817ND. Both can be used for portable use now so I don't have to unhook all the wires in my shack and upset everything. I have got very use to it as my base rig and I want to keep it that way now. Putting in the internal power supply (FP-30b) is going to clean up wires and space in my shack so I can make room for other stuff. I guess my biggest worries was the heat. I use the rig allot and I didn't want the heat to effect the radio. From all the replies I now know that heat will not be a problem and I thank you all.
> As far as the FT-Meter goes, I love the thing. I kind of wish they would come up with some sort of tap that would go in between the power supply end of the plug-in and the radio end of the plug so you could use the light on the FT-Meter. Some day I may try to make one but hope some one else with better knowledge does it first so I don't have to take any risks with my rig.
> Next I want to get the LDG AT-897 autotuner. IMO this is an awesome rig and I am very happy with it.
> Once again thanks all for the replies. 73s
>
> Eric
> KC2TSW
>

25452. Portable work with the FT-897D (GPS and locatorsquares)

Yahoo group: FT897 (2009)
Date: 2009-03-19 05:12:53 UTC
From: sm5snf
Topic: 25452 Message: 25452

Hi,
I am to use the FT-897D as a portable rig, in combination with a Pansonic toughbook pc. I wonder if anyone has heard of a locatorsquare program for pc, which one can attach a GPS unit to. It would be nice to have an instant readout of the locator square instead of "translating" it yourself.
73 de SM5SNF

25453. Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-20 17:04:48 UTC
From: m0rjc
Topic: 25453 Message: 25453

My 897 has developed a problem. Depending on which band it is tuned to (the set of bands this occurs in varying from time to time) it will run its fans at full speed and seemingly switch off its receiver circuitry. A strong local broadcast station on FM will be just listenable with other national stations not received. On the HF bands switching between antenna and dummy load makes no audible difference in received audio - as if it's not connected. Pressing the Band Up or Down keys to change band may move to a band that works. Moving back tends to bring back the problem, though this varies.

One thing I want to rule out (or rule in) is the CAT cable. I'm using a CAT cable that is sold as designed for this radio. The open circuit voltage on the data pin was 5V, so it looks like it uses TTL levels. I've not looked at any further tests, for example looking for any evidence of a level shifting circuit that would raise it to 13.8 given the power out from the radio for example, or looked at voltage levels in use.

It looks from posts here as if TTL level is correct for this radio. The CAT interface also worked successfully transferring data each way. The radio is still faulty even with the CAT cable unplugged, even after a Power->Home Key reset.

Thanks

- Richard MØRJC

25454. CAT s/w control

Yahoo group: FT897 (2009)
Date: 2009-03-19 18:59:58 UTC
From: Howard Z.
Topic: 25454 Message: 25454

Hi everyone,

Earlier this year I wrote software to control the Palstar AT-AUTO tuner. Then I added some HRD style radio support for a few ICOM radio models. Then I added support for the LDG AT200PC tuner.

Recently someone in the LDG forum asked for FT897 support. I added some limited support, but now he doesn't seem to want to test it.

I am hoping someone here will be willing to test it and provide feedback. It may take many cycles of emailing me about what is or is not working including debug output, and then my making changes to the software.

The Yaesu FT897 manual is not very clear, and the odds are my s/w does not work as currently written.

Also for now it is coded for 9600 baud only.

Howard
Howard_Z@...
N3ZH

25455. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 19:09:15 UTC
From: John Bucsek
Topic: 25402 Message: 25455

Also, unless you only own 1 radio, you already have a power supply, why add the cost of a power supply and the added weight to every radio.

Realizing that eventually I'll have multiple radios in my shack, an external PS seems to be the best choice.
I use a Samlux SEC-1235M that has enough capacity to connect multiple radios (such as my mobile when I bring it in) at the same time.

I'm also reserving the bay of my 897 for the batteries for portable/emergency use once I can afford them.

And considering emergency use. I believe all ARES/RACES groups have standardized on anderson connectors. So it's best to have your radios setup to use them so you can have easy access to other operators power sources in case of an emergency. A neat solution is to run your PS into a Rigrunner and then just plug your radios into the rigrunner.

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:
>
> They can sell the rig for $100 less if they don't include the power
> supply. It gives them an edge of any company that includes the power supply
>
> John Johnson wrote:
> >
> > Same here. Indeed, I don't understand why 'desktop' radios don't come with
> > internal PSUs as standard these days. The FT-897 I can understand being a
> > flexible format and does have a dedicated optional integrated PSU but
> > anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those
> > are going to be vehicle mounted or used in the field? Obviously some,
> > but a
> > large enough proportion to force us all to have another ugly
> > mismatched box
> > and more wires?
> >
> > JJ
> >
> > G6VZM / 9H4JJ
> >
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> > Behalf Of
> > nr3r15
> > Sent: 19 March 2009 09:06
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: Question about the FP-30 Power supply.
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

> > <mailto:FT897%40yahoogroups.com> , "Eric
> > Champine" <champine@> wrote:
> >
> > I have three 897's and all have the internal power supply. Never a
> > problem.
> > Very quiet. I never did understand why anyone would invest in radio
> > like the
> > 897 and have an external power supply anyway.
> >
> > Larry
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

25456. Re: [FT897] Portable work with the FT-897D (GPS and locator squares)

Yahoo group: FT897 (2009)
Date: 2009-03-21 20:37:00 UTC
From: David Harris
Topic: 25452 Message: 25456

If you can find one of the old Garmin GPS - some had 'Maidenhead' locater
as an option for readout.. My model GPS 12 works fine for that
here's a photo of it in use at Nordcapp, most north Norway.
http://3.bp.blogspot.com/_snzFGO0UiQA/SbsMcBvdZWI/AAAAAAAAAH0/afWM2ayfm6Y/
s1600-h/DSC_4489crop.jpg

73s Dave H G0CER

> It would be nice to have an instant readout of the locator square
> instead of "translating" it yourself.
> 73 de SM5SNF

25457. Re: [FT897] Portable work with the FT-897D (GPS and locator squares)

Yahoo group: FT897 (2009)
Date: 2009-03-21 21:31:52 UTC
From: Peter Robinson
Topic: 25452 Message: 25457

My old GPS-45 had Maidenhead as well. I haven't checked, but I think that the Vistas also have it.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: David Harris
To: FT897@yahoogroups.com
Cc: davekh@...
Sent: Saturday, March 21, 2009 8:37 PM
Subject: Re: [FT897] Portable work with the FT-897D (GPS and locator squares)

If you can find one of the old Garmin GPS - some had 'Maidenhead' locater
as an option for readout.. My model GPS 12 works fine for that
here's a photo of it in use at Nordcapp, most north Norway.
http://3.bp.blogspot.com/_snzFGO0UiQA/SbsMcBvdZWI/AAAAAAAAAH0/afWM2ayfm6Y/
s1600-h/DSC_4489crop.jpg

73s Dave H G0CER

> It would be nice to have an instant readout of the locator square
> instead of "translating" it yourself.
> 73 de SM5SNF

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.237 / Virus Database: 270.11.22/2015 - Release Date: 03/20/09 19:01:00

[Non-text portions of this message have been removed]

25458. Re: [FT897] Portable work with the FT-897D (GPS and locatorsquares)

Yahoo group: FT897 (2009)
Date: 2009-03-21 20:07:03 UTC
From: kc3vo@aol.com
Topic: 25452 Message: 25458

GARMIN has GPS units that directly display Maidenhead Grid Squares--73,
KC3VO-Bob Curry
**********Feeling the pinch at the grocery store? Make dinner for $10 or
less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25459. metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-21 23:49:57 UTC
From: Thomas Meggison
Topic: 25459 Message: 25459

Ok all, got a question that I cannot find an answer too. The screws that hold the little rubber legs on the 897, well I need 4 of them. Long story, but I cannot find out the metric size of the screws OR where to even buy them. I am pretty sure I can get them on line, but I need to know what to ask for. Does anyone know what the size is? Or maybe where to get them. Thanks for any help you can give me.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

[Non-text portions of this message have been removed]

25460. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 00:25:25 UTC
From: Lew Phelps K6LMP
Topic: 25459 Message: 25460

McMaster Carr (www.McMaster.com)

carries every imaginable threaded product on the market. My radio and I are not at home until tomorrow evening, but when I get home I can pull one of the screws and measure it, if nobody beats me to it. ;-)

another excellent source of threaded products is www.boltdepot.com

both should have what you need; I would order from whomever is cheapest, counting shipping.

Lew K6MP

On Mar 21, 2009, at 4:49 PM, Thomas Meggison wrote:

> Ok all, got a question that I cannot find an answer too. The screws
> that hold the little rubber legs on the 897, well I need 4 of them.
> Long story, but I cannot find out the metric size of the screws OR
> where to even buy them. I am pretty sure I can get them on line, but
> I need to know what to ask for. Does anyone know what the size is?
> Or maybe where to get them. Thanks for any help you can give me.
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@...
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

25461. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 00:37:23 UTC
From: DALE BLANCHARD
Topic: 25459 Message: 25461

I get mine at the hardware store. That is what is there for.
dale
----- Original Message -----
From: "Thomas Meggison" <meggi@...>
To: "FT897 Moderator" <FT897@yahoogroups.com>
Sent: Saturday, March 21, 2009 4:49:57 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] metric screws

Ok all, got a question that I cannot find an answer too. The screws
that hold the little rubber legs on the 897, well I need 4 of them.
Long story, but I cannot find out the metric size of the screws OR
where to even buy them. I am pretty sure I can get them on line, but
I need to know what to ask for. Does anyone know what the size is?
Or maybe where to get them. Thanks for any help you can give me.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25462. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:09:44 UTC
From: Carl Wulfestieg
Topic: 25459 Message: 25462

Yes, McMaster-Carr sells almost every screw known to man - on some items, they'll even "break the box" so you can buy a few rather than a box of 100. However, there is a source closer - try Lowe's in their hardware section - they have metric screws.

Now, as to size - I'm going to guess you mean the four little legs on the left side? (the side opposite the handle?)
I'm looking at one now. I can't tell you the metric size because Lowe's is closed now. The thread OD is a little less than 1/8 inch - so it's about the size of a number 4 screw except it's metric. The length is 9/32 inch. It's a pan-head Phillips screw. Now here's the bad news - it looks like it's a "shoulder" screw with a 3/32 shoulder. In other words, the threads stop 3/32 inch from the head. If you want this exact same screw, I'm guessing that Yaesu will be the only source. If you don't want to be perfect, then get four screws that are Pan Head, Phillips, the metric size that's close to number 4 screw, and 9/32 inch long. Someone else may be able to tell you the real metric size. Good luck!

73 Carl WZ4CW

[Non-text portions of this message have been removed]

25463. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:25:42 UTC
From: kc3vo@aol.com
Topic: 25459 Message: 25463

Try 3mm screws, do not get them too long! If excessively long, they may damage the radio.-73, KC3VO, Bob Curry------(Take the radio part to the store with you, to try the screw, and be SURE of correct diameter and thread pitch)
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25464. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:48:28 UTC
From: Carl Wulfestieg
Topic: 25459 Message: 25464

Yes, it probably is a 3mm screw. That would be 0.118 inch which is slightly bigger than a #4 screw. That would mean you're looking for a Pan Head, Philips, M3 x 6mm long. Good Luck!!
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25465. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:45:47 UTC
From: Thomas Meggison
Topic: 25459 Message: 25465

Yes that is true, many metric screws, but none that small.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

On Mar 21, 2009: 8:37 PM, at Mar 21, 2009: 8:37 PM, DALE BLANCHARD
wrote:

> I get mine at the hardware store. That is what is there for.
> dale
> ----- Original Message -----
> From: "Thomas Meggison" <meggi@...>
> To: "FT897 Moderator" <FT897@yahoogroups.com>
> Sent: Saturday, March 21, 2009 4:49:57 PM GMT -08:00 US/Canada Pacific
> Subject: [FT897] metric screws
>
> Ok all, got a question that I cannot find an answer too. The screws
> that hold the little rubber legs on the 897, well I need 4 of them.
> Long story, but I cannot find out the metric size of the screws OR
> where to even buy them. I am pretty sure I can get them on line, but
> I need to know what to ask for. Does anyone know what the size is?
> Or maybe where to get them. Thanks for any help you can give me.
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@...
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

25466. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:30:14 UTC
From: Carl Wulfestieg
Topic: 25459 Message: 25466

I think the problem is that he doesn't have the screws (long story) to use as a comparison - that's why he's asking. ??
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25467. Re: CAT s/w control

Yahoo group: FT897 (2009)
Date: 2009-03-22 02:13:58 UTC
From: kc9ipv
Topic: 25454 Message: 25467

What development language do you use? I'd be happy to send you some examples in VB or C it's a pretty straight forward interface. I'd be hesitant to test since if your not sure you understand you could reset the radio.

Mike kc9ipv

--- In FT897@yahoogroups.com, "Howard Z." <Howard_Z@...> wrote:
>
> Hi everyone,
>
> Earlier this year I wrote software to control the Palstar AT-AUTO tuner. Then I added some HRD style radio support for a few ICOM radio models. Then I added support for the LDG AT200PC tuner.
>
> Recently someone in the LDG forum asked for FT897 support. I added some limited support, but now he doesn't seem to want to test it.
>
> I am hoping someone here will be willing to test it and provide feedback. It may take many cycles of emailing me about what is or is not working including debug output, and then my making changes to the software.
>
> The Yaesu FT897 manual is not very clear, and the odds are my s/w does not work as currently written.
>
> Also for now it is coded for 9600 baud only.
>
> Howard
> Howard_Z@...
> N3ZH
>

25468. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 02:30:30 UTC
From: Carl Wulfestieg
Topic: 25459 Message: 25468

OK - I'm looking in my McMaster-Carr Catalog. If you need M3 x 6 screws, they have them. I have an old catalog so I can't tell prices.
Maybe you could check with Yaesu to be sure the screw really is a M3 x 6.

Pan Head Phillips
18-8 Stainless Steel (Metric)
M3 x 6
Part No. 92000A116 Box 100

Metric Pan Head Phillips
Zinc-Plated Steel (Metric)
M3 x 6
Part No. 92005A116 Box 100

McMaster-Carr
New York City - Philadelphia Distribution Center
473 Ridge Rd.
Dayton, NJ 08810-0317

(908) 329-3200

Old Catalog - Part Numbers, address, phone numbers could be changed.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

25469. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 01:48:42 UTC
From: Thomas Meggison
Topic: 25459 Message: 25469

Thank you for the help, I will try Lows tomorrow. I checked in Home Depot and they did not have that small a size. Thanks again everyone.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

On Mar 21, 2009: 9:25 PM, at Mar 21, 2009: 9:25 PM, kc3vo@... wrote:

> Try 3mm screws, do not get them too long! If excessively long, they
> may
> damage the radio.-73, KC3VO, Bob Curry------(Take the radio part to
> the store
> with you, to try the screw, and be SURE of correct diameter and
> thread pitch)
> **********Feeling the pinch at the grocery store? Make dinner
> for $10 or
> less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

25470. the metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 02:44:01 UTC
From: Thomas Meggison
Topic: 25470 Message: 25470

Thank you all for the great help, finding out the screw is an M3 X 6mm
really helps.
I will be able to order them now. Oh I did send an email to Yaesu a
couple of days ago and no answer so far.
Thanks again
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

[Non-text portions of this message have been removed]

25471. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 02:52:43 UTC
From: kc3vo@aol.com
Topic: 25459 Message: 25471

I have found them here at STROSNIDERS hardware stores, in Maryland, near Washuington, D.C.- they even have some metric screws SMALLER than that! --73, KC3VO-Bob Curry
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25472. Re: [FT897] Re: FT meter?

Yahoo group: FT897 (2009)
Date: 2009-03-22 03:57:52 UTC
From: Jim Webster
Topic: 25410 Message: 25472

They do not have to be the same.
Jim KI6PYZ

From: n8mfn <n8mfn@...>
To: FT897@yahoogroups.com
Sent: Saturday, March 21, 2009 4:58:26 AM
Subject: [FT897] Re: FT meter?

--- In FT897@yahoogroups. com, Jim C <liteways@.. .> wrote:
>The external meter runs off menu 60&61 the meter on the rig works from the a,b,c push buttons on the front .
Rick
N8MFN
> CAn I put something on the FT meter and something different on the rig's
> screen? or do they have to read the same thing?
>
> Chris Baker wrote:
> >
> > its an anologue version of whatever you want to monitor
> > UK cost approx £42.
> > built mine via the files here for a fraction of the cost (backround
> > from file, 1mA meter from e bay, box from maplins cable/connector fron
> > junk box)
> >
> > Thanks
> >
> > Chris G4LDS
> >
> > --- On Thu, 19/3/09, Jim C <liteways@.. .
> > <mailto:liteways% 40gmail.com> > wrote:
> >
> > From: Jim C <liteways@.. . <mailto:liteways% 40gmail.com> >
> > Subject: [FT897] FT meter?
> > To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> > Date: Thursday, 19 March, 2009, 2:57 PM
> >
> > What can you see on the FT meter that you can't see on the screen?
> >
> > Larry D. Barr wrote:
> > >
> > > The FT-Meter is great. I have two FT-897Ds, one with the AT-897 tuner
> > > and one without. The second radio uses the LDG Z-100 tuner. I have the
> > > FT-Meter connected to the one with the tuner and am going to get another
> > > meter for the other radio. It's become a "must-have" accessory.

> > >
> > > 73,
> > > ldb
> > > K5WLF
> > >
> > > Hank wrote:
> > > > I'm glad to hear someone mention that they like the FT-Meter. I have
> > > > been trying to decide if I want to get one, and didn't know if it did
> > > > everything or if it was accurate. I decided on the LDG AT-897 over
> > > > the FC-30, and I'm very happy with it.
> > > >
> > > > de KB4MTO / Hank
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

[Non-text portions of this message have been removed]

25473. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 04:28:06 UTC
From: Larry D. Barr, K5WLF
Topic: 25459 Message: 25473

I can't guarantee that all of them are as good as ours, but ACE Hardware here in my little town has a great selection of metric hardware. They wouldn't even care if you took the radio in to make sure you got the right screws.

73,
ldb
K5WLF

kc3vo@... wrote:
> I have found them here at STROSNIDERS hardware stores, in Maryland, near
> Washuington, D.C.- they even have some metric screws SMALLER than that! --73,
> KC3VO-Bob Curry

25474. Re: [FT897] Portable work with the FT-897D (GPS and locator squares)

Yahoo group: FT897 (2009)
Date: 2009-03-22 04:34:19 UTC
From: Geoff Blake
Topic: 25452 Message: 25474

On Sat, 21 Mar 2009, Peter Robinson wrote:

> My old GPS-45 had Maidenhead as well. I haven't checked, but I think
> that the Vistas also have it.

Certainly my basic Etrek has - but to six character resolution only.

73 Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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its attachments to any third party without the prior consent
of the sender.

25475. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 10:19:12 UTC
From: Jeff
Topic: 25459 Message: 25475

----- Original Message -----
From: "Thomas Meggison" <meggi@...>
To: "FT897 Moderator" <FT897@yahoogroups.com>
Sent: Saturday, March 21, 2009 11:49 PM
Subject: [FT897] metric screws

>
> Ok all, got a question that I cannot find an answer too. The screws
> that hold the little rubber legs on the 897, well I need 4 of them.
> Long story, but I cannot find out the metric size of the screws OR
> where to even buy them. I am pretty sure I can get them on line, but
> I need to know what to ask for. Does anyone know what the size is?
> Or maybe where to get them. Thanks for any help you can give me.
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@...
>

The description in the service manual is "Binding Head Screw M3X7B"

Regards
Jeff

25476. Re: [FT897] RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-16 02:37:45 UTC
From: Shane Wolfe
Topic: 25371 Message: 25476

Jim,

Thanks! I actually came across that article a few weeks ago. I *am*
getting some RF in the shack... I've found that Apple multi-button
mice are REALLY susceptible to RFI around 80m (the "3rd" button switch
kicks on and off by itself when xmitting.).

The counterpoise is the next easiest thing to try, so I'll keep you
all posted.

-Shane
KV3SPA

On Mar 15, 2009, at 10:22 PM, Jim wrote:

> Read this and give it a try
>
> http://www.hamuniverse.com/grounding.html
>
> Here is an excerpt.
>
> *We could not tune the antenna on most frequencies and we kept getting
> zapped from the radio or microphone when we transmitted. Also, our
> signal reports were lousy. SO, after consulting some experts, I added
> 250 feet of counterpoise around the building consisting of some bare 6
> gauge copper wire I had. The radio was on while I rolled it out and a
> friend was listening to the broadcast on 40 meters, (OK it was night
> time---best time to do antenna work right!) Anyway he reported the
> broadcast was only about S 4-5 on meter. As I rolled out the
> counterpoise it rose to 40 over S9 and came in much clearer. We were
> able to tune everything easily now and SWR was rock stable. When we
> did
> a signal test, the station we had talked to before accused us of
> running
> a contest amplifier. We could not convince them it was only 100 watts,
> same as before and the same antenna! *
>
> Shane Wolfe wrote:
> >
> > Greetings all,
> >
> > I picked up an FT-897D last October when I joined Army MARS.
> > Everything has been working great except for the level of noise
> found
> > at or around 80/75m. On a good night, the level of noise is sitting

> > at S9 or S8. This has been consistent since purchasing the rig in
> > October. The noise is just static and there doesn't seem to be any
> > discerning characteristics that I can attribute to any particular
> > source, making this a bit hard to troubleshoot (and sometimes very
> > frustrating). The radio is almost unusable at the aforementioned
> > frequencies.
> >
> > My setup:
> >
> > FT-897D and all other station equipment share a common ground point
> > (1/2 inch braid) to the ground lug on an MFJ-949E Versa Tuner. The
> > 949e is grounded by 1/2" braid the the grounding lug on an MFJ
> window
> > passthru panel. I have three antennas connected to the passthru, all
> > sharing a common ground at that point.
> >
> > The panel is tied to a copper clad rod right outside the window via
> > 1/2in braid. I have another ground rod 15 feet away with a run of
> the
> > #6 solid copper wire buried 1/2in under mulch from the rod next to
> the
> > window.
> >
> > Antennas:
> > Carolina Windom 160 Special
> > B&W Folded Dipole (65ft version).
> >
> > Both antennas yield the very similar static/noise issues, though
> it's
> > a little better on the B&W (1 S unit down in noise).
> >
> > I've eliminated almost all of the devices in my house as the culprit
> > by going through each breaker while running the radio off of battery
> > power. Same results...
> >
> > Would running a radial the same length as the Windom (130 feet) of
> #6
> > wire around the house (ultimately tied to the panel) help at all?
> > Anyone out there using a similar setup?
> >
> > I understand that my location will have lots to do with this (I DO
> > live in a suburb of Baltimore/DC), but at least two other operators
> > that are close to be do not report the same noise problems with
> > similar setups.
> >
> > Any thoughts or ideas are GREATLY appreciated.
> >
> > Shane
> > KV3SPA (MARS AAR3EA).
> >

> >
>
>

[Non-text portions of this message have been removed]

25477. RE: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-19 12:19:32 UTC
From: John Johnson
Topic: 25402 Message: 25477

The edge being a product that doesn't work out of the box versus one that does? If we're smart enough to pass the licence exams we should be smart enough to do simple arithmetic and not fall for that ploy.

Your argument should apply to other devices but looking round me I see a computer with an internal PSU, and likewise a television, a satellite box, a hi-fi system, a clock radio etc. Even stuff with external supplies like the Xbox and the Mac Mini came with a supply and it's in a matching style. Yaesu? Sure, you can have a speaker and DMU to match your FT-2000 or FT-900 but a PSU? Sorry, here's an ugly metal box with screw terminals that will give your partner more ammunition for banishing you from the house.

JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim C
Sent: 19 March 2009 11:55
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Question about the FP-30 Power supply.

They can sell the rig for $100 less if they don't include the power supply. It gives them an edge of any company that includes the power supply

John Johnson wrote:
>
> Same here. Indeed, I don't understand why 'desktop' radios don't come with
> internal PSUs as standard these days. The FT-897 I can understand being a
> flexible format and does have a dedicated optional integrated PSU but
> anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those
> are going to be vehicle mounted or used in the field? Obviously some,
> but a
> large enough proportion to force us all to have another ugly
> mismatched box
> and more wires?
>
> JJ
>
> G6VZM / 9H4JJ
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> nr3r15
> Sent: 19 March 2009 09:06

> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: Question about the FP-30 Power supply.
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> , "Eric
> Champine" <champine@...> wrote:
>
> I have three 897's and all have the internal power supply. Never a
> problem.
> Very quiet. I never did understand why anyone would invest in radio
> like the
> 897 and have an external power supply anyway.
>
> Larry
>
> [Non-text portions of this message have been removed]
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>

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25478. RE: [FT897] Re: Programming Question

Yahoo group: FT897 (2009)
Date: 2009-03-16 20:20:02 UTC
From: Adam Karsin
Topic: 25385 Message: 25478

Sorry I should have said I have the ADMS software, that is what I am having a little issue with.

Adam

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Larry D. Barr
Sent: Monday, March 16, 2009 16:00
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Programming Question

http://www.rtsystem
<http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B>
sinc.com/yaesu_Template.cfm?yaesupage=ADMS4B

That's the software I use. It's outstanding.

73,
ldb
K5WLF

Stewart Nelson wrote:
> I believe there is a computer program that will let you do this very
> easily. It is the 857/897 programmer. After you have used it one
> time you will never want to go back again.
>
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Adam Karsin" <akarsin@...> wrote:
>> Hi everyone,
>>
>> I am about to do a major overhaul on the programmed memories, some
>> frequencies will stay the same and some will change, I wanted to be
>> able to move channel information up and down to make room for new
>> and reposition some for ease of use. I seem to remember doing this
>> in the past, but now it seems that I can only insert and delete
>> which causes either the top or bottom channels to be deleted.
>>
>>
>>
>> Any information and assistance is greatly appreciated.
>>
>>
>>
>> 73,

>>
>>
>>
>> Adam
>>
>> KG4WWH
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

25479. Re: metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 21:42:37 UTC
From: Sam Saladino
Topic: 25459 Message: 25479

Another place to check is a decent sized hobby shop, one that sells radio controlled airplanes, boats etc. I needed some 4mm set screws and they had them from 3mm and up assorted screws at the shop I visited.

Good luck

Sam NW9T

25480. Re: [FT897] metric screws

Yahoo group: FT897 (2009)
Date: 2009-03-22 15:33:55 UTC
From: Ronald DeRemer
Topic: 25459 Message: 25480

I second that ACE is the place. If you can't find at ACE try

Micro Fasteners - http://microfsterners.com or

RTL Fsterers - www.rtlfsterners.com

for small orders with minimal shipping charges.

On Sat, Mar 21, 2009 at 6:49 PM, Thomas Meggison <meggi@...> wrote:
> Ok all, got a question that I cannot find an answer too. The screws
> that hold the little rubber legs on the 897, well I need 4 of them.
> Long story, but I cannot find out the metric size of the screws OR
> where to even buy them. I am pretty sure I can get them on line, but
> I need to know what to ask for. Does anyone know what the size is?
> Or maybe where to get them. Thanks for any help you can give me.
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@...
>
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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25481. Re: RF grounding for noise reduction... any thoughts? (long post)

Yahoo group: FT897 (2009)
Date: 2009-03-23 11:45:11 UTC
From: Stewart Nelson
Topic: 25371 Message: 25481

Have you used an SWR/Watt meter or an analyzer to check how much you are getting on reverse? Is your antenna store bought or did you make it yourself, did you check it with an analyzer and the connectors? Are your 259s good? Do you have a switch that will cut off your antenna to the radio, if you do is it grounded? Is your radio grounded?

--- In FT897@yahoogroups.com, Shane Wolfe <shanewolfe@...> wrote:
>
> Jim,
>
> Thanks! I actually came across that article a few weeks ago. I *am*
> getting some RF in the shack... I've found that Apple multi-button
> mice are REALLY susceptible to RFI around 80m (the "3rd" button switch
> kicks on and off by itself when xmitting.).
>
> The counterpoise is the next easiest thing to try, so I'll keep you
> all posted.
>
> -Shane
> KV3SPA
>
>
>
>
> On Mar 15, 2009, at 10:22 PM, Jim wrote:
>
> > Read this and give it a try
> >
> > http://www.hamuniverse.com/grounding.html
> >
> > Here is an excerpt.
> >
> > *We could not tune the antenna on most frequencies and we kept getting
> > zapped from the radio or microphone when we transmitted. Also, our
> > signal reports were lousy. SO, after consulting some experts, I added
> > 250 feet of counterpoise around the building consisting of some bare 6
> > gauge copper wire I had. The radio was on while I rolled it out and a
> > friend was listening to the broadcast on 40 meters, (OK it was night
> > time---best time to do antenna work right!) Anyway he reported the
> > broadcast was only about S 4-5 on meter. As I rolled out the
> > counterpoise it rose to 40 over S9 and came in much clearer. We were
> > able to tune everything easily now and SWR was rock stable. When we
> > did
> > a signal test, the station we had talked to before accused us of
> > running
> > a contest amplifier. We could not convince them it was only 100 watts,

> > same as before and the same antenna! *
> >
> > Shane Wolfe wrote:
> > >
> > > Greetings all,
> > >
> > > I picked up an FT-897D last October when I joined Army MARS.
> > > Everything has been working great except for the level of noise
> > found
> > > at or around 80/75m. On a good night, the level of noise is sitting
> > > at S9 or S8. This has been consistent since purchasing the rig in
> > > October. The noise is just static and there doesn't seem to be any
> > > discerning characteristics that I can attribute to any particular
> > > source, making this a bit hard to troubleshoot (and sometimes very
> > > frustrating). The radio is almost unusable at the aforementioned
> > > frequencies.
> > >
> > > My setup:
> > >
> > > FT-897D and all other station equipment share a common ground point
> > > (1/2 inch braid) to the ground lug on an MFJ-949E Versa Tuner. The
> > > 949e is grounded by 1/2" braid the the grounding lug on an MFJ
> > window
> > > passthru panel. I have three antennas connected to the passthru, all
> > > sharing a common ground at that point.
> > >
> > > The panel is tied to a copper clad rod right outside the window via
> > > 1/2in braid. I have another ground rod 15 feet away with a run of
> > the
> > > #6 solid copper wire buried 1/2in under mulch from the rod next to
> > the
> > > window.
> > >
> > > Antennas:
> > > Carolina Windom 160 Special
> > > B&W Folded Dipole (65ft version).
> > >
> > > Both antennas yield the very similar static/noise issues, though
> > it's
> > > a little better on the B&W (1 S unit down in noise).
> > >
> > > I've eliminated almost all of the devices in my house as the culprit
> > > by going through each breaker while running the radio off of battery
> > > power. Same results...
> > >
> > > Would running a radial the same length as the Windom (130 feet) of
> > #6
> > > wire around the house (ultimately tied to the panel) help at all?
> > > Anyone out there using a similar setup?
> > >

> > > I understand that my location will have lots to do with this (I DO
> > > live in a suburb of Baltimore/DC), but at least two other operators
> > > that are close to be do not report the same noise problems with
> > > similar setups.
> > >
> > > Any thoughts or ideas are GREATLY appreciated.
> > >
> > > Shane
> > > KV3SPA (MARS AAR3EA).
> > >
> > >
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>
>
>
> [Non-text portions of this message have been removed]
>

25482. RE: [FT897] Re: Programming Question - Solution

Yahoo group: FT897 (2009)
Date: 2009-03-23 11:51:58 UTC
From: Adam Karsin
Topic: 25385 Message: 25482

Hi everyone,

Well, I solved my issue, just a little harder than I had hoped. I exported the read in an Excel spreadsheet, reorganized and added as I needed then reloaded into the ADMS.

Thanks for the help,

Adam

KG4WWH

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Adam Karsin
Sent: Monday, March 16, 2009 16:20
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: Programming Question

Sorry I should have said I have the ADMS software, that is what I am having a little issue with.

Adam

From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of
Larry D. Barr
Sent: Monday, March 16, 2009 16:00
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: Re: [FT897] Re: Programming Question

http://www.rtsystem <http://www.rtsystem <http://www.rtsystemsinc.com/yaesu_Template.cfm?yaesupage=ADMS4B> sinc.com/yaesu_Template.cfm?yaesupage=ADMS4B> sinc.com/yaesu_Template.cfm?yaesupage=ADMS4B

That's the software I use. It's outstanding.

73,
ldb
K5WLF

Stewart Nelson wrote:
> I believe there is a computer program that will let you do this very
> easily. It is the 857/897 programmer. After you have used it one
> time you will never want to go back again.
>
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Adam
Karsin" <akarsin@...> wrote:
>> Hi everyone,
>>
>> I am about to do a major overhaul on the programmed memories, some
>> frequencies will stay the same and some will change, I wanted to be
>> able to move channel information up and down to make room for new
>> and reposition some for ease of use. I seem to remember doing this
>> in the past, but now it seems that I can only insert and delete
>> which causes either the top or bottom channels to be deleted.
>>
>>
>>
>> Any information and assistance is greatly appreciated.
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>>
>>
>> 73,
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>> Adam
>>
>> KG4WWH
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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25483. Re: [FT897] Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-23 12:40:07 UTC
From: Jim C
Topic: 25402 Message: 25483

Maybe it will keep the CB'ers out

John Johnson wrote:
>
> The edge being a product that doesn't work out of the box versus one that
> does? If we're smart enough to pass the licence exams we should be smart
> enough to do simple arithmetic and not fall for that ploy.
>
> Your argument should apply to other devices but looking round me I see a
> computer with an internal PSU, and likewise a television, a satellite
> box, a
> hi-fi system, a clock radio etc. Even stuff with external supplies
> like the
> Xbox and the Mac Mini came with a supply and it's in a matching style.
> Yaesu? Sure, you can have a speaker and DMU to match your FT-2000 or
> FT-900
> but a PSU? Sorry, here's an ugly metal box with screw terminals that will
> give your partner more ammunition for banishing you from the house.
>
> JJ
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of Jim
> C
> Sent: 19 March 2009 11:55
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] Re: Question about the FP-30 Power supply.
>
> They can sell the rig for $100 less if they don't include the power
> supply. It gives them an edge of any company that includes the power
> supply
>
> John Johnson wrote:
> >
> > Same here. Indeed, I don't understand why 'desktop' radios don't
> come with
> > internal PSUs as standard these days. The FT-897 I can understand
> being a
> > flexible format and does have a dedicated optional integrated PSU but
> > anything larger - FT-450, FT-900, FT-2000D etc? What proportion of those
> > are going to be vehicle mounted or used in the field? Obviously some,
> > but a
> > large enough proportion to force us all to have another ugly
> > mismatched box

> > and more wires?
> >
> > JJ
> >
> > G6VZM / 9H4JJ
> >
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>] On
> > Behalf Of
> > nr3r15
> > Sent: 19 March 2009 09:06
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: Question about the FP-30 Power supply.
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com> , "Eric
> > Champine" <champine@...> wrote:
> >
> > I have three 897's and all have the internal power supply. Never a
> > problem.
> > Very quiet. I never did understand why anyone would invest in radio
> > like the
> > 897 and have an external power supply anyway.
> >
> > Larry
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
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>

25484. Re: CAT s/w control

Yahoo group: FT897 (2009)
Date: 2009-03-23 17:44:49 UTC
From: Sildes
Topic: 25454 Message: 25484

I would like to know the maximum ratings of CAT interface, regarding maximum current available at 13.8V line, and correct voltage swing at RXD and TXD pins.

Thanks,
Sildes PY2TEE

--- In FT897@yahoogroups.com, "kc9ipv" <mike@...> wrote:
>
> What development language do you use? I'd be happy to send you some examples in VB or C it's a pretty straight forward interface. I'd be hesitant to test since if your not sure you understand you could reset the radio.
>
> Mike kc9ipv
>

25485. Re: CAT s/w control

Yahoo group: FT897 (2009)
Date: 2009-03-23 19:22:07 UTC
From: Howard Z.
Topic: 25454 Message: 25485

Hi Mike,

I am using Java and JavaBeans.

I learned long long ago, that nothing works until one tests and repairs it. I have found a willing email-testing-pal for the ICOM 7000 and the Kenwood TS2000. I'm looking to test code I have written for the ICOM 7700 and also the Yaesu FT897.

The code for the FT897 currently only asks for frequency and mode, and can change the frequency and mode. Commands 1, 3, and 7. I am sending each 5 byte command as binary data. This is very different from Kenwood which uses standard ascii characters, and Icom which uses binary and BCD.

The uniqueness of my program is tying together the Auto-Tuner control with the radio-control. People whose auto-tuners do not have a PC control interface may not find my program desirable compared to other choices like Ham Radio Deluxe.

Howard
N3ZH

--- In FT897@yahoogroups.com, "kc9ipv" <mike@...> wrote:
>
> What development language do you use? I'd be happy to send you some examples in VB or C it's a pretty straight forward interface. I'd be hesitant to test since if your not sure you understand you could reset the radio.
>
> Mike kc9ipv

25486. LDG AT-897 Tune probelm

Yahoo group: FT897 (2009)
Date: 2009-03-23 20:12:13 UTC
From: bigiantrike
Topic: 25486 Message: 25486

Hi all
I have a bit of a dilemma on my hands.
Ive just brought an LDG AT-897 and am having horrendous problems with it holding tune on 10 mtrs FM when the power goes over 30 watts .It holds tune for the first transmission and then seems to unlatch and the swr goes sky high
I have tried all the usual for RF in the shack like checking the grounds, torroids on the power and interface cables.
I wouldn't be bothered too much if it wasn't on 10 mtrs as the vertical antenna I use for HF was not one specifically designed for that band.

Any ideas would be greatly appreciated.

Ian

25487. 6 meter oscillations!

Yahoo group: FT897 (2009)
Date: 2009-03-23 15:20:15 UTC
From: n9tax
Topic: 25487 Message: 25487

I have an original 897 and the other day I finally got a 6 meter antenna up and when I key up the radio goes into oscillations on any mode. So I unhooked everything but the antenna and power it went away. I started reconnecting things when I got to the cat cable it came back.
I wrapped the cable on a toroid it went away again. Then I hooked up the keying cable to the z100 tuner to acc port it came back again. I stopped here. I am going to try to opto-isolate the keying cable but this doesnt seem like normal operation. Does anyone have any similar experiences or solutions to this problem I would hate to have to send it in for repair if there is something I could do. Any help would be greatly appreciated.

Thanks,
Joe N9TAX

25488. Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-24 07:27:38 UTC
From: sm5snf
Topic: 25488 Message: 25488

Hello,
I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62 from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I have tried to connect directly from the radio to the radio with the same result. I then changed menu item 20 to CAT (from tuner) and it works both directly from the radio and from the CAT out on the AT-897. When the radio is set to use Tuner on the CAT-connector, it simply doesn't work. Should it be this way or is it something I have missed when reading the manual?
The tuner works ok when the menu item #20 is set to tuner, so I believe the connector works and also the tuner itself.
73 de SM5SNF (Claes)

25489. Re: [FT897] Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-24 07:28:19 UTC
From: Richard Corfield
Topic: 25453 Message: 25489

Further experimentation and it's looking like the relays may be a problem. On the FM broadcast band anyway it's behaving like the relay contact for receive is not reliable. Switching in and out of that band will produce anything from no signal to tiny signal to full signal.

This doesn't explain the fan - unless that's on a relay too - but maybe could explain the other behaviour.

- Richard

2009/3/20 m0rjc <richard.corfield@...>

> My 897 has developed a problem. Depending on which band it is tuned to
> (the set of bands this occurs in varying from time to time) it will run
> its fans at full speed and seemingly switch off its receiver circuitry.
> A strong local broadcast station on FM will be just listenable with
> other national stations not received. On the HF bands switching between
> antenna and dummy load makes no audible difference in received audio -
> as if it's not connected. Pressing the Band Up or Down keys to change
> band may move to a band that works. Moving back tends to bring back the
> problem, though this varies.
>
> .
>
>
>

[Non-text portions of this message have been removed]

25490. Re: [FT897] CAT s/w control

Yahoo group: FT897 (2009)
Date: 2009-03-24 07:50:36 UTC
From: Richard Corfield
Topic: 25454 Message: 25490

An interesting place to look for code is the Linux "Hamlib" project. It has a back-end for the 897 which seems to work quite well. Looking at Yaesu's manual and what it does I think there are some minor improvements that can be made. It doesn't read operating mode correctly but Yaesu's manual says that this information is available. It could be easy to change this code to make it work, or even if you don't want to use Hamlib's abstracted front-end do something special with the back-end code.

Hamlib is in C, and looks well written.

- Richard

2009/3/19 Howard Z. <Howard_Z@...>

> Hi everyone,
>
> Earlier this year I wrote software to control the Palstar AT-AUTO tuner.
> Then I added some HRD style radio support for a few ICOM radio models. Then
> I added support for the LDG AT200PC tuner.
>
> Recently someone in the LDG forum asked for FT897 support. I added some
> limited support, but now he doesn't seem to want to test it.
>
> I
> .
>
>
>

[Non-text portions of this message have been removed]

25491. Re: {Disarmed} [FT897] Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-24 10:28:45 UTC
From: Philip Zeigler
Topic: 25488 Message: 25491

When using the AT-897 tuner, you do not need to set the FT-897 to tuner mode. It should stay in CAT mode. The AT-897 just uses the CAT port for power and passes through everything on to the CAT port on the tuner.

For HRD to work, the radio must be in CAT mode.

Philip KD4EQE
-----Original Message-----
From: "sm5snf" <claes@...>

Date: Tue, 24 Mar 2009 07:27:38
To: <FT897@yahoogroups.com>
Subject: {Disarmed} [FT897] Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Hello,
I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62 from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I have tried to connect directly from the radio to the radio with the same result. I then changed menu item 20 to CAT (from tuner) and it works both directly from the radio and from the CAT out on the AT-897. When the radio is set to use Tuner on the CAT-connector, it simply doesn't work. Should it be this way or is it something I have missed when reading the manual?
The tuner works ok when the menu item #20 is set to tuner, so I believe the connector works and also the tuner itself.
73 de SM5SNF (Claes)

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

[Non-text portions of this message have been removed]

25492. Re: [FT897] Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-24 10:45:06 UTC
From: robert donchez
Topic: 25453 Message: 25492

search the net- there is a mode on the 897 that cleans the relays
wb3hyb
bob d
On Mar 24, 2009, at 3:28 AM, Richard Corfield wrote:

> Further experimentation and it's looking like the relays may be a
> problem.
> On the FM broadcast band anyway it's behaving like the relay
> contact for
> receive is not reliable. Switching in and out of that band will
> produce
> anything from no signal to tiny signal to full signal.
>
> This doesn't explain the fan - unless that's on a relay too - but
> maybe
> could explain the other behaviour.
>
> - Richard
>
> 2009/3/20 m0rjc <richard.corfield@...>
>
>> My 897 has developed a problem. Depending on which band it is
>> tuned to
>> (the set of bands this occurs in varying from time to time) it
>> will run
>> its fans at full speed and seemingly switch off its receiver
>> circuitry.
>> A strong local broadcast station on FM will be just listenable with
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>> antenna and dummy load makes no audible difference in received
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>> as if it's not connected. Pressing the Band Up or Down keys to change
>> band may move to a band that works. Moving back tends to bring
>> back the
>> problem, though this varies.
>>
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>
> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links
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25493. Re: LDG AT-897 Tune probelm

Yahoo group: FT897 (2009)
Date: 2009-03-24 11:30:43 UTC
From: Bill Barron
Topic: 25486 Message: 25493

I think the AT-897 will resolve 10:1 SWR mismatch
but not more. Sounds like the SWR of your mismatched
antenna is just too far out of resonance....

I had this happen only once.. when accidentally tried to
TX on 80M into my 20M dipole.

Bill W1WAB
--- In FT897@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Hi all
> I have a bit of a dilemma on my hands.
> Ive just brought an LDG AT-897 and am having horrendous problems with it holding tune on 10 mtrs FM when the power goes over 30 watts .It holds tune for the first transmission and then seems to unlatch and the swr goes sky high
> I have tried all the usual for RF in the shack like checking the grounds, torroids on the power and interface cables.
> I wouldn't be bothered too much if it wasn't on 10 mtrs as the vertical antenna I use for HF was not one specifically designed for that band.
>
> Any ideas would be greatly appreciated.
>
> Ian
>

25494. Re: Question about the FP-30 Power supply.

Yahoo group: FT897 (2009)
Date: 2009-03-24 11:52:59 UTC
From: tenorman1952
Topic: 25402 Message: 25494

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:

> John Johnson wrote:
> >
> > John Johnson wrote:
> > >
> > > Same here. Indeed, I don't understand why 'desktop' radios don't come with internal PSUs as standard these days. The FT-897 I can understand being a flexible format and does have a dedicated optional integrated PSU but anything larger - FT-450, FT-900, FT-2000D etc?

Because the radio itself works from 12v-13.8v dc, and even for desktop use may have to also run from gel type car battery for emergency use during power outages. That is much more efficient that stepping up voltage to 110 vac via battery/inverter and then back down to 12 vdc via power supply.

Paul
AE5JU

25495. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-03-24 12:05:35 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 25495

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /mic_interface.jpg
Uploaded by : ei6gxb <lgmartin@...>
Description : Yaesu 85/97 Electret Microphone Interface Schematic

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/mic_interface.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

ei6gxb <lgmartin@...>

25496. MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-24 12:22:40 UTC
From: Adam Karsin
Topic: 25496 Message: 25496

Is there a way to do direct entry in VFO mode?

The only buttons that seem to have any purpose are the up/down and button "A"

I'd love to be able to do any or all of the following from the microphone:

choose mem or VFO

direct enter a frequency (vfo) or memory channel

scan on or off

and not sure what other options might be available, but it doesn't see to be any anyway..

thanks,

73,

Adam

KG4WWH

[Non-text portions of this message have been removed]

25497. RE: [FT897] 6 meter oscillations!

Yahoo group: FT897 (2009)
Date: 2009-03-24 12:25:11 UTC
From: Chet, N8RA
Topic: 25487 Message: 25497

Hi Joe,

Some of these radios do exhibit an instability on 6M (and 432, but that is another story).

Mine has a little copper tab added by the factory to make a ground connection to the cover, but that does not seem to help me.

Some folks have prescribed taking off the top/bottom covers and tightening the screws that secure the PCB's to the chassis.

Some have rerouted the coax in their shack.

What has worked for me is to change the antenna cable length by adding a short jumper of coax to it by using a barrel connector. My guess is that it changes the antenna impedance presented to the final amp a little and gets it out of the area of instability.

GL and 73,
Chet, N8RA

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n9tax
Sent: Monday, March 23, 2009 11:20 AM
To: FT897@yahoogroups.com
Subject: [FT897] 6 meter oscillations!

I have an original 897 and the other day I finally got a 6 meter antenna up and when I key up the radio goes into oscillations on any mode. So I unhooked everything but the antenna and power it went away. I started reconnecting things when I got to the cat cable it came back.
I wrapped the cable on a toroid it went away again. Then I hooked up the keying cable to the z100 tuner to acc port it came back again. I stopped here. I am going to try to opto-isolate the keying cable but this doesnt seem like normal operation. Does anyone have any similar experiences or solutions to this problem I would hate to have to send it in for repair if there is something I could do. Any help would be greatly appreciated.

Thanks,
Joe N9TAX

25498. test only. please disregard

Yahoo group: FT897 (2009)
Date: 2009-03-24 12:28:40 UTC
From: Adam Karsin
Topic: 25498 Message: 25498

Have a duplicate email issue with outlook. Please disregard this email.

Thanks,

Adam

[Non-text portions of this message have been removed]

25499. Re: [FT897] 6 meter oscillations!

Yahoo group: FT897 (2009)
Date: 2009-03-24 12:53:27 UTC
From: kc3vo@aol.com
Topic: 25487 Message: 25499

Sounds like you may be attempting operation on 6 meters with a Poorly situated antenna! Is the radio indoors, with the antenna outdoors, in the clear, at least 40 feet away from the radio? If the antenna is nearby, VERY high levels of R.F. energy can be induced on all nearby cables! (poor/loose coax connections can also cause this,-I have seen problems caused by connectors having poorly/improperly soldered coax shield connections) Indoor antennas SUCK, especially for transmitting! If everything works great into a dummy load, that is a sure sign of R.F. feedback!--73, KC3VO-Bob Curry
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

25500. MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-03-24 13:10:54 UTC
From: fill1
Topic: 25500 Message: 25500

Hi
The MEM/VFO knob on my FT-897D has felt very "wobbly" since I got it.
The other day it just fell off & when I examined it, one of the hooked clips that hold it on had snapped off. It took me ages to fish out the broken piece so I could replace the knob but obviously it isn't going to stay in place long.
Does anyone know where I can get a replacement (without going to Yaesu & needing to take out a mortgage)
73's Phil - GW1CJJ

25501. Re: Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-24 15:37:20 UTC
From: daroutergod
Topic: 25453 Message: 25501

Try holding the band up and band down buttons with the radio off, and power it on while holding these buttons. Should show "Relay Cleaning" in the display and you will hear it clicking thru the relays and your fan should come on and go off, it will return back to normal once this is completed.

Tim
kc0ujm

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> Further experimentation and it's looking like the relays may be a problem.
> On the FM broadcast band anyway it's behaving like the relay contact for
> receive is not reliable. Switching in and out of that band will produce
> anything from no signal to tiny signal to full signal.
>
> This doesn't explain the fan - unless that's on a relay too - but maybe
> could explain the other behaviour.
>
> - Richard
>
> 2009/3/20 m0rjc <richard.corfield@...>
>
> > My 897 has developed a problem. Depending on which band it is tuned to
> > (the set of bands this occurs in varying from time to time) it will run
> > its fans at full speed and seemingly switch off its receiver circuitry.
> > A strong local broadcast station on FM will be just listenable with
> > other national stations not received. On the HF bands switching between
> > antenna and dummy load makes no audible difference in received audio -
> > as if it's not connected. Pressing the Band Up or Down keys to change
> > band may move to a band that works. Moving back tends to bring back the
> > problem, though this varies.
> >
> > .
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

25502. Re: 6 meter oscillations!

Yahoo group: FT897 (2009)
Date: 2009-03-24 16:07:55 UTC
From: Rob - W1AEX
Topic: 25487 Message: 25502

As previously stated, it could be RF loading up on the external connections and getting into the rig. That situation can be made much worse if the ground paths inside the rig are no longer intact.

I ran into this with my 897D some time back. When I keyed the rig, it went into a full power output oscillation on some unknown frequency, regardless of mode or power setting. The problem first turned up on 6 meters, but later began to show up on HF as well. When I opened the rig up it turned out that the mounting screws for the top and bottom boards had slowly backed out over time, probably due to the numerous thermal cycles. Snugging the boards back down and also snugging down the PA device hardware cured it completely. I found that the mounting screws kept loosening up after 6 months or so. Eventually I inserted lock washers under each screw and that was the end of the problem. I suspect that the normal ground paths were interrupted by the loose fasteners, and tightening the hardware restored them. The rig was much less sensitive to external RF issues when everything inside was seated as it should be and tightened down.

--- In FT897@yahoogroups.com, "n9tax" <n9tax@...> wrote:
> ...but this doesnt seem like normal operation. Does anyone have any > similar experiences or solutions to this problem I would hate to
> have to send it in for repair if there is something I could do.
> Any help would be greatly appreciated.
>
> Thanks,
> Joe N9TAX
>

25503. Re: [FT897] MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-03-24 15:34:26 UTC
From: Peter Robinson
Topic: 25500 Message: 25503

Contact Yaesu in Winchester - very helpful and not necessarily expensive.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: fill1
To: FT897@yahoogroups.com
Sent: Tuesday, March 24, 2009 1:10 PM
Subject: [FT897] MEM/VFO Knob

Hi
The MEM/VFO knob on my FT-897D has felt very "wobbly" since I got it.
The other day it just fell off & when I examined it, one of the hooked clips that hold it on had snapped off. It took me ages to fish out the broken piece so I could replace the knob but obviously it isn't going to stay in place long.
Does anyone know where I can get a replacement (without going to Yaesu & needing to take out a mortgage)
73's Phil - GW1CJJ

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.25/2019 - Release Date: 03/23/09 18:51:00

[Non-text portions of this message have been removed]

25504. Re: 6 meter oscillations!

Yahoo group: FT897 (2009)
Date: 2009-03-24 20:20:27 UTC
From: n9tax
Topic: 25487 Message: 25504

I appreciate all the input guys I am going to check on the screw issue tonight. I had it apart recently and nothing seemed loose. As far as the antenna and feedline the antenna is outside and tuned well
the coax is new rg8 and tested.

Thanks,
DE Joe N9TAX

--- In FT897@yahoogroups.com, "Rob - W1AEX" <w1aex.fn31@...> wrote:
>
> As previously stated, it could be RF loading up on the external connections and getting into the rig. That situation can be made much worse if the ground paths inside the rig are no longer intact.
>
> I ran into this with my 897D some time back. When I keyed the rig, it went into a full power output oscillation on some unknown frequency, regardless of mode or power setting. The problem first turned up on 6 meters, but later began to show up on HF as well. When I opened the rig up it turned out that the mounting screws for the top and bottom boards had slowly backed out over time, probably due to the numerous thermal cycles. Snugging the boards back down and also snugging down the PA device hardware cured it completely. I found that the mounting screws kept loosening up after 6 months or so. Eventually I inserted lock washers under each screw and that was the end of the problem. I suspect that the normal ground paths were interrupted by the loose fasteners, and tightening the hardware restored them. The rig was much less sensitive to external RF issues when everything inside was seated as it should be and tightened down.
>
>
> --- In FT897@yahoogroups.com, "n9tax" <n9tax@> wrote:
> > ...but this doesnt seem like normal operation. Does anyone have any > similar experiences or solutions to this problem I would hate to
> > have to send it in for repair if there is something I could do.
> > Any help would be greatly appreciated.
> >
> > Thanks,
> > Joe N9TAX
> >
>

25505. Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-24 10:16:15 UTC
From: kbrown1075
Topic: 25488 Message: 25505

Menu Setting 20 should be on CAT when using the AT-897. Power for the AT-897 is taken from the CAT port but is controled from the tune button on the front of the AT-897. This is one of the major advantages of using the AT-897 versus the FC-30, you still have use of your CAT port. The FC-30 tuner gets it's power and control from the CAT port and is controled from the A B C buttons and you loose any other use of the CAT port.

Hope this Helps,

Kirk
N1TVF

--- In FT897@yahoogroups.com, "sm5snf" <claes@...> wrote:
>
> Hello,
> I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62 from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I have tried to connect directly from the radio to the radio with the same result. I then changed menu item 20 to CAT (from tuner) and it works both directly from the radio and from the CAT out on the AT-897. When the radio is set to use Tuner on the CAT-connector, it simply doesn't work. Should it be this way or is it something I have missed when reading the manual?
> The tuner works ok when the menu item #20 is set to tuner, so I believe the connector works and also the tuner itself.
> 73 de SM5SNF (Claes)
>

25506. Re: Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-25 07:39:14 UTC
From: m0rjc
Topic: 25453 Message: 25506

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> Further experimentation and it's looking like the relays may be a problem.
> On the FM broadcast band anyway it's behaving like the relay contact for
> receive is not reliable. Switching in and out of that band will produce
> anything from no signal to tiny signal to full signal.
>
> This doesn't explain the fan - unless that's on a relay too - but maybe
> could explain the other behaviour.
>

In answer to the response about relay cleaning. First time it didn't - no clicks. After power down for a while it gave 3 clicks.

When switching between 2m and 70cm I normally get a click - which would make memory scan involving both those bands a little worry. That click is sometimes missing.

I wonder if it's what drives the relays?

Thanks

- Richard (M0RJC)

25507. RE: [FT897] MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: Unix timestamp -125527765659 [implausible archived timestamp]
From: Eric van de Weyer
Topic: 25496 Message: 25507

Hi Adam,

I'm not sure about that mic although I think there is one which does have the capabilities, however, there is another option and that is the Millenium QSYer which connects to the CAT interface and allows direct frequency input, mode change, VFO selection.

I have several of them which I built from John Hansen's kit and they are great. I use them with FT897, FT100D & Ft817 and can highly recommend them.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Adam Karsin
Sent: Tuesday, 24 March 2009 23:23
To: FT897@yahoogroups.com
Subject: [FT897] MH-36 Microphone question

Is there a way to do direct entry in VFO mode?

The only buttons that seem to have any purpose are the up/down and button "A"

I'd love to be able to do any or all of the following from the microphone:

choose mem or VFO

direct enter a frequency (vfo) or memory channel

scan on or off

and not sure what other options might be available, but it doesn't see to be any anyway..

thanks,

73,

Adam

KG4WWH

[Non-text portions of this message have been removed]

Yahoo! Groups Links

25508. RE: [FT897] MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-25 12:21:34 UTC
From: Adam Karsin
Topic: 25496 Message: 25508

Hi Eric,

I am not familiar with the Millennium, but I do have the Ham Radio Deluxe as well as the ADMS Software. I have been considering adding mobile capabilities to the 897 and was thinking for ease of use while on the go. Sometimes it is a pain if you have 200 channels programmed (I don't, but you never know) and want to get to somewhere in the middle, having to scroll through 100 or so to get where you want.

Thanks for the info, I will check out the Millennium when I have a little time.

73,

Adam

KG4WWH

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: Wednesday, March 25, 2009 04:12
To: FT897@yahoogroups.com
Subject: RE: [FT897] MH-36 Microphone question

Hi Adam,

I'm not sure about that mic although I think there is one which does have the capabilities, however, there is another option and that is the Millenium QSYer which connects to the CAT interface and allows direct frequency input, mode change, VFO selection.

I have several of them which I built from John Hansen's kit and they are great. I use them with FT897, FT100D & Ft817 and can highly recommend them.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of Adam
Karsin
Sent: Tuesday, 24 March 2009 23:23
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] MH-36 Microphone question

Is there a way to do direct entry in VFO mode?

The only buttons that seem to have any purpose are the up/down and button "A"

I'd love to be able to do any or all of the following from the microphone:

choose mem or VFO

direct enter a frequency (vfo) or memory channel

scan on or off

and not sure what other options might be available, but it doesn't see to be any anyway..

thanks,

73,

Adam

KG4WWH

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25509. Re: LDG AT-897 Tune problem

Yahoo group: FT897 (2009)
Date: 2009-03-25 19:34:01 UTC
From: bigiantrike
Topic: 25486 Message: 25509

Hi there
Normally I would agree with you but the antenna that I am using is a 10 mtr vertical and that is the band I am having problems with..
It Will tune 40 through to 12 no problem....
After Mutch work with earth rods and toriods I have found that the problem is RF getting in via the power supply...If I work from a 12v car battery the problem is not there..
Question
Are switch mode power supply's More prone to RF infiltration than Liner ones and what is the best way of getting rid of the RF.

Your help is most appreciated...thank you

Ian

--- In FT897@yahoogroups.com, "Bill Barron" <wabarron@...> wrote:
>
> I think the AT-897 will resolve 10:1 SWR mismatch
> but not more. Sounds like the SWR of your mismatched
> antenna is just too far out of resonance....
>
> I had this happen only once.. when accidentally tried to
> TX on 80M into my 20M dipole.
>
> Bill W1WAB
> --- In FT897@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >
> > Hi all
> > I have a bit of a dilemma on my hands.
> > Ive just brought an LDG AT-897 and am having horrendous problems with it holding tune on 10 mtrs FM when the power goes over 30 watts .It holds tune for the first transmission and then seems to unlatch and the swr goes sky high
> > I have tried all the usual for RF in the shack like checking the grounds, torroids on the power and interface cables.
> > I wouldn't be bothered too much if it wasn't on 10 mtrs as the vertical antenna I use for HF was not one specifically designed for that band.
> >
> > Any ideas would be greatly appreciated.
> >
> > Ian
> >
>

25510. Re: [FT897] Re: LDG AT-897 Tune problem

Yahoo group: FT897 (2009)
Date: 2009-03-26 00:10:52 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25486 Message: 25510

It could be that the switching supply is the source of the noise
rather than
being hurt by RF from the antenna. Make sure the connections are
very
good and tight. What kind of PS do you have? I had a lot of
noise from
my Astron SS-30, but found that the connections were loose.
Tightening
them made (most of) the noise go away.

There is an internal clock in the switching PS, and you will get
noise
on harmonics of this clock. If the PS is intended for amateur
radio
use, it should not emit too much RF noise in the ham bands.

There was a review in QST a while back showing the noise
frequency
spectra from different PS's.

Noise can be reduced by adding inductance (toroids) and
capacitance
(capacitor across the radio power connectors). I expect this is
covered
in the ARRL handbook.

The AT897 *is* sensitive to RF on the shield of the feedline,
BTW.
It has a microcontroller inside that runs the relays according to
its
search algorithm. The uC gets confused by too much RF.

73,
Rob
AF6CM

On Wed, 25 Mar 2009 19:34 +0000, "bigiantrike"
<ian@...> wrote:

Are switch mode power supply's More prone to RF infiltration than
Linear ones and what is the best way of getting rid of the RF.

[Non-text portions of this message have been removed]

25511. Re: MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-03-26 01:35:57 UTC
From: daroutergod
Topic: 25500 Message: 25511

I got the whole assy knobs and switch from Yaesu for less than $10 including shipping for my 857 and it only took 3 days to arrive.

Tim
kc0ujm

--- In FT897@yahoogroups.com, "Peter Robinson" <peter@...> wrote:
>
> Contact Yaesu in Winchester - very helpful and not necessarily expensive.
>
> 73 de Peter - GØFIM / AA3JN
>
> The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.
>
>
> ----- Original Message -----
> From: fill1
> To: FT897@...m
> Sent: Tuesday, March 24, 2009 1:10 PM
> Subject: [FT897] MEM/VFO Knob
>
>
> Hi
> The MEM/VFO knob on my FT-897D has felt very "wobbly" since I got it.
> The other day it just fell off & when I examined it, one of the hooked clips that hold it on had snapped off. It took me ages to fish out the broken piece so I could replace the knob but obviously it isn't going to stay in place long.
> Does anyone know where I can get a replacement (without going to Yaesu & needing to take out a mortgage)
> 73's Phil - GW1CJJ
>
>
>
>
>
> --
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.25/2019 - Release Date: 03/23/09 18:51:00
>
>

> [Non-text portions of this message have been removed]
>

25512. Re: MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-26 01:52:33 UTC
From: daroutergod
Topic: 25496 Message: 25512

You can buy a CAT cable (under 20 bucks) and hook your radio via a serial port to a PC, download Ham Radio Deluxe (free) and control everything from your pc, I use it and other than using the MIC to key and talk, I do everything from my PC.

Tim
kc0ujm

--- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>
> Hi Eric,
>
> I am not familiar with the Millennium, but I do have the Ham Radio
> Deluxe as well as the ADMS Software. I have been considering adding mobile
> capabilities to the 897 and was thinking for ease of use while on the go.
> Sometimes it is a pain if you have 200 channels programmed (I don't, but you
> never know) and want to get to somewhere in the middle, having to scroll
> through 100 or so to get where you want.
>
>
>
> Thanks for the info, I will check out the Millennium when I have a little
> time.
>
>
>
> 73,
>
>
>
> Adam
>
> KG4WWH
>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric
> van de Weyer
> Sent: Wednesday, March 25, 2009 04:12
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] MH-36 Microphone question
>
>
>

> Hi Adam,
>
> I'm not sure about that mic although I think there is one which does have
> the capabilities, however, there is another option and that is the Millenium
> QSYer which connects to the CAT interface and allows direct frequency input,
> mode change, VFO selection.
>
> I have several of them which I built from John Hansen's kit and they are
> great. I use them with FT897, FT100D & Ft817 and can highly recommend them.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
> Of Adam
> Karsin
> Sent: Tuesday, 24 March 2009 23:23
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] MH-36 Microphone question
>
> Is there a way to do direct entry in VFO mode?
>
> The only buttons that seem to have any purpose are the up/down and button
> "A"
>
> I'd love to be able to do any or all of the following from the microphone:
>
> choose mem or VFO
>
> direct enter a frequency (vfo) or memory channel
>
> scan on or off
>
> and not sure what other options might be available, but it doesn't see to
> be any anyway..
>
> thanks,
>
> 73,
>
> Adam
>
> KG4WWH
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25513. Re: Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-26 01:31:03 UTC
From: daroutergod
Topic: 25453 Message: 25513

Sounds like it could be power issue possibly? What voltage does the display show? This works for both 897's and 857's It should click several times and cycle a couple times, should show "relay cleaning" in the display. I would try running it a couple of times. I do this monthly, of coarse I use my radio several times a week. Your milage may very.

Tim
kc0ujm

--- In FT897@yahoogroups.com, "m0rjc" <richard.corfield@...> wrote:
>
> --- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@> wrote:
> >
> > Further experimentation and it's looking like the relays may be a problem.
> > On the FM broadcast band anyway it's behaving like the relay contact for
> > receive is not reliable. Switching in and out of that band will produce
> > anything from no signal to tiny signal to full signal.
> >
> > This doesn't explain the fan - unless that's on a relay too - but maybe
> > could explain the other behaviour.
> >
>
> In answer to the response about relay cleaning. First time it didn't - no clicks. After power down for a while it gave 3 clicks.
>
> When switching between 2m and 70cm I normally get a click - which would make memory scan involving both those bands a little worry. That click is sometimes missing.
>
> I wonder if it's what drives the relays?
>
> Thanks
>
> - Richard (M0RJC)
>

25514. Re: [FT897] Re: LDG AT-897 Tune problem

Yahoo group: FT897 (2009)
Date: 2009-03-26 01:56:14 UTC
From: Larry D. Barr, K5WLF
Topic: 25486 Message: 25514

I agree that the AT897 is a bit RF sensitive. I had a problem with mine locking up in XMIT mode on various, but not all, frequencies when feeding a Buxcomm 8010CD folded dipole. Installed a Balun Designs 1113u 1:1 Feedline Isolation Balun between the tuner and my coax switch. No more problems. My Hustler 5-BTV seems to tune a bit faster now too, subjectively.

73,
ldb
K5WLF

af6cm_yahoo@... wrote:

<snip>
>
> The AT897 *is* sensitive to RF on the shield of the feedline,
> BTW.
> It has a microcontroller inside that runs the relays according to
> its
> search algorithm. The uC gets confused by too much RF.
>
> 73,
> Rob
> AF6CM

25515. Re: MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-26 02:14:13 UTC
From: daroutergod
Topic: 25496 Message: 25515

besides the HRD route or the Millennium, there is an optional Mic, MH-36E8J that has the direct freq entry and different functions. They run anywhere from $50 to $80.

Tim
kc0ujm

--- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>
> Hi Eric,
>
> I am not familiar with the Millennium, but I do have the Ham Radio
> Deluxe as well as the ADMS Software. I have been considering adding mobile
> capabilities to the 897 and was thinking for ease of use while on the go.
> Sometimes it is a pain if you have 200 channels programmed (I don't, but you
> never know) and want to get to somewhere in the middle, having to scroll
> through 100 or so to get where you want.
>
>
>
> Thanks for the info, I will check out the Millennium when I have a little
> time.
>
>
>
> 73,
>
>
>
> Adam
>
> KG4WWH
>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric
> van de Weyer
> Sent: Wednesday, March 25, 2009 04:12
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] MH-36 Microphone question
>
>
>
> Hi Adam,

>
> I'm not sure about that mic although I think there is one which does have
> the capabilities, however, there is another option and that is the Millenium
> QSYer which connects to the CAT interface and allows direct frequency input,
> mode change, VFO selection.
>
> I have several of them which I built from John Hansen's kit and they are
> great. I use them with FT897, FT100D & Ft817 and can highly recommend them.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
> Of Adam
> Karsin
> Sent: Tuesday, 24 March 2009 23:23
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] MH-36 Microphone question
>
> Is there a way to do direct entry in VFO mode?
>
> The only buttons that seem to have any purpose are the up/down and button
> "A"
>
> I'd love to be able to do any or all of the following from the microphone:
>
> choose mem or VFO
>
> direct enter a frequency (vfo) or memory channel
>
> scan on or off
>
> and not sure what other options might be available, but it doesn't see to
> be any anyway..
>
> thanks,
>
> 73,
>
> Adam
>
> KG4WWH
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

25516. Re: MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-26 03:11:43 UTC
From: Mark Levenite
Topic: 25496 Message: 25516

Adam,

The MH-36E8J microphone only allows for DTMF tones to be generated (like a touch-tone pad). The Yaesu MH-59A8J microphone, on the other hand, does perform direct frequency entry and other remote functions. Not sure what model rig you have but one caveat, though, is that the MH-59A8J microphone will only work 100% with very late-in-production FT-897 units and all FT-897D models. Older FT-897s that have had the firmware upgraded by Yaesu for the newer production units will also have the MH-59A8J work correctly.

If you do have an older FT-897, the MH-59A8J will work with the exception that the DSP menu cannot be accessed via the microphone keypad and the "1" and "D" key functions are reversed (upper left and lower right buttons on keypad). All other functions are, as I recall, usable as designed.

If you have a FT-897D manual there is a section in the back describing the operation of the MH-59A8J; if not, in the "Files" section on the menu to the left of your screen there is a .pdf file of the '59A8J instructions.

Prices are as noted below by Tim, KC0UJM.

- Mark (NM7L)

--- In FT897@yahoogroups.com, "daroutergod" <daroutergod@...> wrote:
>
> besides the HRD route or the Millennium, there is an optional Mic, MH-36E8J that has the direct freq entry and different functions. They run anywhere from $50 to $80.
>
> Tim
> kc0ujm
>
> --- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@> wrote:
> >
> > Hi Eric,
> >
> > I am not familiar with the Millennium, but I do have the Ham Radio
> > Deluxe as well as the ADMS Software. I have been considering adding mobile
> > capabilities to the 897 and was thinking for ease of use while on the go.
> > Sometimes it is a pain if you have 200 channels programmed (I don't, but you
> > never know) and want to get to somewhere in the middle, having to scroll
> > through 100 or so to get where you want.
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> >
> > Thanks for the info, I will check out the Millennium when I have a little
> > time.
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> >
> > 73,
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> > Adam
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> >
> > _____
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> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric
> > van de Weyer
> > Sent: Wednesday, March 25, 2009 04:12
> > To: FT897@yahoogroups.com
> > Subject: RE: [FT897] MH-36 Microphone question
> >
> >
> >
> > Hi Adam,
> >
> > I'm not sure about that mic although I think there is one which does have
> > the capabilities, however, there is another option and that is the Millenium
> > QSYer which connects to the CAT interface and allows direct frequency input,
> > mode change, VFO selection.
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> > I have several of them which I built from John Hansen's kit and they are
> > great. I use them with FT897, FT100D & Ft817 and can highly recommend them.
> >
> > 73....Eric VK2VE.
> >
> > -----Original Message-----
> > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf
> > Of Adam
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> > Sent: Tuesday, 24 March 2009 23:23
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
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> > thanks,
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> > 73,
> >
> > Adam
> >
> > KG4WWH
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

25517. Re: MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-26 03:57:13 UTC
From: buckskinner38@sbcglobal.net
Topic: 25496 Message: 25517

Mark and Tim are both right on with their advice. I had mine updated and I think with shipping cost I spent was around $90 and they even tuned it up to factory specs.

If you decide to send it be sure to list everything you are sending. Filters, batteries etc... be specifc and also list what the problem is and who you talked to at the factory.

It was well worth it to me to send it in and I'm very happy with the service I got.

JD
KB0PAW

--- In FT897@yahoogroups.com, "Adam Karsin" <akarsin@...> wrote:
>
> Hi Eric,
>
> I am not familiar with the Millennium, but I do have the Ham Radio
> Deluxe as well as the ADMS Software. I have been considering adding mobile
> capabilities to the 897 and was thinking for ease of use while on the go.
> Sometimes it is a pain if you have 200 channels programmed (I don't, but you
> never know) and want to get to somewhere in the middle, having to scroll
> through 100 or so to get where you want.
>
>
>
> Thanks for the info, I will check out the Millennium when I have a little
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>
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> mode change, VFO selection.
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> I have several of them which I built from John Hansen's kit and they are
> great. I use them with FT897, FT100D & Ft817 and can highly recommend them.
>
> 73....Eric VK2VE.
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> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
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> Subject: [FT897] MH-36 Microphone question
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> choose mem or VFO
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> and not sure what other options might be available, but it doesn't see to
> be any anyway..
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> thanks,
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> 73,
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> Adam
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> KG4WWH
>
> [Non-text portions of this message have been removed]
>

> ------------------------------------
>
> Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>

25518. Is there a GENERAL version of ADMS?

Yahoo group: FT897 (2009)
Date: 2009-03-26 04:00:41 UTC
From: buckskinner38@sbcglobal.net
Topic: 25518 Message: 25518

Is the a general version of ADMS that will work on all Yaesu prodcts?
I have 3 yaesu radios and they all require different version of the ADMS program.

JD
kb0paw

25519. Re: [FT897] Is there a GENERAL version of ADMS?

Yahoo group: FT897 (2009)
Date: 2009-03-26 04:06:23 UTC
From: Joe
Topic: 25518 Message: 25519

Nope...only the data base is moveable from radio to radio and brand to brand. The programming software is radio/brand specific.

Joe Wolfe
WA6RKN

----- Original Message -----
From: <buckskinner38@...>
Subject: [FT897] Is there a GENERAL version of ADMS?

> Is the a general version of ADMS that will work on all Yaesu prodcts?
> I have 3 yaesu radios and they all require different version of the ADMS
> program.

25520. Re: [FT897] Is there a GENERAL version of ADMS?

Yahoo group: FT897 (2009)
Date: 2009-03-26 04:07:39 UTC
From: Larry D. Barr, K5WLF
Topic: 25518 Message: 25520

There are a few overlaps, but mostly one program per radio model.

http://www.rtsystemsinc.com/yaesu_template.cfm

73,
ldb
K5WLF

buckskinner38@... wrote:
> Is the a general version of ADMS that will work on all Yaesu prodcts?
> I have 3 yaesu radios and they all require different version of the ADMS program.
>
> JD
> kb0paw

25521. Re: [FT897] Re: Strange intermittent problem with receive stopping and fans coming on

Yahoo group: FT897 (2009)
Date: 2009-03-26 10:00:58 UTC
From: Richard Corfield
Topic: 25453 Message: 25521

It was showing 14.0V. I'm using an Alinco switching supply rated at 30A. The 897, at the kinds of power levels I run (10W typical) barely makes it work.

Thanks

- Richard

2009/3/26 daroutergod <daroutergod@...>

> Sounds like it could be power issue possibly? What voltage does the
> display show? This works for both 897's and 857's It should click several
> times and cycle a couple times, should show "relay cleaning" in the display.
> I would try running it a couple of times. I do this monthly, of coarse I use
> my radio several times a week. Your milage may very.
>
> Tim
> kc0ujm
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "m0rjc"
> <richard.corfield@...> wrote:
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Richard Corfield
> <richard.corfield@> wrote:
> > >
> > > Further experimentation and it's looking like the relays may be a
> problem.
> > > On the FM broadcast band anyway it's behaving like the relay contact
> for
> > > receive is not reliable. Switching in and out of that band will produce
> > > anything from no signal to tiny signal to full signal.
> > >
> > > This doesn't explain the fan - unless that's on a relay too - but maybe
> > > could explain the other behaviour.
> > >
> >
> > In answer to the response about relay cleaning. First time it didn't - no
> clicks. After power down for a while it gave 3 clicks.
> >
> > When switching between 2m and 70cm I normally get a click - which would
> make memory scan involving both those bands a little worry. That click is
> sometimes missing.
> >
> > I wonder if it's what drives the relays?
> >

> > Thanks
> >
> > - Richard (M0RJC)
> >
>
>
>

[Non-text portions of this message have been removed]

25522. Re: [FT897] Re: MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-03-26 10:02:58 UTC
From: Richard Corfield
Topic: 25500 Message: 25522

That's good! Makes me more optimistic.

I talked to their tech support department. They couldn't help on the specific problem but told me that when they repair they repair the board rather than replace. Pros and cons there - more time, more labour, less part cost, dunno if anything else is on its way out. If I send mine in for repair I'd ask them to check the whole thing.

- Richard

2009/3/26 daroutergod <daroutergod@...>

> I got the whole assy knobs and switch from Yaesu for less than $10
> including shipping for my 857 and it only took 3 days to arrive.
>
>

[Non-text portions of this message have been removed]

25523. Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 13:02:41 UTC
From: Richard Head, KDØGDV
Topic: 25523 Message: 25523

My new (February purchase) 897 has also had a "wobbly" VFO from the time I took it out of the box. I talked with my retailer about it, but he didn't have much to say. I emailed Yaesu tech support yesterday, after reading Phil - GW1CJJ's report. Here's what Yaesu tech support emailed back (within 24 hours):

Richard:
The wobble you feel is designed into the radio. The reason for the this is that that knob also has a push in feature for changing the frequency by MHz.

73
Tim Factor, KT7F
Amateur Radio Technical Support

Vertex Standard USA, Inc.
Yaesu Amateur Products Division
10900 Walker Street
Cypress, CA 90630
t.factor@...

714-827-7600 x 1513

I understand the push feature, but the whole knob feels loose, as Phil described originally. I just hope that if it fails, it does so within the warranty period.

Richard Head
KDØGDV

[Non-text portions of this message have been removed]

25524. Re: [FT897] Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 13:11:14 UTC
From: Paul Graham
Topic: 25523 Message: 25524

Mine also wobbles, as does a friends.

Paul
2E0RAK

From: "Richard Head, KDØGDV" <kd0gdv@yahoo..com>
To: FT897@yahoogroups.com
Sent: Thursday, 26 March, 2009 13:02:41
Subject: [FT897] Wobbly VFO

My new (February purchase) 897 has also had a "wobbly" VFO from the time I took it out of the box. I talked with my retailer about it, but he didn't have much to say. I emailed Yaesu tech support yesterday, after reading Phil - GW1CJJ's report. Here's what Yaesu tech support emailed back (within 24 hours):

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Vertex Standard USA, Inc.
Yaesu Amateur Products Division
10900 Walker Street
Cypress, CA 90630
t.factor@vxstdusa. com

714-827-7600 x 1513

I understand the push feature, but the whole knob feels loose, as Phil described originally. I just hope that if it fails, it does so within the warranty period.

Richard Head
KDØGDV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25525. Re: Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 13:37:22 UTC
From: Ken Bandy
Topic: 25523 Message: 25525

Are you talking about the actual VFO (big knob), or the "MEM/VFO CH" (smaller knob, upper right)? The "MEM/VFO CH" knob is the one that pushes in, not the "big knob" VFO. FWIW, on both of my 897s (one D, bought new, and one non-D bought used) both the VFO and the MEM/VFO CH knobs "wobble" a little, not excessively.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, Richard Head, KDØGDV <kd0gdv@...> wrote:
>
> My new (February purchase) 897 has also had a "wobbly" VFO from the time I took it out of the box. I talked with my retailer about it, but he didn't have much to say. I emailed Yaesu tech support yesterday, after reading Phil - GW1CJJ's report. Here's what Yaesu tech support emailed back (within 24 hours):
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> Richard:
> The wobble you feel is designed into the radio. The reason for the this is that that knob also has a push in feature for changing the frequency by MHz.
>
> 73
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> Amateur Radio Technical Support
>
> Vertex Standard USA, Inc.
> Yaesu Amateur Products Division
> 10900 Walker Street
> Cypress, CA 90630
> t.factor@...
>
> 714-827-7600 x 1513
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> I understand the push feature, but the whole knob feels loose, as Phil described originally. I just hope that if it fails, it does so within the warranty period.
>
> Richard Head
> KDØGDV
>
>
>
>
> [Non-text portions of this message have been removed]
>

25526. RE: [FT897] Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 13:38:37 UTC
From: Richard Drevo
Topic: 25523 Message: 25526

Richard,

Did he mean the "Main VFO Tuning Dial" or the smaller "MEM/VFO CH" knob located to the right of the main VFO tuning dial ??

If he meant the "MEM/VFO CH" knob, then this is correct; i.e. you depress it to change the frequency by MHz. increments, and Yes, Mine is also "wobbly" but works fine.

Hope this helps.

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Head, KDØGDV
Sent: Thursday, March 26, 2009 9:03 AM
To: FT897@yahoogroups.com
Subject: [FT897] Wobbly VFO

My new (February purchase) 897 has also had a "wobbly" VFO from the time I took it out of the box. I talked with my retailer about it, but he didn't have much to say. I emailed Yaesu tech support yesterday, after reading Phil - GW1CJJ's report. Here's what Yaesu tech support emailed back (within 24 hours):

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t.factor@vxstdusa. <mailto:t.factor%40vxstdusa.com> com

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Richard Head
KDØGDV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25527. Re: [FT897] Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 13:38:55 UTC
From: Lew Phelps K6LMP
Topic: 25523 Message: 25527

So I guess this means that all FT-897 users are Wobblies!

(Following from Wikipedia)

Wobbly (Sometimes shortened to "Wob") : A nickname of unknown origin for a member of the Industrial Workers of the World. Many believe "wobbly" refers to a tool known as a "wobble saw." One often repeated anecdote has it that a sympathetic Chinese restaurant owner in Vancouver would extend credit to IWW members and, unable to pronounce the "W", would ask if they were a member of the "I Wobble Wobble."[9] Another explanation is that the term was first used pejoratively by San Francisco Socialists around 1913 and adopted by IWWs as a badge of honor.[10] In any case, the nickname has existed since the union's early days and is still used today.

Lew's addition:

I have read from several sources that the term arises from the fact that large numbers of IWW members would board the streetcars to go to demonstrations in NYC. They overloaded the streetcars so badly that the trolleys wobbled. Hence, the name.

On Mar 26, 2009, at 6:11 AM, Paul Graham wrote:

> Mine also wobbles, as does a friends.
>
> Paul
> 2E0RAK
>
> _____
> From: "Richard Head, KDØGDV" <kd0gdv@yahoo..com>
> To: FT897@yahoogroups.com
> Sent: Thursday, 26 March, 2009 13:02:41
> Subject: [FT897] Wobbly VFO
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> My new (February purchase) 897 has also had a "wobbly" VFO from the
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> Richard Head
> KDØGDV
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

25528. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 14:28:26 UTC
From: P Grant
Topic: 25528 Message: 25528

OK all U WOBS
We had this topic about a year ago...
At that time my knob did not wobble a lot, and has still only a small wobble [can I get one from the factory] or is there a software up grade for this , in the files section ???
Seriously, I discovered a week ago that my[non wobbly] "MEM-VFO-CH" knob, had lost the facility for the push in, frequency shift.
What happens now is, a little flag pops up on the top of the screen, and the knob, goes into lock !!!
I see nothing in the manual for this.... Have I a non wobbly, FT897D special... ??
How do I get back the push in frequency shift????
Thanks in advance
Peter EI4HX _._
ei4hxperimental@...
~~ooo ;-)
----- Original Message -----
From: Ken Bandy
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 1:37 PM
Subject: [FT897] Re: Wobbly VFO

Are you talking about the actual VFO (big knob), or the "MEM/VFO CH" (smaller knob, upper right)? The "MEM/VFO CH" knob is the one that pushes in, not the "big knob" VFO. FWIW, on both of my 897s (one D, bought new, and one non-D bought used) both the VFO and the MEM/VFO CH knobs "wobble" a little, not excessively.

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Ken
KJ9B

--- In FT897@yahoogroups.com, Richard Head, KD?GDV <kd0gdv@...> wrote:
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> 73
> Tim Factor, KT7F
> Amateur Radio Technical Support
>
> Vertex Standard USA, Inc.
> Yaesu Amateur Products Division

> 10900 Walker Street
> Cypress, CA 90630
> t.factor@...
>
> 714-827-7600 x 1513
>
> I understand the push feature, but the whole knob feels loose, as Phil described originally. I just hope that if it fails, it does so within the warranty period.
>
> Richard Head
> KD?GDV
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25529. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 14:46:34 UTC
From: Richard Corfield
Topic: 25528 Message: 25529

There's a setting for what it does when you push it in.

I thought it would be useful to use it to do something like change RF power, only it doesn't give a good interface on my older 897 so I change RF power by holding down the F key and going to the right menu entry. The ability to customise what's on the shortened menu is good, as is that it's in alphabetical order.

Push the knob in again and it will return to normal.

- Richard

2009/3/26 P Grant <ei4hxperimental@...>

> OK all U WOBS
> We had this topic about a year ago...
> At that time my knob did not wobble a lot, and has still only a small
> wobble [can I get one from the factory] or is there a software up grade for
> this , in the files section ???
> Seriously, I discovered a week ago that my[non wobbly] "MEM-VFO-CH" knob,
> had lost the facility for the push in, frequency shift.
> What happens now is, a little flag pops up on the top of the screen, and
> the knob, goes into lock !!!
> I see nothing in the manual for this.... Have I a non wobbly, FT897D
> special... ??
> How do I get back the push in frequency shift????
> Thanks in advance
> Peter EI4HX _._
> <ei4hxperimental@...>

[Non-text portions of this message have been removed]

25530. Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-26 15:31:44 UTC
From: ke7hge
Topic: 25488 Message: 25530

OK, on my 897d with an AT-897 the menu setting 20 is set to tuner, so I thought I'd change the setting to cat and see what happened; nothing. I am not able to change the setting. In the lower left corner of the display the word "SKIP" is displayed. What do you suppose is going on?
Ken / ke7hge

----- Original Message -----
From: kbrown1075
To: FT897@yahoogroups.com
Sent: Tuesday, March 24, 2009 3:16 AM
Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Menu Setting 20 should be on CAT when using the AT-897. Power for the AT-897 is taken from the CAT port but is controled from the tune button on the front of the AT-897. This is one of the major advantages of using the AT-897 versus the FC-30, you still have use of your CAT port. The FC-30 tuner gets it's power and control from the CAT port and is controled from the A B C buttons and you loose any other use of the CAT port.

Hope this Helps,

Kirk
N1TVF

--- In FT897@yahoogroups.com, "sm5snf" <claes@...> wrote:
>
> Hello,
> I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62 from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I have tried to connect directly from the radio to the radio with the same result. I then changed menu item 20 to CAT (from tuner) and it works both directly from the radio and from the CAT out on the AT-897. When the radio is set to use Tuner on the CAT-connector, it simply doesn't work. Should it be this way or is it something I have missed when reading the manual?
> The tuner works ok when the menu item #20 is set to tuner, so I believe the connector works and also the tuner itself.
> 73 de SM5SNF (Claes)
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.26/2020 - Release Date: 03/24/09 09:19:00

[Non-text portions of this message have been removed]

25531. Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-26 15:49:25 UTC
From: sm5snf
Topic: 25488 Message: 25531

I had the same problem, but ran a rest ([F]+Power on) and that did the trick. Now everything works quite ok.
Thanks for the help everyone.

73 de Claes
--- In FT897@yahoogroups.com, "ke7hge" <ke7hge@...> wrote:
>
> OK, on my 897d with an AT-897 the menu setting 20 is set to tuner, so I
> thought I'd change the setting to cat and see what happened; nothing. I am
> not able to change the setting. In the lower left corner of the display the
> word "SKIP" is displayed. What do you suppose is going on?
> Ken / ke7hge
>
> ----- Original Message -----
> From: kbrown1075
> To: FT897@yahoogroups.com
> Sent: Tuesday, March 24, 2009 3:16 AM
> Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe
>
>
> Menu Setting 20 should be on CAT when using the AT-897. Power for the AT-897 is taken from the CAT port but is controled from the tune button on the front of the AT-897. This is one of the major advantages of using the AT-897 versus the FC-30, you still have use of your CAT port. The FC-30 tuner gets it's power and control from the CAT port and is controled from the A B C buttons and you loose any other use of the CAT port.
>
> Hope this Helps,
>
> Kirk
> N1TVF
>
> --- In FT897@yahoogroups.com, "sm5snf" <claes@> wrote:
> >
> > Hello,
> > I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62 from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I have tried to connect directly from the radio to the radio with the same result. I then changed menu item 20 to CAT (from tuner) and it works both directly from the radio and from the CAT out on the AT-897. When the radio is set to use Tuner on the CAT-connector, it simply doesn't work. Should it be this way or is it something I have missed when reading the manual?
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> >
>

>
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>
>
> ---
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.26/2020 - Release Date: 03/24/09 09:19:00
>
>
> [Non-text portions of this message have been removed]
>

25532. Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-26 16:31:16 UTC
From: ke7hge
Topic: 25488 Message: 25532

Thanks!
Other than losing a few simple settings, that did the trick. Not only that, but I was able to run Yaesu's programming software and download my frequency memory settings. Now If I need to reset for any reason, I'll be able to do a restore quite simply through the pc.
73
de
Ken
ke7hge

----- Original Message -----
From: sm5snf
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 8:49 AM
Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

I had the same problem, but ran a rest ([F]+Power on) and that did the trick. Now everything works quite ok.
Thanks for the help everyone.

73 de Claes
--- In FT897@yahoogroups.com, "ke7hge" <ke7hge@...> wrote:
>
> OK, on my 897d with an AT-897 the menu setting 20 is set to tuner, so I
> thought I'd change the setting to cat and see what happened; nothing. I am
> not able to change the setting. In the lower left corner of the display
> the
> word "SKIP" is displayed. What do you suppose is going on?
> Ken / ke7hge
>
> ----- Original Message -----
> From: kbrown1075
> To: FT897@yahoogroups.com
> Sent: Tuesday, March 24, 2009 3:16 AM
> Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio
> Deluxe
>
>
> Menu Setting 20 should be on CAT when using the AT-897. Power for the
> AT-897 is taken from the CAT port but is controled from the tune button on
> the front of the AT-897. This is one of the major advantages of using the
> AT-897 versus the FC-30, you still have use of your CAT port. The FC-30
> tuner gets it's power and control from the CAT port and is controled from

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> Hope this Helps,
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> Kirk
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> --- In FT897@yahoogroups.com, "sm5snf" <claes@> wrote:
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> > Hello,
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> > and it works both directly from the radio and from the CAT out on the
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> > missed when reading the manual?
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> > the connector works and also the tuner itself.
> > 73 de SM5SNF (Claes)
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.26/2020 - Release Date: 03/24/09
> 09:19:00
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.28/2022 - Release Date: 03/25/09
07:16:00

25533. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 16:38:24 UTC
From: wayne morton
Topic: 25528 Message: 25533

Not sure why the knob goes into lock but the little flag is telling you that the freq shift will be course, ie: to go from 145.000 to 146.000 will take one click.

Not sure if its the flag or the lock thats the question?

W5yne

--- On Thu, 3/26/09, P Grant <ei4hxperimental@...> wrote:

From: P Grant <ei4hxperimental@...>
Subject: Re: [FT897] Re: NON Wobbly VFO
To: FT897@yahoogroups.com
Date: Thursday, March 26, 2009, 2:28 PM

OK all U WOBS
We had this topic about a year ago...
At that time my knob did not wobble a lot, and has still only a small wobble
[can I get one from the factory] or is there a software up grade for this , in
the files section ???
Seriously, I discovered a week ago that my[non wobbly] "MEM-VFO-CH"
knob, had lost the facility for the push in, frequency shift.
What happens now is, a little flag pops up on the top of the screen, and the
knob, goes into lock !!!
I see nothing in the manual for this.... Have I a non wobbly, FT897D special...
??
How do I get back the push in frequency shift????
Thanks in advance
Peter EI4HX _._
ei4hxperimental@...
~~ooo ;-)
----- Original Message -----
From: Ken Bandy
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 1:37 PM
Subject: [FT897] Re: Wobbly VFO

Are you talking about the actual VFO (big knob), or the "MEM/VFO
CH" (smaller knob, upper right)? The "MEM/VFO CH" knob is the one
that pushes in, not the "big knob" VFO. FWIW, on both of my 897s (one
D, bought new, and one non-D bought used) both the VFO and the MEM/VFO CH knobs
"wobble" a little, not excessively.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, Richard Head, KDØGDV <kd0gdv@...> wrote:
>
> My new (February purchase) 897 has also had a "wobbly" VFO
from the time I took it out of the box. I talked with my retailer about it, but
he didn't have much to say. I emailed Yaesu tech support yesterday, after
reading Phil - GW1CJJ's report. Here's what Yaesu tech support emailed
back (within 24 hours):
>
> Richard:
> The wobble you feel is designed into the radio. The reason for the this
is that that knob also has a push in feature for changing the frequency by MHz.
>
> 73
> Tim Factor, KT7F
> Amateur Radio Technical Support
>
> Vertex Standard USA, Inc.
> Yaesu Amateur Products Division
> 10900 Walker Street
> Cypress, CA 90630
> t.factor@...
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>
> I understand the push feature, but the whole knob feels loose, as Phil
described originally. I just hope that if it fails, it does so within the
warranty period.
>
> Richard Head
> KDØGDV
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25534. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 18:23:58 UTC
From: P Grant
Topic: 25528 Message: 25534

Hi Wayne
Thanks for the reply.
I have it set for course,,, but it will not change frequency,,,, just the little flag pops up,,, and the frequency locks up.
I can find nothing about this flag in the Manual ???
Peter EI4HX _._
----- Original Message -----
From: wayne morton
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 4:38 PM
Subject: Re: [FT897] Re: NON Wobbly VFO

Not sure why the knob goes into lock but the little flag is telling you that the freq shift will be course, ie: to go from 145.000 to 146.000 will take one click.

Not sure if its the flag or the lock thats the question?

W5yne

--- On Thu, 3/26/09, P Grant <ei4hxperimental@...> wrote:

From: P Grant <ei4hxperimental@eircom.net>
Subject: Re: [FT897] Re: NON Wobbly VFO
To: FT897@yahoogroups.com
Date: Thursday, March 26, 2009, 2:28 PM

OK all U WOBS
We had this topic about a year ago...
At that time my knob did not wobble a lot, and has still only a small wobble
[can I get one from the factory] or is there a software up grade for this , in
the files section ???
Seriously, I discovered a week ago that my[non wobbly] "MEM-VFO-CH"
knob, had lost the facility for the push in, frequency shift.
What happens now is, a little flag pops up on the top of the screen, and the
knob, goes into lock !!!
I see nothing in the manual for this.... Have I a non wobbly, FT897D special...
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How do I get back the push in frequency shift????
Thanks in advance
Peter EI4HX _._
ei4hxperimental@...
~~ooo ;-)
----- Original Message -----
From: Ken Bandy
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 1:37 PM

Subject: [FT897] Re: Wobbly VFO

Are you talking about the actual VFO (big knob), or the "MEM/VFO CH" (smaller knob, upper right)? The "MEM/VFO CH" knob is the one that pushes in, not the "big knob" VFO. FWIW, on both of my 897s (one D, bought new, and one non-D bought used) both the VFO and the MEM/VFO CH knobs "wobble" a little, not excessively.

73,
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KJ9B

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> I understand the push feature, but the whole knob feels loose, as Phil described originally. I just hope that if it fails, it does so within the warranty period.
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> Richard Head
> KD?GDV
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25535. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 19:41:24 UTC
From: wayne morton
Topic: 25528 Message: 25535

MENU MODE No•057 [MEM/VFO DIAL MODE]
Function: Selects the function which is engaged when you
press the MEM/VFO CH knob.
Available Values: CW SIDETONE, CW SPEED, MHz/
MEM GRP, MIC GAIN, NB LEVEL, RF POWER/STEP
Default: MHz/MEM GRP

From PAge 57 of manual....

You must set to default!!

I cant see the flag noted in the manual either,
Try that mate and it should change freq

W5yne

--- On Thu, 3/26/09, P Grant <ei4hxperimental@...> wrote:

From: P Grant <ei4hxperimental@...>
Subject: Re: [FT897] Re: NON Wobbly VFO
To: FT897@yahoogroups.com
Date: Thursday, March 26, 2009, 6:23 PM

Hi Wayne
Thanks for the reply.
I have it set for course,,, but it will not change frequency,,,, just the
little flag pops up,,, and the frequency locks up.
I can find nothing about this flag in the Manual ???
Peter EI4HX _._
----- Original Message -----
From: wayne morton
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 4:38 PM
Subject: Re: [FT897] Re: NON Wobbly VFO

Not sure why the knob goes into lock but the little flag is telling you that
the freq shift will be course, ie: to go from 145.000 to 146.000 will take one
click.

Not sure if its the flag or the lock thats the question?

W5yne

--- On Thu, 3/26/09, P Grant <ei4hxperimental@...> wrote:

From: P Grant <ei4hxperimental@...>
Subject: Re: [FT897] Re: NON Wobbly VFO
To: FT897@yahoogroups.com

Date: Thursday, March 26, 2009, 2:28 PM

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At that time my knob did not wobble a lot, and has still only a small wobble
[can I get one from the factory] or is there a software up grade for this ,
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Seriously, I discovered a week ago that my[non wobbly]
"MEM-VFO-CH"
knob, had lost the facility for the push in, frequency shift.
What happens now is, a little flag pops up on the top of the screen, and the
knob, goes into lock !!!
I see nothing in the manual for this.... Have I a non wobbly, FT897D
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How do I get back the push in frequency shift????
Thanks in advance
Peter EI4HX _._
ei4hxperimental@...
~~ooo ;-)
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From: Ken Bandy
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 1:37 PM
Subject: [FT897] Re: Wobbly VFO

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that pushes in, not the "big knob" VFO. FWIW, on both of my 897s
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D, bought new, and one non-D bought used) both the VFO and the MEM/VFO CH
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> Richard:

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described originally. I just hope that if it fails, it does so within the
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> Richard Head
> KDØGDV
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>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25536. Re: [FT897] Re: NON Wobbly VFO

Yahoo group: FT897 (2009)
Date: 2009-03-26 19:49:10 UTC
From: Bob Jones
Topic: 25528 Message: 25536

HI.
Check the setting of menu 54 and the Lock button. It may be set to "ALL". Set it to "Freq" and turn off the lock. Hope this helps.

Bob
W4LCS

P Grant <ei4hxperimental@...> wrote:
Hi Wayne
Thanks for the reply.
I have it set for course,,, but it will not change frequency,,,, just the little flag pops up,,, and the frequency locks up.
I can find nothing about this flag in the Manual ???
Peter EI4HX _._
----- Original Message -----

[Non-text portions of this message have been removed]

25537. Re: [FT897] Re: Lock

Yahoo group: FT897 (2009)
Date: 2009-03-26 20:10:14 UTC
From: Gary Altig
Topic: 25528 Message: 25537

DE N7UVL,
I have a note among my stuff that indicates
a "shorted" Electronic Keyer can also cause
a similar "Lock" condition./ga

----- Original Message -----
From: Bob Jones<mailto:lcsd512@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, March 26, 2009 12:49 PM
Subject: Re: [FT897] Re: NON Wobbly VFO

HI.
Check the setting of menu 54 and the Lock button. It may be set to "ALL". Set it to "Freq" and turn off the lock. Hope this helps.

Bob
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P Grant <ei4hxperimental@...<mailto:ei4hxperimental@...>> wrote:
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Thanks for the reply.
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I can find nothing about this flag in the Manual ???
Peter EI4HX _._
----- Original Message -----

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25538. Re: [FT897] Re: NON Wobbly VFO [Problem Fixed]

Yahoo group: FT897 (2009)
Date: 2009-03-26 21:54:04 UTC
From: P Grant
Topic: 25538 Message: 25538

Many thank Wayne. Non wobbly knob now performs, as frequency shift as required.
Menu #75 is spot on.
Peter EI4HX _._

Recent Activity
a.. 27New Members
b.. 1New Files
Visit Your Group
John McEnroe
on Yahoo! Groups

Join him for the

10 Day Challenge.

Yahoo! Groups
Join people over 40

who are finding ways

to stay in shape.

Group Charity
Hands On Network

Volunteering has

never been so easy
.

[Non-text portions of this message have been removed]

25539. Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-27 00:14:13 UTC
From: Danny Loyd
Topic: 25488 Message: 25539

Did you turn the large VFO knob when you were in menu 20? This changes the setting from tuner/cat/linear and then you push the F button to save the change.

Danny Loyd
KE5WDI

From: ke7hge <ke7hge@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 10:31:44 AM
Subject: Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

OK, on my 897d with an AT-897 the menu setting 20 is set to tuner, so I thought I'd change the setting to cat and see what happened; nothing. I am not able to change the setting. In the lower left corner of the display the word "SKIP" is displayed. What do you suppose is going on?
Ken / ke7hge

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From: kbrown1075
To: FT897@yahoogroups. com
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Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

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Hope this Helps,

Kirk
N1TVF

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> Hello,
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> The tuner works ok when the menu item #20 is set to tuner, so I believe the connector

works and also the tuner itself.
> 73 de SM5SNF (Claes)
>

------------ --------- --------- --------- --------- --------- -

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.26/2020 - Release Date: 03/24/09 09:19:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25540. Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-03-27 00:32:56 UTC
From: ke7hge
Topic: 25488 Message: 25540

Thanks for the suggestion. Claes came up with the fix when he suggested a partial re-set; ([F]+Power on) which did the trick.
73
de
Ken
ke7hge

----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 5:14 PM
Subject: Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Did you turn the large VFO knob when you were in menu 20? This changes the setting from tuner/cat/linear and then you push the F button to save the change.

Danny Loyd
KE5WDI

From: ke7hge <ke7hge@...>
To: FT897@yahoogroups.com
Sent: Thursday, March 26, 2009 10:31:44 AM
Subject: Re: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

OK, on my 897d with an AT-897 the menu setting 20 is set to tuner, so I thought I'd change the setting to cat and see what happened; nothing. I am not able to change the setting. In the lower left corner of the display the word "SKIP" is displayed. What do you suppose is going on?
Ken / ke7hge

----- Original Message -----
From: kbrown1075
To: FT897@yahoogroups. com
Sent: Tuesday, March 24, 2009 3:16 AM
Subject: [FT897] Re: Problem with CAT (CT-62), LDG AT-897 and Hamradio Deluxe

Menu Setting 20 should be on CAT when using the AT-897. Power for the AT-897 is taken from the CAT port but is controled from the tune button on the front of the AT-897. This is one of the major advantages of using the AT-897 versus the FC-30, you still have use of your CAT port. The FC-30 tuner gets

it's power and control from the CAT port and is controled from the A B C buttons and you loose any other use of the CAT port.

Hope this Helps,

Kirk
N1TVF

--- In FT897@yahoogroups. com, "sm5snf" <claes@...> wrote:
>
> Hello,
> I have an FT-897D with a LDG AT-897 and a CT-62. When I connect the CT-62
> from the AT-897 to the pc, running HamRadio Deluxe, I cannot connect. I
> have tried to connect directly from the radio to the radio with the same
> result. I then changed menu item 20 to CAT (from tuner) and it works both
> directly from the radio and from the CAT out on the AT-897. When the radio
> is set to use Tuner on the CAT-connector, it simply doesn't work. Should
> it be this way or is it something I have missed when reading the manual?
> The tuner works ok when the menu item #20 is set to tuner, so I believe
> the connector works and also the tuner itself.
> 73 de SM5SNF (Claes)
>

------------ --------- --------- --------- --------- --------- -

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.26/2020 - Release Date: 03/24/09 09:19:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25541. Yes I do it is pretty stuff, but....

Yahoo group: FT897 (2009)
Date: 2009-03-27 01:08:53 UTC
From: willgord
Topic: 25541 Message: 25541

I want to ground the 897D and appreciate that grounding to a cold water pipe is the preferred approach. No cold water pipe anywhere close to my rig, however.

What I do have is a steam radiator only a few feet from the radio. Can I ground the radio to the steam pipe? Googled the question and several references talked about using a steam radiator and even a baseboard heater to ground a ham rig.

However,before I do anything, I thought I would bounce the question off the group.

Thanks for any help you can offer.

Gordon K2GLW

25542. Re: Yes I do it is pretty stuff, but....

Yahoo group: FT897 (2009)
Date: 2009-03-27 02:38:40 UTC
From: Rob - W1AEX
Topic: 25541 Message: 25542

Hi Gordon,

In my second floor station, I ran into the same problem of having no cold water pipe to ground to. I ran a heavy strap from the ground bus on the back of my operating desk to the nearest copper baseboard heater. Fortunately, that run of pipe goes straight down to the basement. Down in the basement I ran a heavy strap from the hot water line my ground was connected to over to the nearest cold water pipe, which effectively tied everything together.

An old time ham in my neighborhood looked it over and suggested that I also run a ground strap to tie the hot water pipes and cold water pipes together at the furnace. His explanation was that otherwise I would be relying on the sediment covered cast iron boiler to guarantee continuity. Seemed like a good idea, so I did that too. This set up has never caused me any problems, and I've never had any RF feedback issues with the upstairs station, even when running a kilowatt.

I'm sure you'll get lots of different thoughts on doing this, but it does work, and when you think about it, they are all part of the same system. If you have copper all the way, it should be fine. If you have older iron pipes, check your pipe junctions with an ohm meter and as long as you have good continuity through all the junctions of your hot water system, all the way back to your electrical service ground, it should work fine. If you find a poorly conducting junction, use appropriate sized ground clamps to run a heavy copper strap across the bad junction.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I want to ground the 897D and appreciate that grounding to a cold water pipe is the preferred approach. No cold water pipe anywhere close to my rig, however.
>
> What I do have is a steam radiator only a few feet from the radio. Can I ground the radio to the steam pipe? Googled the question and several references talked about using a steam radiator and even a baseboard heater to ground a ham rig.
>
> However,before I do anything, I thought I would bounce the question off the group.
>
> Thanks for any help you can offer.
>
> Gordon K2GLW
>

25543. Re: MH-36 Microphone question

Yahoo group: FT897 (2009)
Date: 2009-03-27 04:05:11 UTC
From: tenorman1952
Topic: 25496 Message: 25543

--- In FT897@yahoogroups.com, "Mark Levenite" <wb3gok@...> wrote:
>
> Adam,
>
> The MH-36E8J microphone only allows for DTMF tones to be generated (like a touch-tone pad). The Yaesu MH-59A8J microphone, on the other hand, does perform direct frequency entry and other remote functions. Not sure what model rig you have but one caveat, though, is that the MH-59A8J microphone will only work 100% with very late-in-production FT-897 units and all FT-897D models. Older FT-897s that have had the firmware upgraded by Yaesu for the newer production units will also have the MH-59A8J work correctly.

(trimmed)

Try as I might, I can't get any info on getting full usage from my MH-36. I have a feeling it can do much more, but it is really no more useful than the MH-31. All I can find is a picture of the mic with labels for the buttons, but that doesn't help. I want some detailed instructions from Yaesu on how to use it, programming options, etc, with the FT-897. The info just isn't in the manual, either 897 or 897D.

Paul
AE5JU

25544. On or off frequency?

Yahoo group: FT897 (2009)
Date: 2009-03-27 15:52:52 UTC
From: Michael R.
Topic: 25544 Message: 25544

A friend worked me on 50.125.00 USB. At least that's what his VFO said. My FT897 VFO said he actually was on 50.124.80. Is there a real easy way to tell which VFO is telling the truth? When I tune the FT897 to WWV in CW mode on 5 and 10 mHz I get a steady tone and the green CW-T display lights up.

25545. Re: [FT897] On or off frequency?

Yahoo group: FT897 (2009)
Date: Unix timestamp -125527562766 [implausible archived timestamp]
From: af2c@njdxa.org
Topic: 25544 Message: 25545

I seriously doubt that you have a problem. Since the advent of digital displays, there have always been disagreements as to who is or is not on frequency.

The probability is that your friend is tuned to a frequency which, to him/her, makes your signal sound best to their ears. The difference in this case is that he is listening to you at some insignificant difference in frequency.

Ah for the good old days of analog dials and internal calibration crystals.

73,
Jay/AF2C

At 03:52 PM 3/27/2009 +0000, you wrote:

>A friend worked me on 50.125.00 USB. At least that's what his VFO said. My
>FT897 VFO said he actually was on 50.124.80. Is there a real easy way to
>tell which VFO is telling the truth? When I tune the FT897 to WWV in CW
>mode on 5 and 10 mHz I get a steady tone and the green CW-T display lights up.

25546. Re: [FT897] On or off frequency?

Yahoo group: FT897 (2009)
Date: 2009-03-27 16:50:52 UTC
From: Richard Corfield
Topic: 25544 Message: 25546

You can move the carrier / BFO point on the 897. I don't know if the display on screen takes that into account and displays the actual carrier freqency for CW or something else.

For the old days of analog - I've set up my TenTec kit so that if what comes out of its speaker is at the same pitch my 897 is set up to for Morse then the 897 will receive the TenTec's transmissions at the same pitch.

It could be interesting to try listening in digital mode with the CAT cable and software which shows you the received actual frequency and see where it shows the received Morse to be.

- Richard

2009/3/27 <af2c@...>

> I seriously doubt that you have a problem. Since the advent of digital
> displays, there have always been disagreements as to who is or is not on
> frequency.
>
> The probability is that your friend is tuned to a frequency which, to
> him/her, makes your signal sound best to their ears. The difference in this
>
> case is that he is listening to you at some insignificant difference in
> frequency.
>
> Ah for the good old days of analog dials and internal calibration crystals.
>
> 73,
> Jay/AF2C
>
>
> At 03:52 PM 3/27/2009 +0000, you wrote:
>
> >A friend worked me on 50.125.00 USB. At least that's what his VFO said. My
>
> >FT897 VFO said he actually was on 50.124.80. Is there a real easy way to
> >tell which VFO is telling the truth? When I tune the FT897 to WWV in CW
> >mode on 5 and 10 mHz I get a steady tone and the green CW-T display lights
> up.
>
>
>

[Non-text portions of this message have been removed]

25547. Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-27 19:25:53 UTC
From: tecm779
Topic: 25547 Message: 25547

Hi group members,I have a question, Is it possible to work satellites with a 897, If so, does anyone have or know what the instructions or steps are?
73
Tom
KE5BWB

25548. Re: [FT897] Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-27 19:34:46 UTC
From: Larry D. Barr
Topic: 25547 Message: 25548

The Appendix on Page 68 of the Operation Manual has all the details.

73,
ldb
K5WLF

tecm779 wrote:
> Hi group members,I have a question, Is it possible to work satellites
> with a 897, If so, does anyone have or know what the instructions or
> steps are? 73 Tom KE5BWB

25549. Re: [FT897] On or off frequency?

Yahoo group: FT897 (2009)
Date: 2009-03-27 23:01:56 UTC
From: wayne morton
Topic: 25544 Message: 25549

Michael,

I go with the masses, what i mean by that is, call into a round table or net where there are more than 3 people on there, i'm sure they will tell you if you are low on freq, if no bad reports then you should be good to go....

I used to have a FT 890 that the display gave the incorrect frequency, so i just accounted for it, then it started to drift so it was time to let it go, i was moving from UK to USA anyhow.

Yes we are all perfectionists when it comes to Freq but if were all that good there would be no need for a RIT or CLAR......

go with the masses ole man

W5yne

--- On Fri, 3/27/09, Michael R. <w0kie@yahoo.com> wrote:

From: Michael R. <w0kie@...>
Subject: [FT897] On or off frequency?
To: FT897@yahoogroups.com
Date: Friday, March 27, 2009, 3:52 PM

A friend worked me on 50.125.00 USB. At least that's what his VFO said. My FT897 VFO said he actually was on 50.124.80. Is there a real easy way to tell which VFO is telling the truth? When I tune the FT897 to WWV in CW mode on 5 and 10 mHz I get a steady tone and the green CW-T display lights up.

[Non-text portions of this message have been removed]

25550. RE: [FT897] Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-27 23:28:25 UTC
From: John Johnson
Topic: 25547 Message: 25550

Read The F******y Manual! Page 68 explains how to set up the memories to track the changing frequency of a satellite as it passes, so from this you can surmise that it's possible.

Other than that, you'll need to know the frequencies of the satellite (google is your friend), suitably directional antenna(e) for the band(s), motorised antenna rotator if you're serious and want more than a minute or two working each pass.

You'll find loads on the web about how to work satellites but that's the prerequisites.

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of tecm779
Sent: 27 March 2009 19:26
To: FT897@yahoogroups.com
Subject: [FT897] Working Satellites with a 897

Hi group members,I have a question, Is it possible to work satellites with a 897, If so, does anyone have or know what the instructions or steps are?
73
Tom
KE5BWB

[Non-text portions of this message have been removed]

25551. one big punch

Yahoo group: FT897 (2009)
Date: 2009-03-26 18:24:05 UTC
From: watchmaker1961
Topic: 25551 Message: 25551

hi all hope someone can help i got one of these units bought for me sometime ago now ive decided to fit it but the unit has no wires attached to it only loose ones and the instructions dont tell me what colour wire to what pad on the unit
it tell you were to solder it to the mic but not what colour wires go were on the unit
please help many thanks peter

25553. I need FT-897 control head for parts

Yahoo group: FT897 (2009)
Date: 2009-03-28 04:43:27 UTC
From: JON
Topic: 25553 Message: 25553

Mine got zapped via static electricity on the front panel, killed the processor and overheats and the 78L05 voltage regulator heats up as well. I placed a working control head in there and works fine. If you have a bad FT-897 with good PCB board at least for the control head please PM me. thanks much

JON KG6SQO

25554. Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-27 19:46:02 UTC
From: Mister Bad Wrench
Topic: 25547 Message: 25554

Tom,

Yep, an appendix on page 68 of the Operation Manual has all the details. Having a transceiver that can do band splits is important since you will be for an example so-50 has for it's j-fm repeater is as following: downlink 436.800 and uplink 145.85 which in the split mode allow you to transmit on the uplink and receive on the downlink. Today there is some special event either the international space station or else will be in range for communications. 73 de N2OBS

25555. low signal and audio on receive on 50mhz

Yahoo group: FT897 (2009)
Date: 2009-03-27 08:03:23 UTC
From: m3vpm
Topic: 25555 Message: 25555

Hi All,
I am the new owner of a 2nd hand ft-897, all seems fine with the radio except i noticed very poor reception on 6mtrs, nothing I do seems to improve this. I do have the antenna connected to the correct socket outlet and radio works fine and well on all other bands. Tx on 50mhz is fine and I receive good reports, its just i cant hear most stations and ipo and att makes slight if no difference to the receive strength of audio and signal, hope this makes sense and thanks for any help...Mac M0TXR

25556. Re: one big punch

Yahoo group: FT897 (2009)
Date: 2009-03-28 05:52:26 UTC
From: w4wb
Topic: 25551 Message: 25556

Peter,

Are you certain you have a W4RT Electronics One BIG Punch and not some bogus unit? Our units always have the wires attached and the instructions are in color so that it totally clear what goes where.

73 de Barry W4WB

--- In FT897@yahoogroups.com, "watchmaker1961" <watchmaker1961@...> wrote:
>
> hi all hope someone can help i got one of these units bought for me sometime ago now ive decided to fit it but the unit has no wires attached to it only loose ones and the instructions dont tell me what colour wire to what pad on the unit
> it tell you were to solder it to the mic but not what colour wires go were on the unit
> please help many thanks peter
>

25559. Rig blaster plus & the ft-897

Yahoo group: FT897 (2009)
Date: 2009-03-29 10:15:42 UTC
From: n8mfn
Topic: 25559 Message: 25559

Hi all I have the rig blaster plus and the ft-897 but find the jumper settings I have checked the west mountian web site and can only find the settings for the 817 &900 I dont know If these will work or not.
Thanks
Rick
N8MFN

25560. Mounting holes

Yahoo group: FT897 (2009)
Date: 2009-03-29 11:03:03 UTC
From: n8mfn
Topic: 25560 Message: 25560

There are in the upper portion of the sides of the rig. Does anyone know what size and thread they are ? just wondered befor I take the rig to home depot.
TNX
Rick
N8MFN

25561. RE: [FT897] Mounting holes

Yahoo group: FT897 (2009)
Date: 2009-03-29 11:44:19 UTC
From: Eric van de Weyer
Topic: 25560 Message: 25561

They are M4 (4mm Metric fine thread)

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n8mfn
Sent: Sunday, 29 March 2009 22:03
To: FT897@yahoogroups.com
Subject: [FT897] Mounting holes

There are in the upper portion of the sides of the rig. Does anyone know what size and thread they are ? just wondered befor I take the rig to home depot.
TNX
Rick
N8MFN

Yahoo! Groups Links

25562. Looking for an FT 897D

Yahoo group: FT897 (2009)
Date: 2009-03-28 14:19:50 UTC
From: John
Topic: 25562 Message: 25562

I have for trade a Kenwood TM D710A with Cable Kit for Data and Echolink (2 Cables) The Green Light Labs 20 Channel GPS unit UI View and Precision Mapping Software. 3 months old Like New in box $800.00 invested.
73 John N9HXV

25563. Re: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 10:12:07 UTC
From: joe petrusinski
Topic: 25547 Message: 25563

Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte details,where i an find full operating manual.JOE
VK2Jp"73
==========

--- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...> wrote:

From: Mister Bad Wrench <wucherer1968@...>
Subject: [FT897] Re: Working Satellites with a 897
To: FT897@yahoogroups.com
Received: Saturday, 28 March, 2009, 6:46 AM

Tom,

Yep, an appendix on page 68 of the Operation Manual has all the details. Having a transceiver that can do band splits is important since you will be for an example so-50 has for it's j-fm repeater is as following: downlink 436.800 and uplink 145.85 which in the split mode allow you to transmit on the uplink and receive on the downlink. Today there is some special event either the international space station or else will be in range for communications. 73 de N2OBS

The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.

[Non-text portions of this message have been removed]

25564. Re: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 10:23:18 UTC
From: Bernard
Topic: 25547 Message: 25564

Hi dear Joe.
I have some manuals on my homepage,also the FT897 is there.
You can go to
http://www.pd7bz.com/radioprogs/manuals.php
or direct download via this link:
http://www.pd7bz.com/radioprogs/manuals/FT-897D_Operating%20Manual.pdf

☐
73's and Good DX☐ ☐
Bernard de PD7BZ
http://pd7bz.blogspot.com/
http://www.pd7bz.nl
DMC #1161 - EPC #3647 NL01 - HF #1508
QSL via LoTW , Buro , Direct , eQSL
-------Original Message-------

From: joe petrusinski
Date: 03/31/09 12:12:26
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Working Satellites with a 897

Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte details
where i an find full operating manual.JOE
VK2Jp"73
==========

--- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...> wrote:

From: Mister Bad Wrench <wucherer1968@...>
Subject: [FT897] Re: Working Satellites with a 897
To: FT897@yahoogroups.com
Received: Saturday, 28 March, 2009, 6:46 AM

Tom,

Yep, an appendix on page 68 of the Operation Manual has all the details.
Having a transceiver that can do band splits is important since you will be
for an example so-50 has for it's j-fm repeater is as following: downlink
436.800 and uplink 145.85 which in the split mode allow you to transmit on
the uplink and receive on the downlink. Today there is some special event
either the international space station or else will be in range for
communications. 73 de N2OBS

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25565. RE: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 10:36:42 UTC
From: Eric van de Weyer
Topic: 25547 Message: 25565

Hi Joe,

Try looking at p69, then!

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of joe petrusinski
Sent: Tuesday, 31 March 2009 21:12
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Working Satellites with a 897

Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte details,where i an find full operating manual.JOE
VK2Jp"73
==========

--- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...> wrote:

From: Mister Bad Wrench <wucherer1968@...>
Subject: [FT897] Re: Working Satellites with a 897
To: FT897@yahoogroups.com
Received: Saturday, 28 March, 2009, 6:46 AM

Tom,

Yep, an appendix on page 68 of the Operation Manual has all the details. Having a transceiver that can do band splits is important since you will be for an example so-50 has for it's j-fm repeater is as following: downlink 436.800 and uplink 145.85 which in the split mode allow you to transmit on the uplink and receive on the downlink. Today there is some special event either the international space station or else will be in range for communications. 73 de N2OBS

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

25566. RE: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 11:26:39 UTC
From: Florentin Nastase
Topic: 25547 Message: 25566

Try "Ham Radio Deluxe" free software, for me it's OK.
73's
GFlorentin YO9BXC.

--- On Tue, 3/31/09, Eric van de Weyer <eric@...> wrote:

From: Eric van de Weyer <eric@...>
Subject: RE: [FT897] Re: Working Satellites with a 897
To: FT897@yahoogroups.com
Date: Tuesday, March 31, 2009, 3:36 AM

Hi Joe,

Try looking at p69, then!

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of joe petrusinski
Sent: Tuesday, 31 March 2009 21:12
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: Working Satellites with a 897

Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte details,where i an find full operating manual.JOE
VK2Jp"73
========== ========= ========= ========= ========= =====

--- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@ yahoo.com> wrote:

From: Mister Bad Wrench <wucherer1968@ yahoo.com>
Subject: [FT897] Re: Working Satellites with a 897
To: FT897@yahoogroups. com
Received: Saturday, 28 March, 2009, 6:46 AM

Tom,

Yep, an appendix on page 68 of the Operation Manual has all the details. Having a transceiver that can do band splits is important since you will be for an example so-50 has for it's j-fm repeater is as following: downlink 436.800 and uplink 145.85 which in the split mode allow you to transmit on the uplink and receive on the downlink. Today there is some special event either the international space station or else will be in range for communications. 73 de N2OBS

The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25567. Re: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 11:30:48 UTC
From: Jim C
Topic: 25547 Message: 25567

It is page 69 in the PDF file, but page 68 when you print it out. It is the first thing in the appendix, and it is titled "Setup of memories for low earth orbit LEO rm satellite operation"

joe petrusinski wrote:
>
> Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte
> details,where i an find full operating manual.JOE
> VK2Jp"73
> ==========
>
> --- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>> wrote:
>
> From: Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>>
> Subject: [FT897] Re: Working Satellites with a 897
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Received: Saturday, 28 March, 2009, 6:46 AM
>
> Tom,
>
> Yep, an appendix on page 68 of the Operation Manual has all the
> details. Having a transceiver that can do band splits is important
> since you will be for an example so-50 has for it's j-fm repeater is
> as following: downlink 436.800 and uplink 145.85 which in the split
> mode allow you to transmit on the uplink and receive on the downlink.
> Today there is some special event either the international space
> station or else will be in range for communications. 73 de N2OBS
>
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>
> The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.
>
> [Non-text portions of this message have been removed]
>
>

25568. Re: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 11:32:04 UTC
From: Jim C
Topic: 25547 Message: 25568

APPENDIX
SETUP OF MEMORIES FOR LOW EARTH ORBIT (LEO) FM SATELLITE OPERATION
Although the FT-897D is not capable of ?full duplex? operation
(simultaneous transmission and reception), its flexible
memory system is ideal for configuring a set of memories
for LEO satellite work.
The example below is designed around the popular satellite
UO-14, but the same principles apply to operation using
AO-27, SO-35, and other such satellites.
First, set up a table of the required operating frequencies.
For UO-14, a typical setup table is shown below:
Channel # Rx Freq. Tx Freq. Notes
1 435.080 145.970.0 AOS
2 435.075 145.972.5
3 435.070 145.975.0 Mid Pass
4 435.065 145.977.5
5 435.060 145.980.0 LOS
AOS = Acquisition of Signal (Beginning of Pass)
LOS = Loss of Signal (End of Pass)
The above frequencies are nominal, and the changing frequencies
reflects the Doppler Shift which occurs on such
satellites, which display rapid apparent motion relative to
an earth-based observer. But if we can accommodate a set
of several frequency pairs in our memory system, frequencies
that reflect the frequency relationships encountered
during a typical pass, we will have a good chance of having
our frequencies properly aligned when it is time for making
a QSO.
So we need to store the above frequency matrix into memories.
Note that the receiving frequency and transmitting frequency
are on different bands. Therefore, we will use the
?Split Frequency Memory? storage technique described on
page 42.
First, press the [F] key momentarily, then rotate the MEM/
VFO CH knob to select Multi Function Row ?a? [A/B, A=B,
SPL]. Press the [A](A/B) key, if necessary, to select VFOa.
Now press the BAND(DWN) or BAND(UP) key to select
the 70 cm band. Check the setting of Menu Mode No-004
[AM&FM DIAL]. and set this to ?ENABLE? to allow smaller
frequency increments to be accommodated.
Set the VFOa operating frequency to 435.0800.00 MHz.
Now press the [A](A/B) key in Multi Function Row ?a? to
select VFOb, and set VFOb to 145.970.00 MHz. Again press
the [A](A/B) key to return to VFOa. Be sure that both VFOs
are set to the FM mode, as well.

Press the [F] key momentarily, and rotate the MEM/VFO CH knob one click clockwise to select Multi Function Row ?b? [MW, SKIP, TAG].
Press the [A](MW) key momentarily, then rotate the MEM/VFO CH knob while the memory channel number is blinking; select memory channel M-001, then press and hold in the [A](MW) key until you hear the double beep. We have just stored the first downlink (earth station receiving) frequency into memory.
Press the [F] key momentarily, then rotate the MEM/VFO CH knob one click counter-clockwise to re-select Multi Function Row ?a? [A/B, A=B, SPL]. Press the [A](A/B) key to select VFOb (145.970 MHz).
Again press the [F] key momentarily, and rotate the MEM/VFO CH knob one click clockwise to re-select Multi Function Row ?b? [MW, SKIP, TAG]. Press the [A](MW) key momentarily; the ?M-001? indicator will flash; press and hold in the microphone?s PTT key, and while holding it in press the [A](MW) key until you hear the double beep. You have now stored the uplink (earth station transmitting) frequency into the same memory register as we did previously for the downlink frequency.
It?s now time to store the other frequencies in the matrix. Return to Multi Function Row ?a? [A/B, A=B, SPL], and press the [A](A/B) key to return to VFOa on 435.080.00 MHz. Now rotate the DIAL knob to set the frequency to 435.075.00 MHz. Press the [A](A/B) key again to select VFOb (145.970 MHz), and rotate the DIAL knob to set the frequency to 145.972.50 MHz. Press the [A](A/B) key to return to VFOa on 435.075.00 MHz.
Return to Multi Function ?b? [MW, SKIP, TAG], and repeat the Split Memory storage process, selecting memory channel M-002 this time when initially storing the 435.075 MHz receiving frequency.
Now repeat this entire process three more times, filling memory channels M-003, M-004, and M-005 with the frequencies shown in the chart above.
When it?s time to operate, press the [V/M] key, if necessary, to recall the Memory mode, and rotate the MEM/VFO CH knob to select channel M-001. This will be the first frequency pair to be utilized during the UO-14 window of workability when it rises above your local horizon. The Doppler effect will cause the nominal 435.070 MHz downlink frequency to appear higher to you, so utilize memory channel M-001 when the satellite first rises. A few minutes later, switch to M-002, and at mid-pass switch to M-003. As the satellite recedes, switch to M-004 and then M-005 toward the end of the pass.
The MEM/VFO CH knob recall of these five channels makes Doppler tracking simple; just choose the memory channel

producing the best signal! You have already programmed
an uplink frequency corresponding to the optimum downlink
frequency, so you will not need to try to make difficult
VFO adjustments during the brief satellite passes.
The FM passbands used on LEO satellites are sufficiently
broad that more precise frequency adjustment is not needed.
To aid in channel identification, remember that you can use
Menu Mode No-056 [MEM TAG] to label each satellite
memory (for example, ?UO-14a? ~ ?UO-14e? for the above
five channels).
A complete set of frequencies may be stored for each LEO
satellite you wish to utilize, and once configured, the FT-
897D provides a flexible and easy-to-use earth station capability
for these popular satellites.

joe petrusinski wrote:
>
> Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte
> details,where i an find full operating manual.JOE
> VK2Jp"73
> ==========
>
> --- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>> wrote:
>
> From: Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>>
> Subject: [FT897] Re: Working Satellites with a 897
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Received: Saturday, 28 March, 2009, 6:46 AM
>
> Tom,
>
> Yep, an appendix on page 68 of the Operation Manual has all the
> details. Having a transceiver that can do band splits is important
> since you will be for an example so-50 has for it's j-fm repeater is
> as following: downlink 436.800 and uplink 145.85 which in the split
> mode allow you to transmit on the uplink and receive on the downlink.
> Today there is some special event either the international space
> station or else will be in range for communications. 73 de N2OBS
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>
> The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.
>
> [Non-text portions of this message have been removed]
>
>

25569. Re: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-03-31 11:50:08 UTC
From: Richard Corfield
Topic: 25547 Message: 25569

If Ham Radio Deluxe can do linked VFOs in split mode then that would seem a good solution. If there's a CAT control system that can predict the shifts needed then it would make things quite easy.

- Richard

2009/3/31 Jim C <liteways@...>

> It is page 69 in the PDF file, but page 68 when you print it out. It is
> the first thing in the appendix, and it is titled "Setup of memories for
> low earth orbit LEO rm satellite operation"
>
>
> joe petrusinski wrote:
> >
> > Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte
> > details,where i an find full operating manual.JOE
> > VK2Jp"73
> > ==
> >
> > --- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...<wucherer1968%40yahoo.com>
> > <mailto:wucherer1968%40yahoo.com <wucherer1968%2540yahoo.com>>> wrote:
> >
> > From: Mister Bad Wrench <wucherer1968@...<wucherer1968%40yahoo.com>
> > <mailto:wucherer1968%40yahoo.com <wucherer1968%2540yahoo.com>>>
> > Subject: [FT897] Re: Working Satellites with a 897
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>
> > Received: Saturday, 28 March, 2009, 6:46 AM
> >
> > Tom,
> >
> > Yep, an appendix on page 68 of the Operation Manual has all the
> > details. Having a transceiver that can do band splits is important
> > since you will be for an example so-50 has for it's j-fm repeater is
> > as following: downlink 436.800 and uplink 145.85 which in the split
> > mode allow you to transmit on the uplink and receive on the downlink.
> > Today there is some special event either the international space
> > station or else will be in range for communications. 73 de N2OBS
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> >
> > The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.
> >
> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

25570. Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 18:52:44 UTC
From: Jack Hamm
Topic: 25570 Message: 25570

Hi all,
I haven't seen this while searching the group history so I figured I'd ask. I carry my 897 between the car and house and I'm tired of taking the DC cord with me. Does anyone know where and what power cord I should get -or- alternatively, what type of connector does it use and do I need a special crimp tool?

Best 73s,
Jack WA1CFS

25571. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 19:02:10 UTC
From: John Dennett
Topic: 25570 Message: 25571

I got one from a guy on Ebay. He had other cables listed so I asked him about a custom one (FT897 to powerpole) and it was $20 shipped.

His email is GRYSTCK@...

Very fast service.

73
John

On Tue, Mar 31, 2009 at 2:52 PM, Jack Hamm <jjhamm@...> wrote:

> Hi all,
> I haven't seen this while searching the group history so I figured I'd
> ask. I carry my 897 between the car and house and I'm tired of taking
> the DC cord with me. Does anyone know where and what power cord I
> should get -or- alternatively, what type of connector does it use and
> do I need a special crimp tool?
>
> Best 73s,
> Jack WA1CFS
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

[Non-text portions of this message have been removed]

25572. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 19:05:39 UTC
From: Larry D. Barr
Topic: 25570 Message: 25572

You can get the plug and pins from Powerwerx too, but here's the
complete cable--

http://www.powerwerx.com/product.asp?ProdID=2018&CtgID=1003

73,
ldb
K5WLF

Jack Hamm wrote:
> Hi all,
> I haven't seen this while searching the group history so I figured I'd
> ask. I carry my 897 between the car and house and I'm tired of taking
> the DC cord with me. Does anyone know where and what power cord I
> should get -or- alternatively, what type of connector does it use and
> do I need a special crimp tool?
>
> Best 73s,
> Jack WA1CFS

25573. Re: Looking for an FT 897D

Yahoo group: FT897 (2009)
Date: 2009-03-31 19:39:36 UTC
From: John
Topic: 25562 Message: 25573

--- In FT897@yahoogroups.com, "John" <n9hxv@...> wrote:
>
>The Radio is Sold Thank You
I ordered an FT 897D today!

> 73 John N9HXV
>

25574. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 19:56:47 UTC
From: Adam Karsin
Topic: 25570 Message: 25574

Hi jack,
I have seen them at tower electronics www.pl-259.com
I think they price about 30 dollars.

73,
Adam
KG4WWH
Adam Karsin
Sent from my BlackBerry? smartphone provided by Nextel.

-----Original Message-----
From: Jack Hamm <jjhamm@...>

Date: Tue, 31 Mar 2009 14:52:44
To: <FT897@yahoogroups.com>
Subject: [FT897] Power cord/connector for FT-897

Hi all,
I haven't seen this while searching the group history so I figured I'd
ask. I carry my 897 between the car and house and I'm tired of taking
the DC cord with me. Does anyone know where and what power cord I
should get -or- alternatively, what type of connector does it use and
do I need a special crimp tool?

Best 73s,
Jack WA1CFS

[Non-text portions of this message have been removed]

25575. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 20:46:54 UTC
From: eric@van-de-weyer.org
Topic: 25570 Message: 25575

Hi Jack,

there are a couple of things you could do.

Firstly you could put a pair of Anderson Powerpoles in the cable about 12" fromthe radio and then use them in your house and in the car to easily swap over the connection. This is what I, and probably many others, have done.

Alternatively, Powerwerx (http://www.powerwerx.com/oem-connectors-filters/) have the various connectors available, as well as the Anderson Powerpoles.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "Adam Karsin" <akarsin@...>
>Date: Tue, 31 Mar 2009 19:56:47 +0000
>Subject: Re: [FT897] Power cord/connector for FT-897
>Reply-To: FT897@yahoogroups.com
>
>
>Hi jack,
>
>I have seen them at tower electronics www.pl-259.com
>
>I think they price about 30 dollars.
>
>
>
>73,
>
>Adam
>
>KG4WWH
>
>Adam Karsin
>
>Sent from my BlackBerry? smartphone provided by Nextel.
>
>
>
>-----Original Message-----
>
>From: Jack Hamm <jjhamm@...>
>
>

>
>Date: Tue, 31 Mar 2009 14:52:44
>
>To: <FT897@yahoogroups.com>
>
>Subject: [FT897] Power cord/connector for FT-897
>
>
>
>
>
>Hi all,
>
>I haven't seen this while searching the group history so I figured I'd
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>ask. I carry my 897 between the car and house and I'm tired of taking
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>should get -or- alternatively, what type of connector does it use and
>
>do I need a special crimp tool?
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>
>
>Best 73s,
>
>Jack WA1CFS
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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25576. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 21:10:13 UTC
From: Geoff Blake
Topic: 25570 Message: 25576

On Wed, 1 Apr 2009 eric@... wrote:

> Hi Jack,
>
> there are a couple of things you could do.
>
> Firstly you could put a pair of Anderson Powerpoles in the cable about 12"
> fromthe radio and then use them in your house and in the car to easily swap
> over the connection. This is what I, and probably many others, have done.
>
> Alternatively, Powerwerx (http://www.powerwerx.com/oem-connectors-filters/
>) have the various connectors available, as well as the Anderson Powerpoles.
>

To add to what Eric has said, the plug/socket on the 897 and most other
types of radio are not designed for constant connecting and disconnecting,
the design limit is probably 100 or so insertions.

As Eric said use powerpoles and space them twelve inches or son from the
radio. The powerpoles will have a longer life and are simply and cheaply
replaced.

I would think that the same applies to the FT817 but more so!

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
the intended recipient please notify
<postmaster(at)palaemon.demon.co.uk>
and the sender by return and permanently delete the message.

You may not disclose, forward or copy this E-mail or any of
its attachments to any third party without the prior consent
of the sender.

25577. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-03-31 22:02:13 UTC
From: Lou Roux
Topic: 25570 Message: 25577

Hi Jack,

Check on e-Bay, there are many power cables offered for the 897 and
they're inexpensive.

GL es 73,

Lou - W6UR

Jack Hamm wrote:
> Hi all,
> I haven't seen this while searching the group history so I figured I'd
> ask. I carry my 897 between the car and house and I'm tired of taking
> the DC cord with me. Does anyone know where and what power cord I
> should get -or- alternatively, what type of connector does it use and
> do I need a special crimp tool?
>
> Best 73s,
> Jack WA1CFS
>
>
> ------------------------------------
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> Yahoo! Groups Links
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25578. YAESU to introduce VHF/UHF power amp for QUADRA!

Yahoo group: FT897 (2009)
Date: 2009-04-01 17:38:41 UTC
From: kc3vo@aol.com
Topic: 25578 Message: 25578

Expect to see the NEW YAESU VL-500X2/70 at DAYTON!? This addition to the HF/6 meter QUADRA VL-1000 amplifier will enable you to have 500 watts output on 2 meters and 70 cm, by simply connecting it to your existing QUADRA power supply. The dual band amplifier has selectable drive requirements, of 10 or 50 watts,? dual antenna ports for each band, internal protection from excess voltage, SWR, overtemperature, overcurrent, and overdrive. The basic unit is in a cabinet that matches the VL-1000, and contains space for 2?expansion?modules. Other modules available are: 222-225 mhz @ 500 watts,? 902-928 mhz @ 300 watts,? 1240-1296 mhz @ 100 watts, and 2300-2400 mhz @ 75 watts. These additional modules allow drive levels of 1 or 10 watts. The front panel has a peak-reading R.F. power display, overload reset and indicator, power/standby switch,?receive pre-amp on/off, ?temperature warning indicator, and active band indicator. Estimated pricing is as listed below. (All modules include low-noise pre-amp)
? Dual band amplifiers, with cabinet VL-500X2/70?-includes cables to connect to your VL-1000 power supply $2195.00
? 48 volt 25 ampere power supply(for use wihout VL-1000 QUADRA)
VP-500X2/70----------? $995.00
?? VL-222/500 power module for 500 watts @ 222-225mhz----------$695.00
?? VL-900/300 power module for 300 watts @ 902-928mhz----------$695.00
?? VL-1296/100 power module for 100 watts @ 1240-1296
mhz----------$895.00
?? VL-2304/75 power module for 75 watts @ 2300-2400
mhz----------$995.00
?It is anticipated that "Package Deals" will be offered at Dayton, for a limited time, allowing the purchase of the main 2 meter 70 cm unit with any 3 modules for the special price of $4,120.09----------73, KC3VO-Bob Curry

[Non-text portions of this message have been removed]

25579. Re: [FT897] Power cord/connector for FT-897

Yahoo group: FT897 (2009)
Date: 2009-04-01 21:22:47 UTC
From: Dennis Willson
Topic: 25570 Message: 25579

I went to my local HRO and they had them in stock

On Tue, 31 Mar 2009 14:52:44 -0400
Jack Hamm <jjhamm@...> wrote:
>Hi all,
>I haven't seen this while searching the group history so I figured
>I'd
>ask. I carry my 897 between the car and house and I'm tired of
>taking
>the DC cord with me. Does anyone know where and what power cord I
>should get -or- alternatively, what type of connector does it use and
>do I need a special crimp tool?
>
>Best 73s,
>Jack WA1CFS
>
>
>------------------------------------
>
>Yahoo! Groups Links
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>

Dennis Willson

taz@...
http://www.taz-mania.com

Ham (Extra Class w/code): KA6LSW
GMRS : WQGF680
Scuba: Rescue Diver, EANx, Wreck, Night, Alt,
Equip, UW Photographer, Gas Blender

Life should not be a journey to the grave with the intention of
arriving safely in a nice looking and well preserved body, but rather
to skid in broadside, thoroughly used up, totally worn out, and loudly
proclaiming, "WOW! WHAT A RIDE!"

25580. Ham Radio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-04-02 03:42:48 UTC
From: Adam Filkins - KD8CCX
Topic: 25578 Message: 25580

Hello,
I am setting up a new computer and HRD and I cannot get it to read the Frequency on my rig. I am using HRD v4. I have run this same set up before, and never had a problem. Is there a chance that I am missing something? (A very good chance I am sure - Hi Hi). I have Echolink and UI-View working without a problem.

Any help would be appreciated.

Thanks and 73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

[Non-text portions of this message have been removed]

25581. RES: [FT897] Re: Working Satellites with a 897

Yahoo group: FT897 (2009)
Date: 2009-04-01 00:00:28 UTC
From: Mauricio
Topic: 25547 Message: 25581

Jim

Great e-mail .

I am repass this for friends here in Brasil.

Best regards

PY2ONX Mauricio Lopes

GG66PH

-----Mensagem original-----
De: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] Em nome de Jim C
Enviada em: terça-feira, 31 de março de 2009 08:32
Para: FT897@yahoogroups.com
Assunto: Re: [FT897] Re: Working Satellites with a 897

APPENDIX
SETUP OF MEMORIES FOR LOW EARTH ORBIT (LEO) FM SATELLITE OPERATION
Although the FT-897D is not capable of ☐full duplex☐ operation
(simultaneous transmission and reception), its flexible
memory system is ideal for configuring a set of memories
for LEO satellite work.
The example below is designed around the popular satellite
UO-14, but the same principles apply to operation using
AO-27, SO-35, and other such satellites.
First, set up a table of the required operating frequencies.
For UO-14, a typical setup table is shown below:
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3 435.070 145.975.0 Mid Pass
4 435.065 145.977.5
5 435.060 145.980.0 LOS
AOS = Acquisition of Signal (Beginning of Pass)
LOS = Loss of Signal (End of Pass)
The above frequencies are nominal, and the changing frequencies
reflects the Doppler Shift which occurs on such
satellites, which display rapid apparent motion relative to
an earth-based observer. But if we can accommodate a set
of several frequency pairs in our memory system, frequencies
that reflect the frequency relationships encountered
during a typical pass, we will have a good chance of having
our frequencies properly aligned when it is time for making
a QSO.

So we need to store the above frequency matrix into memories. Note that the receiving frequency and transmitting frequency are on different bands. Therefore, we will use the ☐Split Frequency Memory☐ storage technique described on page 42.

First, press the [F] key momentarily, then rotate the MEM/VFO CH knob to select Multi Function Row ☐a☐ [A/B, A=B, SPL]. Press the [A](A/B) key, if necessary, to select VFOa.

Now press the BAND(DWN) or BAND(UP) key to select the 70 cm band. Check the setting of Menu Mode No-004 [AM&FM DIAL]. and set this to ☐ENABLE☐ to allow smaller frequency increments to be accommodated.

Set the VFOa operating frequency to 435.0800.00 MHz.

Now press the [A](A/B) key in Multi Function Row ☐a☐ to select VFOb, and set VFOb to 145.970.00 MHz. Again press the [A](A/B) key to return to VFOa. Be sure that both VFOs are set to the FM mode, as well.

Press the [F] key momentarily, and rotate the MEM/VFO CH knob one click clockwise to select Multi Function Row ☐b☐ [MW, SKIP, TAG].

Press the [A](MW) key momentarily, then rotate the MEM/VFO CH knob while the memory channel number is blinking; select memory channel M-001, then press and hold in the [A](MW) key until you hear the double beep. We have just stored the first downlink (earth station receiving) frequency into memory.

Press the [F] key momentarily, then rotate the MEM/VFO CH knob one click counter-clockwise to re-select Multi Function Row ☐a☐ [A/B, A=B, SPL]. Press the [A](A/B) key to select VFOb (145.970 MHz).

Again press the [F] key momentarily, and rotate the MEM/VFO CH knob one click clockwise to re-select Multi Function Row ☐b☐ [MW, SKIP, TAG]. Press the [A](MW) key momentarily; the ☐M-001☐ indicator will flash; press and hold in the microphone☐s PTT key, and while holding it in press the [A](MW) key until you hear the double beep. You have now stored the uplink (earth station transmitting) frequency into the same memory register as we did previously for the downlink frequency.

It☐s now time to store the other frequencies in the matrix. Return to Multi Function Row ☐a☐ [A/B, A=B, SPL], and press the [A](A/B) key to return to VFOa on 435.080.00 MHz. Now rotate the DIAL knob to set the frequency to 435.075.00 MHz. Press the [A](A/B) key again to select VFOb (145.970 MHz), and rotate the DIAL knob to set the frequency to 145.972.50 MHz. Press the [A](A/B) key to return to VFOa on 435.075.00 MHz.

Return to Multi Function ☐b☐ [MW, SKIP, TAG], and repeat the Split Memory storage process, selecting memory channel

M-002 this time when initially storing the 435.075 MHz
receiving frequency.
Now repeat this entire process three more times, filling
memory channels M-003, M-004, and M-005 with the frequencies
shown in the chart above.
When it□s time to operate, press the [V/M] key, if necessary,
to recall the Memory mode, and rotate the MEM/VFO CH
knob to select channel M-001. This will be the first frequency
pair to be utilized during the UO-14 window of
workability when it rises above your local horizon. The
Doppler effect will cause the nominal 435.070 MHz downlink
frequency to appear higher to you, so utilize memory
channel M-001 when the satellite first rises. A few minutes
later, switch to M-002, and at mid-pass switch to M-003.
As the satellite recedes, switch to M-004 and then M-005
toward the end of the pass.
The MEM/VFO CH knob recall of these five channels makes
Doppler tracking simple; just choose the memory channel
producing the best signal! You have already programmed
an uplink frequency corresponding to the optimum downlink
frequency, so you will not need to try to make difficult
VFO adjustments during the brief satellite passes.
The FM passbands used on LEO satellites are sufficiently
broad that more precise frequency adjustment is not needed.
To aid in channel identification, remember that you can use
Menu Mode No-056 [MEM TAG] to label each satellite
memory (for example, □UO-14a□ ~ □UO-14e□ for the above
five channels).
A complete set of frequencies may be stored for each LEO
satellite you wish to utilize, and once configured, the FT-
897D provides a flexible and easy-to-use earth station capability
for these popular satellites.

joe petrusinski wrote:
>
> Hi ,page 68 on my FT-897D is optional Assesoories NOT Sattelitte
> details,where i an find full operating manual.JOE
> VK2Jp"73
> ==========
>
> --- On Sat, 28/3/09, Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>> wrote:
>
> From: Mister Bad Wrench <wucherer1968@...
> <mailto:wucherer1968%40yahoo.com>>
> Subject: [FT897] Re: Working Satellites with a 897
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Received: Saturday, 28 March, 2009, 6:46 AM
>
> Tom,

>
> Yep, an appendix on page 68 of the Operation Manual has all the
> details. Having a transceiver that can do band splits is important
> since you will be for an example so-50 has for it's j-fm repeater is
> as following: downlink 436.800 and uplink 145.85 which in the split
> mode allow you to transmit on the uplink and receive on the downlink.
> Today there is some special event either the international space
> station or else will be in range for communications. 73 de N2OBS
>
>
>
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>
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>
>
>
>
>
> The new Internet Explorer 8 optimised for Yahoo!7: Faster, Safer, Easier.
>
> [Non-text portions of this message have been removed]
>
>

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.33/2031 - Release Date: 03/30/09
17:56:00

25582. USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-03-31 23:42:53 UTC
From: morseham
Topic: 25582 Message: 25582

I have noticed that the audio frequency response is not balanced between USB and LSB. USB seems to be normal and LSB seems to be set for a little more high frequency response (not desireable). I can adjust for this by turning on the IF shift. This is a rather clumsy way of adjusting the audio response, however. Is there an internal adjustment to balance the audio response so that when switching between USB & LSB the difference will be un-noticeable?

Paul N6XS
Fontana CA

25583. FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-03-30 21:06:21 UTC
From: odessaspikes@sbcglobal.net
Topic: 25583 Message: 25583

Hello,
Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
I just wanted to know before I start poking around inside it.
Thanks
Jeff KD5QDO EL39

25584. Re: [FT897] USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 07:26:15 UTC
From: Richard Corfield
Topic: 25582 Message: 25584

I don't know off hand, but in the menu (hold down F key) you can set up
different offsets for USB and LSB which can taylor this.

- Richard

2009/4/1 morseham <morseham@...>

> I have noticed that the audio frequency response is not balanced between
> USB and LSB. USB seems to be normal and LSB seems to be set for a little
> more high frequency response (not desireable). I can adjust for this by
> turning on the IF shift. This is a rather clumsy way of adjusting the audio
> response, however. Is there an internal adjustment to balance the audio
> response so that when switching between USB & LSB the difference will be
> un-noticeable?
>
> Paul N6XS
> Fontana CA
>
>
>

[Non-text portions of this message have been removed]

25585. Re: [FT897] Ham Radio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-04-02 09:30:18 UTC
From: P Grant
Topic: 10004 Message: 25585

Hi Adam,
Just a simple question ? has your computer told you what port is being used ?????
[recognised]
.... Have you inserted FT897 ??? in the "what rig box"
I had that [simple] problem running digi modes with my HRD software. when starting up.
73 Peter EI4HX<ei4hxperimental@...>
----- Original Message -----
From: Adam Filkins - KD8CCX
To: FT897@yahoogroups.com
Sent: Thursday, April 02, 2009 3:42 AM
Subject: [FT897] Ham Radio Deluxe

Hello,
I am setting up a new computer and HRD and I cannot get it to read the
Frequency on my rig. I am using HRD v4. I have run this same set up
before, and never had a problem. Is there a chance that I am missing
something? (A very good chance I am sure - Hi Hi). I have Echolink and
UI-View working without a problem.

Any help would be appreciated.

Thanks and 73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25586. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 11:48:25 UTC
From: Steve Yates
Topic: 25582 Message: 25586

Check menus 015 and 017. The default is 0Hz. Any other shift and they should be set opposite of each other, like -200Hz and +200Hz for equal shift on but sidebands.

73,
Steve - AA5TB
Fort Worth

25587. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:01:23 UTC
From: Hank
Topic: 25582 Message: 25587

For some reason, I do not have a menu 015 and 017. When I access the menus, and go through them, it jumps from menu 014 to 022. Why would that be?

73,

KB4MTO / Hank

--- In FT897@yahoogroups.com, "Steve Yates" <steve@...> wrote:
>
> Check menus 015 and 017. The default is 0Hz. Any other shift and they should be set opposite of each other, like -200Hz and +200Hz for equal shift on but sidebands.
>
> 73,
> Steve - AA5TB
> Fort Worth
>

25588. Re: [FT897] FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:04:19 UTC
From: D F
Topic: 25583 Message: 25588

I do not recall any fuses or breakers inside the radio. Check all connections, as that is most likely the problem. If you are using the Molex connector, disconnect it, then reconnect it. I have found that sometimes the connection isn't as "strong" as is should be. If you have made or "fabricated" a connection (such as adding a crimp-on connector), sometimes that may fail. If you crimped on a connector, check those. Give all connections a good wiggle, then a good "push-in/pull-out" to see if there may be a loose connection. I solder all connectors as crimps can get bad connections or corrode causing headaches as you are experiencing. If all checks ok, you may have a problem internally, however, from what you described it sounds like a connection problem and may not be anything serious.

Dennis - N8BMB

From: "odessaspikes@sbcglobal.net" <odessaspikes@...>
To: FT897@yahoogroups.com
Sent: Monday, March 30, 2009 4:06:21 PM
Subject: [FT897] FT-897D won't power up

Hello,
Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
I just wanted to know before I start poking around inside it.
Thanks
Jeff KD5QDO EL39

[Non-text portions of this message have been removed]

25589. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:11:07 UTC
From: Ken Bandy
Topic: 25582 Message: 25589

Make sure Menu No. 001: EXT MENU is set to "ON"

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> For some reason, I do not have a menu 015 and 017. When I access the menus, and go through them, it jumps from menu 014 to 022. Why would that be?
>
> 73,
>
> KB4MTO / Hank
>

25590. Strange Question

Yahoo group: FT897 (2009)
Date: Unix timestamp -125527056394 [implausible archived timestamp]
From: Mister Bad Wrench
Topic: 25590 Message: 25590

Good Morning Group,

On the right top corner when you press the [F] button to gain access to the menu mode. There is either a [-] dash or [.] dot when you press the skip button [A]. What does the dash or dot represent?

73 de N2OBS

25591. Re: [FT897] Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:23:48 UTC
From: Harold Burton
Topic: 25582 Message: 25591

You might want to look at menu item #1 and see if the extended menu is enabled.

Harold
KD5SAK

----- Original Message -----
From: "Hank" <hank@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, April 02, 2009 8:01 AM
Subject: [FT897] Re: USB/LSB receive audio passband

> For some reason, I do not have a menu 015 and 017. When I access the
> menus, and go through them, it jumps from menu 014 to 022. Why would that
> be?
>
> 73,
>
> KB4MTO / Hank
>
> --- In FT897@yahoogroups.com, "Steve Yates" <steve@...> wrote:
>>
>> Check menus 015 and 017. The default is 0Hz. Any other shift and they
>> should be set opposite of each other, like -200Hz and +200Hz for equal
>> shift on but sidebands.
>>
>> 73,
>> Steve - AA5TB
>> Fort Worth
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
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25592. Re: [FT897] Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:24:51 UTC
From: Richard Corfield
Topic: 25582 Message: 25592

First menus "Extende Menu". Turn this on. Then you get all menu items.

A nice feature is that you can use the "Skip" button (Button A) to determine whether the menu you're looking at is one of the extended ones or not, so you can customise the non-extended menu. I have (or had before my radio died) quite a limited set of non-extended menu with just the frequently used things on. The symbol top right changes from square to minus depending on whether it's skip or not. I don't remember which way that is.

- Richard

2009/4/2 Hank <hank@...>

> For some reason, I do not have a menu 015 and 017. When I access the
> menus, and go through them, it jumps from menu 014 to 022. Why would that
> be?
>
> 73,
>
> KB4MTO / Hank
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Steve Yates"
> <steve@...> wrote:
> >
> > Check menus 015 and 017. The default is 0Hz. Any other shift and they
> should be set opposite of each other, like -200Hz and +200Hz for equal shift
> on but sidebands.
> >
> > 73,
> > Steve - AA5TB
> > Fort Worth
> >
>
>
>

[Non-text portions of this message have been removed]

25593. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:33:11 UTC
From: Hank
Topic: 25582 Message: 25593

Thanks! That was it; I realy have a lot to learn.

73,

KB4MTO/Hank

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> Make sure Menu No. 001: EXT MENU is set to "ON"
>
> 73,
> Ken
> KJ9B
>
> --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> >
> > For some reason, I do not have a menu 015 and 017. When I access the menus, and go through them, it jumps from menu 014 to 022. Why would that be?
> >
> > 73,
> >
> > KB4MTO / Hank
> >
>

25594. Re: [FT897] Strange Question

Yahoo group: FT897 (2009)
Date: 2009-04-01 14:25:48 UTC
From: customgraphics!
Topic: 25590 Message: 25594

whether or not it skips that menu option when "ext menu" when No-001 is off
:)

----- Original Message -----
From: "Mister Bad Wrench" <wucherer1968@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, April 02, 2009 8:13 AM
Subject: [FT897] Strange Question

Good Morning Group,

On the right top corner when you press the [F] button to gain access to the menu mode. There is either a [-] dash or [.] dot when you press the skip button [A]. What does the dash or dot represent?

73 de N2OBS

25595. Re: FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 15:10:00 UTC
From: Tom
Topic: 25583 Message: 25595

Recently, I experienced a very similar problem with my 897D. Indeed, it was caused by a loosened power chord connection. I have heard that some other people have experienced a similar problem with their units as well!
Check that main power chord. As recommended previously, disconnect it - reconnect it- be sure you give it a good PUSH in to see that it is, indeed seated fully, - you should be back in business!
Let us know how you make out...!
73!
Tom KC8TBY

--- In FT897@yahoogroups.com, D F <n8bmb1@...> wrote:
>
> I do not recall any fuses or breakers inside the radio. Check all connections, as that is most likely the problem. If you are using the Molex connector, disconnect it, then reconnect it. I have found that sometimes the connection isn't as "strong" as is should be. If you have made or "fabricated" a connection (such as adding a crimp-on connector), sometimes that may fail. If you crimped on a connector, check those. Give all connections a good wiggle, then a good "push-in/pull-out" to see if there may be a loose connection. I solder all connectors as crimps can get bad connections or corrode causing headaches as you are experiencing. If all checks ok, you may have a problem internally, however, from what you described it sounds like a connection problem and may not be anything serious.
>
> Dennis - N8BMB
>
>
>
>
> _____
> From: "odessaspikes@..." <odessaspikes@...>
> To: FT897@yahoogroups.com
> Sent: Monday, March 30, 2009 4:06:21 PM
> Subject: [FT897] FT-897D won't power up
>
>
> Hello,
> Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
> I just wanted to know before I start poking around inside it.
> Thanks
> Jeff KD5QDO EL39
>
>
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

25596. Re: Strange Question

Yahoo group: FT897 (2009)
Date: 2009-04-02 15:29:31 UTC
From: Mister Bad Wrench
Topic: 25590 Message: 25596

Customgraphics! Renee Thomas,

Okey, so the icon [-] dash means it will display with the extended menu is activated and [.] dot will not display. Thanks for the explanation. 73 de N2OBS

25597. Re: FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 15:59:05 UTC
From: Rob - W1AEX
Topic: 25583 Message: 25597

Hi Jeff,

If it turns out that the problem is not an external issue with connectors or cords, I would suggest that you download the DG2IAQ modification sheet for the 897/857 rigs. There is a section called "FT-897 Won't Power On" that identifies three common failures in the rig (and how to repair them) that will cause this.

http://www.qth.at/dg2iaq/mods.htm

As others have indicated, it is almost always something external that causes these symptoms. In my case, when this did occur, it was a flaky inline fuse holder that no longer had continuity even though the fuse was fine. It turned out to be a bad crimp on the connector inside the fuse holder.

Good luck!

Rob W1AEX

--- In FT897@yahoogroups.com, "odessaspikes@..." <odessaspikes@...> wrote:
>
> Hello,
> Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
> I just wanted to know before I start poking around inside it.
> Thanks
> Jeff KD5QDO EL39
>

25598. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 16:15:19 UTC
From: Rob - W1AEX
Topic: 25582 Message: 25598

Hi Paul,

My 897D had the same issue, which as you stated, could be worked around with the IF shift, but I found it annoying. In my case it turned out that the LSB carrier point was not optimally adjusted in the service menu. I ended up entering the service menu and adjusting item 067 until the LSB and USB carrier points were offset by exactly the same amount. Now with user menu items 015 and 017 set at "0" the audio response in USB is exactly the same as LSB. A great tool for doing this adjustment is the "modify" program located in the files section of this group (posted by VA3CGT). It allows you to save all your stock service menu settings so they can be restored if they are ever corrupted. It also allows you to change service menu settings on the fly. Keep in mind that entering the service menu is not a venture to attempt if you are not absolutely certain you know what you are doing as it is possible to cripple your rig very easily with one blunder. It is the digital equivalent of the "golden screwdriver" syndrome of analog days. It would be wise to read the service manual thoroughly before attempting this.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "morseham" <morseham@...> wrote:
>
> I have noticed that the audio frequency response is not balanced between USB and LSB. USB seems to be normal and LSB seems to be set for a little more high frequency response (not desireable). I can adjust for this by turning on the IF shift. This is a rather clumsy way of adjusting the audio response, however. Is there an internal adjustment to balance the audio response so that when switching between USB & LSB the difference will be un-noticeable?
>
> Paul N6XS
> Fontana CA
>

25599. Re: FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 16:47:46 UTC
From: Ken Bandy
Topic: 25583 Message: 25599

One other thing that I don't recall seeing mentioned is that the one or more of the pins in the power connector could be not seated all of the way, and "backed out" a little to where it's not making good contact.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "Rob - W1AEX" <w1aex.fn31@...> wrote:

> --- In FT897@yahoogroups.com, "odessaspikes@" <odessaspikes@> wrote:
> >
> > Hello,
> > Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
> > I just wanted to know before I start poking around inside it.
> > Thanks
> > Jeff KD5QDO EL39
> >
>

25600. Re: [FT897] Re: FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 19:49:31 UTC
From: Odessa Spikes
Topic: 25583 Message: 25600

Thanks
Jeff

From: Ken Bandy <kj9b@arrl.net>
To: FT897@yahoogroups.com
Sent: Thursday, April 2, 2009 11:47:46 AM
Subject: [FT897] Re: FT-897D won't power up

One other thing that I don't recall seeing mentioned is that the one or more of the pins in the power connector could be not seated all of the way, and "backed out" a little to where it's not making good contact.

73,
Ken
KJ9B

--- In FT897@yahoogroups. com, "Rob - W1AEX" <w1aex.fn31@ ...> wrote:

> --- In FT897@yahoogroups. com, "odessaspikes@ " <odessaspikes@ > wrote:
> >
> > Hello,
> > Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
> > I just wanted to know before I start poking around inside it.
> > Thanks
> > Jeff KD5QDO EL39
> >
>

[Non-text portions of this message have been removed]

25601. Re: [FT897] Re: FT-897D won't power up

Yahoo group: FT897 (2009)
Date: 2009-04-02 19:48:39 UTC
From: Odessa Spikes
Topic: 25583 Message: 25601

Thanks
Jefff

From: Tom <kerryguy7@yahoo.com>
To: FT897@yahoogroups.com
Sent: Thursday, April 2, 2009 10:10:00 AM
Subject: [FT897] Re: FT-897D won't power up

Recently, I experienced a very similar problem with my 897D. Indeed, it was caused by a loosened power chord connection. I have heard that some other people have experienced a similar problem with their units as well!
Check that main power chord. As recommended previously, disconnect it - reconnect it- be sure you give it a good PUSH in to see that it is, indeed seated fully, - you should be back in business!
Let us know how you make out...!
73!
Tom KC8TBY

--- In FT897@yahoogroups. com, D F <n8bmb1@...> wrote:
>
> I do not recall any fuses or breakers inside the radio. Check all connections, as that is most likely the problem. If you are using the Molex connector, disconnect it, then reconnect it. I have found that sometimes the connection isn't as "strong" as is should be. If you have made or "fabricated" a connection (such as adding a crimp-on connector), sometimes that may fail. If you crimped on a connector, check those. Give all connections a good wiggle, then a good "push-in/pull- out" to see if there may be a loose connection. I solder all connectors as crimps can get bad connections or corrode causing headaches as you are experiencing. If all checks ok, you may have a problem internally, however, from what you described it sounds like a connection problem and may not be anything serious.
>
> Dennis - N8BMB
>
>
>
>
> ___________ _________ _________ __
> From: "odessaspikes@ ..." <odessaspikes@ ...>
> To: FT897@yahoogroups. com
> Sent: Monday, March 30, 2009 4:06:21 PM
> Subject: [FT897] FT-897D won't power up
>
>
> Hello,
> Does the 897 have any internal fuses or breakers than can prevent the unit from powering up? Mine worked fine last night when I turned it off, and today it wont do anything. Power

supply and cables are ok and there are no signs of smoke or fire. Hi Hi!
> I just wanted to know before I start poking around inside it.
> Thanks
> Jeff KD5QDO EL39
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25602. Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-02 12:47:47 UTC
From: Steve Twigg
Topic: 25602 Message: 25602

Hi All!
Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience witheither event.

AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?

Thanks!
W9SWT

25603. RE: [FT897] Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-02 13:03:46 UTC
From: Cliff Bryant
Topic: 25582 Message: 25603

You need to go to menu 1 and enable EXT MENU first to get the extended menus displayed.

I just went through the same process myself.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
Sent: 02 April 2009 14:01
To: FT897@yahoogroups.com
Subject: [FT897] Re: USB/LSB receive audio passband

For some reason, I do not have a menu 015 and 017. When I access the menus, and go through them, it jumps from menu 014 to 022. Why would that be?

73,

KB4MTO / Hank

[Non-text portions of this message have been removed]

25604. LDG AT-897

Yahoo group: FT897 (2009)
Date: 2009-04-03 02:20:25 UTC
From: k4lmp
Topic: 4753 Message: 25604

This is for the people who use the AT-897 Tuner. I have an FC-30 that I like, it does what I want. I purchased an AT-897 tuner because of the extra CAT port on the back. When I tune with the LDG tuner, it "clacks" exactly like the FC-30. I thought the LDG tuner was quiet. Also, if the tuner doesn't have a frequency in memory, the SWR will climb way up and the "Hi SWR" icon displays on the radio. The tuner will tune down, but I don't know if it is normal for all of the above or not. I don't want to damage the finals on my new 897. One other thing, when I tune, or transmit, my dehumidifier on the other side of the room will turn on, then off when I stop transmitting, or when the tuner turns the transmit off. I assume RF is getting into the dehumidifer, but, it did not do this with the FC-30. Let me know what you think. Thanks. Jeff K4LMP

25605. Connection of the FC-30 Antenna tuner and the CAT cable for HRD

Yahoo group: FT897 (2009)
Date: 2009-04-02 16:45:26 UTC
From: Donald Dubuque
Topic: 25605 Message: 25605

I would like to know if the antenna tuner data cable needs to be installed when ever you TX on the radio. If so how does one keep HRD connected to the radio? They both share the same connection point on the radio.

25606. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-03 06:16:57 UTC
From: morseham
Topic: 25582 Message: 25606

Thank you Rob. You are on target with the issue. Everyone else was pointing at a frequency offset issue which this is not. It is an audio passband issue and is in the IF portion of the receiver and related to the IF shift.... I will give your suggestion some thought and see if that works for me...

Again, Rob, many thanks.

73
Paul N6XS

AR

--- In FT897@yahoogroups.com, "Rob - W1AEX" <w1aex.fn31@...> wrote:
>
> Hi Paul,
>
> My 897D had the same issue, which as you stated, could be worked around with the IF shift, but I found it annoying. In my case it turned out that the LSB carrier point was not optimally adjusted in the service menu. I ended up entering the service menu and adjusting item 067 until the LSB and USB carrier points were offset by exactly the same amount. Now with user menu items 015 and 017 set at "0" the audio response in USB is exactly the same as LSB. A great tool for doing this adjustment is the "modify" program located in the files section of this group (posted by VA3CGT). It allows you to save all your stock service menu settings so they can be restored if they are ever corrupted. It also allows you to change service menu settings on the fly. Keep in mind that entering the service menu is not a venture to attempt if you are not absolutely certain you know what you are doing as it is possible to cripple your rig very easily with one blunder. It is the digital equivalent of the "golden screwdriver" syndrome of analog days. It would be wise to read the service manual thoroughly before attempting this.
>
> 73,
>
> Rob W1AEX
>
>
> --- In FT897@yahoogroups.com, "morseham" <morseham@> wrote:
> >
> > I have noticed that the audio frequency response is not balanced between USB and LSB. USB seems to be normal and LSB seems to be set for a little more high frequency response (not desireable). I can adjust for this by turning on the IF shift. This is a rather clumsy way of adjusting the audio response, however. Is there an internal adjustment to balance the audio response so that when switching between USB & LSB the difference will be un-noticeable?
> >
> > Paul N6XS
> > Fontana CA

> >
>

25607. Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-03 13:33:03 UTC
From: Bill
Topic: 25602 Message: 25607

--- In FT897@yahoogroups.com, "Steve Twigg" <stevetwigg@...> wrote:
>
> Hi All!
> Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience with either event.
>
> AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?
>
> Thanks!
> W9SWT
>
Steven,
You may want to try Eham, QTH or QRZ.com for a deal.
I purchased several rigs, etc. from one or the other
on-line forums and have always had good deals. Most
of the sellers have phone numbers and you can check
with them for particulars.
My last was a mint FT-897D with AT-897 in like new
condition for $600. I've had it for about 6 months
and it has always worked(s) well along with the tuner.
Just a suggestion, as I know, new with warranty, is
attractive for many of us and you can also get good
deals from the distributors at times.
So far, all my purchases here at the three mentioned
forums have been excellent deals, tax free and less than most.
I'm only 30 miles from AES and I like to go there for
parts and look at the new rigs and they have an enticing
array of equipment.
Good luck and good hunting,
Bill
k3waw

25608. Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-03 18:16:02 UTC
From: dyarnes1
Topic: 25602 Message: 25608

I have rarely seen sale prices better than those you find at Dayton. In fact, I'm not sure I've ever seen sale prices better than at Dayton, unless it was something like a closeout price offered subsequently. I would bet you would be wise to do your shopping at Dayton. I may be wrong, but I suspect that the current sluggish economy might make this a particularly good year for deals at Dayton.

Dave W7AQK

--- In FT897@yahoogroups.com, "Steve Twigg" <stevetwigg@...> wrote:
>
> Hi All!
> Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience witheither event.
>
> AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?
>
> Thanks!
> W9SWT
>

25609. Re: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-03 19:21:29 UTC
From: N4CQR
Topic: 25602 Message: 25609

In all but the most extreme cases, if you buy from an Ohio dealer at Dayton, you WILL be charged Ohio Sales Tax. Which I have found to be far more than shipping costs, all things being equal.

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R: http://groups.yahoo.com/group/VX8R/

--- On Fri, 4/3/09, dyarnes1 <w7aqk@...> wrote:

> From: dyarnes1 <w7aqk@...>
> Subject: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?
> To: FT897@yahoogroups.com
> Date: Friday, April 3, 2009, 2:16 PM
> I have rarely seen sale prices better than those you find at
> Dayton. In fact, I'm not sure I've ever seen sale
> prices better than at Dayton, unless it was something like a
> closeout price offered subsequently. I would bet you would
> be wise to do your shopping at Dayton. I may be wrong, but
> I suspect that the current sluggish economy might make this
> a particularly good year for deals at Dayton.
>
> Dave W7AQK

25610. Re: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-03 19:25:49 UTC
From: mack bolan
Topic: 25602 Message: 25610

you can also ask AES what their Dayton prive could be

--- On Fri, 4/3/09, dyarnes1 <w7aqk@...> wrote:

From: dyarnes1 <w7aqk@...>
Subject: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?
To: FT897@yahoogroups.com
Date: Friday, April 3, 2009, 1:16 PM

I have rarely seen sale prices better than those you find at Dayton. In fact, I'm not sure I've ever seen sale prices better than at Dayton, unless it was something like a closeout price offered subsequently. I would bet you would be wise to do your shopping at Dayton. I may be wrong, but I suspect that the current sluggish economy might make this a particularly good year for deals at Dayton.

Dave W7AQK

--- In FT897@yahoogroups. com, "Steve Twigg" <stevetwigg@ ...> wrote:

>

> Hi All!

> Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience witheither event.

>

> AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?

>

> Thanks!

> W9SWT

>

[Non-text portions of this message have been removed]

25611. Re: USB/LSB receive audio passband

Yahoo group: FT897 (2009)
Date: 2009-04-03 20:04:26 UTC
From: Steve Yates
Topic: 25582 Message: 25611

Paul,

Menus 015 and 017 are not frequency offsets even though it is read in Hz. It is how much the IF passband is shifted in Hz. I would check these settings first before messing with the factory settings.

73,
Steve Yates - AA5TB

--- In FT897@yahoogroups.com, "morseham" <morseham@...> wrote:
>
> Thank you Rob. You are on target with the issue. Everyone else was pointing at a frequency offset issue which this is not. It is an audio passband issue and is in the IF portion of the receiver and related to the IF shift.... I will give your suggestion some thought and see if that works for me...
>
> Again, Rob, many thanks.
>
> 73
> Paul N6XS
>
> AR
> --- In FT897@yahoogroups.com, "Steve Yates" <steve@...> wrote:
>
> Check menus 015 and 017. The default is 0Hz. Any other shift and they should be set opposite of each other, like -200Hz and +200Hz for equal shift on but sidebands.
>
> 73,
> Steve - AA5TB
> Fort Worth
>

25612. Does the SWR meter function on V/UHF?

Yahoo group: FT897 (2009)
Date: 2009-04-03 17:42:49 UTC
From: drakcap3
Topic: 25612 Message: 25612

Does the SWR meter function on V/UHF?

Thanks,
Nick

25613. Re: [FT897] Does the SWR meter function on V/UHF?

Yahoo group: FT897 (2009)
Date: 2009-04-04 06:10:56 UTC
From: jer1538a@aol.com
Topic: 25612 Message: 25613

YES

****
Hurry! April 15th is almost here. File your Federal taxes
FREE with TaxACT.
(http://pr.atwola.com/promoclk/100126575x1220239440x1201335902/aol?redir=http:%2F%2Fwww.taxact.com%2F08tax.asp%3Fsc%3D084102950001%26p%3D82)

[Non-text portions of this message have been removed]

25614. Re: [FT897] Does the SWR meter function on V/UHF?

Yahoo group: FT897 (2009)
Date: 2009-04-04 11:28:27 UTC
From: Jim C
Topic: 25612 Message: 25614

mine does

drakcap3 wrote:
>
> Does the SWR meter function on V/UHF?
>
> Thanks,
> Nick
>
>

25615. Re: [FT897] Does the SWR meter function on V/UHF?

Yahoo group: FT897 (2009)
Date: 2009-04-04 11:33:27 UTC
From: dave.stockton@yahoo.com
Topic: 25612 Message: 25615

I think mine does. Don't trust it though. I'd reccomend an external 1 just to be sure.
M649A

Dave
Sent from my BlackBerry? wireless device

-----Original Message-----
From: Jim C <liteways@...>

Date: Sat, 04 Apr 2009 07:28:27
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] Does the SWR meter function on V/UHF?

mine does

drakcap3 wrote:
>
> Does the SWR meter function on V/UHF?
>
> Thanks,
> Nick
>
>

[Non-text portions of this message have been removed]

25616. Re: [FT897] Does the SWR meter function on V/UHF?

Yahoo group: FT897 (2009)
Date: Unix timestamp -125526884492 [implausible archived timestamp]
From: Tim Lyons
Topic: 25612 Message: 25616

Sure does. But, you have to make sure that is selected. You do that by going to the buttons on the front panel; Momentarily press the [F] key. Watch the display at the bottom left just above the function keys and the display for them. Rotate the Mem/VFO key till the display shows MFi. You will then notice the label for the multi function keys changed to (A) MTR, (B) PWR, (C) DISP. The Multi function B button is usually defaulted to PWR. But now you can toggle it from PWR to MOD to SWR to ALC back to PWR (it cycles).

It is also ported out to the jack on the bottom front of the radio (depending on your settings for sub-menu number 61). I plug my FT meter into it and use it. The accuracy is pretty close to a calibrated Diamond meter I have in the shack. The bar on the (897) display is Ok, but subject to correlation and it takes a minute or 2 to figure what it is telling you.

Hope that helps.
73
NH2BV

From: drakcap3 <bynick@...>
To: FT897@yahoogroups.com
Sent: Friday, April 3, 2009 10:42:49 AM
Subject: [FT897] Does the SWR meter function on V/UHF?

Does the SWR meter function on V/UHF?

Thanks,
Nick

[Non-text portions of this message have been removed]

25617. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: Unix timestamp -125526878510 [implausible archived timestamp]
From: FT897@yahoogroups.com
Topic: 22 Message: 25617

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /CAT & Sound Card Interfaces/CAT & Sound Card Interfaces/N5ZTW design TiniCAT/Mail Order Form Yahoo group FT897.pdf
Uploaded by : n5ztw <n5ztw@...>
Description : Yahoo group discount order form April May update

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/CAT%20%26%20Sound%20Card%20Interfaces/CAT%20%26%20Sound%20Card%20Interfaces/N5ZTW%20design%20TiniCAT/Mail%20Order%20Form%20Yahoo%20group%20FT897.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

n5ztw <n5ztw@...>

25618. Re: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: Unix timestamp -125526866428 [implausible archived timestamp]
From: Mike Rhodes
Topic: 25602 Message: 25618

If you buy from ANY dealer at Dayton, you will be charged Ohio sales tax
but it pays to ask questions of the dealers who do not have a presence
in your home state!

Mike / W8DN

N4CQR wrote:
>
>
> In all but the most extreme cases, if you buy from an Ohio dealer at
> Dayton, you WILL be charged Ohio Sales Tax. Which I have found to be
> far more than shipping costs, all things being equal.
>
> Craig
>
> Grundig Satellit 750 Group:
> http://groups.yahoo.com/group/Satellit-750
> <http://groups.yahoo.com/group/Satellit-750>
>
> Talk about Yaesu's Newest HT, the VX-8R:
> http://groups.yahoo.com/group/VX8R/ <http://groups.yahoo.com/group/VX8R/>
>
> --- On Fri, 4/3/09, dyarnes1 <w7aqk@... <mailto:w7aqk%40cox.net>>
> wrote:
>
> > From: dyarnes1 <w7aqk@... <mailto:w7aqk%40cox.net>>
> > Subject: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Date: Friday, April 3, 2009, 2:16 PM
> > I have rarely seen sale prices better than those you find at
> > Dayton. In fact, I'm not sure I've ever seen sale
> > prices better than at Dayton, unless it was something like a
> > closeout price offered subsequently. I would bet you would
> > be wise to do your shopping at Dayton. I may be wrong, but
> > I suspect that the current sluggish economy might make this
> > a particularly good year for deals at Dayton.
> >
> > Dave W7AQK
>
>

25619. Re: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-04 18:03:08 UTC
From: Mike Rhodes
Topic: 25602 Message: 25619

My impression is, the dealers find out what the factory deals will be when they set up very shortly before and either do not know or are not at liberty to say what their 'Dayton prices' will be before then. Besides, why would they want to give you info on pricing that is a month down the road. Their job is to sell stuff that day at the biggest profit margin they can swing.

Mike / W8DN

mack bolan wrote:
>
> you can also ask AES what their Dayton prive could be
>
> --- On Fri, 4/3/09, dyarnes1 <w7aqk@... <mailto:w7aqk%40cox.net>>
> wrote:
>
> From: dyarnes1 <w7aqk@... <mailto:w7aqk%40cox.net>>
> Subject: [FT897] Re: Buying FT-897D: AES Superfest vs. Hamvention?
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Friday, April 3, 2009, 1:16 PM
>
> I have rarely seen sale prices better than those you find at Dayton.
> In fact, I'm not sure I've ever seen sale prices better than at
> Dayton, unless it was something like a closeout price offered
> subsequently. I would bet you would be wise to do your shopping at
> Dayton. I may be wrong, but I suspect that the current sluggish
> economy might make this a particularly good year for deals at Dayton.
>
> Dave W7AQK
>
> --- In FT897@yahoogroups. com, "Steve Twigg" <stevetwigg@ ...> wrote:
>
> >
>
> > Hi All!
>
> > Starting tomorrow AES in Milwaukee is having their "Superfest."
> Since I live within a 1-1/2 hour drive I'm going. On the other hand
> I'm also attending Hamvention. I have no experience witheither event.
>
> >
>
> > AES's latest advertised price is $769 foe the 897D. (They're not
> giving any clues if there'll be any "specials") My question then is:
> If I waited until Dayton, might I get a better deal?

>
> >
>
> > Thanks!
>
> > W9SWT
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

25620. Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-04 13:10:06 UTC
From: scoutermike@sbcglobal.net
Topic: 25602 Message: 25620

--- In FT897@yahoogroups.com, "Steve Twigg" <stevetwigg@...> wrote:
>
Hello Steve & all,

For what it's worth; I just bought an 897d from Gigaparts during their "March Madness" promotion for $710.00 US$. It involved a $70 instant rebate from Yaesu & an additional coupon from Paypal/Google checkout and has probably ended for now but it shows there are deals to be had. (I also got the LDG FTmeter($44.10) & the AT-897 ($161.0) under the same deal. There was a free dipole kit from LDG included with the tuner as well.

Just to let you know deals re available.

Vy 73 de,
K8SYN mjsyn(Mike)

> Hi All!
> Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience witheither event.
>
> AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?
>
> Thanks!
> W9SWT
>

25621. Re: Buying FT-897D: AES Superfest vs. Hamvention?

Yahoo group: FT897 (2009)
Date: 2009-04-05 11:08:24 UTC
From: flhtci97
Topic: 25602 Message: 25621

Yes Gigaparts has had some good sales. I picked up my 897D from them last October for $710.00. Picked up a my new 857D during the March Madness sale for $620.00. Both instances pretty good deals in my book.
73 Ed N0EHQ

--- In FT897@yahoogroups.com, "scoutermike@..." <scoutermike@...> wrote:
>
> --- In FT897@yahoogroups.com, "Steve Twigg" <stevetwigg@> wrote:
> >
> Hello Steve & all,
>
> For what it's worth; I just bought an 897d from Gigaparts during their "March Madness" promotion for $710.00 US$. It involved a $70 instant rebate from Yaesu & an additional coupon from Paypal/Google checkout and has probably ended for now but it shows there are deals to be had. (I also got the LDG FTmeter($44.10) & the AT-897 ($161.0) under the same deal. There was a free dipole kit from LDG included with the tuner as well.
>
> Just to let you know deals re available.
>
> Vy 73 de,
> K8SYN mjsyn(Mike)
>
>
> > Hi All!
> > Starting tomorrow AES in Milwaukee is having their "Superfest." Since I live within a 1-1/2 hour drive I'm going. On the other hand I'm also attending Hamvention. I have no experience witheither event.
> >
> > AES's latest advertised price is $769 foe the 897D. (They're not giving any clues if there'll be any "specials") My question then is: If I waited until Dayton, might I get a better deal?
> >
> > Thanks!
> > W9SWT
> >
>

25622. For Sale: Yaesu FP-30B, Perfect

Yahoo group: FT897 (2009)
Date: 2009-04-05 23:20:10 UTC
From: maritimus49
Topic: 25622 Message: 25622

Hello All -
I have a perfect FP-30B AC power supply available for sale. It was manufactured recently and works great and looks brand new. Comes with AC power cord, original box and instructions. Is a wonderful accessory for the FT-897D. Price is $150 plus shipping.

73,
Bruce K6RQR/9

25623. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-04-06 05:08:01 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 25623

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

25624. cat port cat-linier-amp NO#20

Yahoo group: FT897 (2009)
Date: 2009-04-06 19:11:18 UTC
From: TED
Topic: 25624 Message: 25624

I want to use the cat port on my FT-897D to run my AL-811 amp and my AT-897 Tuner but they both call for the cat port, my AT 897 -automatic Tuner has a cat in and a cat out port, can I run the wire from the amp to the cat out on the AT-897 tuner to work.
And please on Menue to run both should I choose cat of the three opsions. cat-tuner-amp
Thank you very much

25625. RE: [FT897] cat port cat-linier-amp NO#20

Yahoo group: FT897 (2009)
Date: 2009-04-06 20:26:03 UTC
From: Ken Bandy
Topic: 25624 Message: 25625

The AT-897 only uses the CAT port for power, no data is used. Therefore, it doesn't matter what Menu setting you use on the FT-897D. Set the port for what ever the AMP needs.

73,
Ken
KJ9B

-----Original Message-----
From: TED [mailto:cinninnatti@...]
Sent: Monday, April 06, 2009 3:11 PM
To: FT897@yahoogroups.com
Subject: [FT897] cat port cat-linier-amp NO#20

I want to use the cat port on my FT-897D to run my AL-811 amp and my AT-897 Tuner but they both call for the cat port, my AT 897 -automatic Tuner has a cat in and a cat out port, can I run the wire from the amp to the cat out on the AT-897 tuner to work.
And please on Menue to run both should I choose cat of the three opsions.
cat-tuner-amp
Thank you very much

25626. Re: cat port cat-linier-amp NO#20

Yahoo group: FT897 (2009)
Date: 2009-04-06 21:37:25 UTC
From: TED
Topic: 25624 Message: 25626

--
thank you very much so then I will use it that way.

- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> The AT-897 only uses the CAT port for power, no data is used. Therefore, it
> doesn't matter what Menu setting you use on the FT-897D. Set the port for
> what ever the AMP needs.
>
> 73,
> Ken
> KJ9B
>
> -----Original Message-----
> From: TED [mailto:cinninnatti@...]
> Sent: Monday, April 06, 2009 3:11 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] cat port cat-linier-amp NO#20
>
>
> I want to use the cat port on my FT-897D to run my AL-811 amp and my AT-897
> Tuner but they both call for the cat port, my AT 897 -automatic Tuner has a
> cat in and a cat out port, can I run the wire from the amp to the cat out
> on the AT-897 tuner to work.
> And please on Menue to run both should I choose cat of the three opsions.
> cat-tuner-amp
> Thank you very much
>

25627. FS: FP-30B for sale

Yahoo group: FT897 (2009)
Date: 2009-04-06 22:02:10 UTC
From: maritimus49
Topic: 25627 Message: 25627

Hello All -
The power supply has been sold.

73,
Bruce K6RQR/9

25628. Rotater Control box

Yahoo group: FT897 (2009)
Date: 2009-04-07 00:46:06 UTC
From: P Grant
Topic: 25628 Message: 25628

Hi All
I have a Kenpro KR-400RC,with the SGE206 control box.
Have reconditioned the rotor motor, BUT, the controller will not co-operate by stopping at the wanted position. I have all schematics for the control box but cannot figure out the over-run problem.
Is there an easy fix ???
Many thanks in advance,,,, Peter EI4HX _._
<ei4hxperimental@...>

[Non-text portions of this message have been removed]

25629. FS: FT-897D, Like new

Yahoo group: FT897 (2009)
Date: 2009-04-07 16:13:44 UTC
From: maritimus49
Topic: 25629 Message: 25629

Hello All -
I am reluctantly putting my 897D up for sale. I have moved since I purchased it and my new neighborhood is not a viable place for HF operation. The rig was purchased new about a month ago and has been lightly used. Perfect shape and works great. Serial number starts with 8L. Comes with original box, mike, manual, schematic and DC power cord. Will be double-boxed for shipment. Price is $650 including shipping to CONUS.

73,
Bruce K6RQR/9

25630. Collins SSB Filter?

Yahoo group: FT897 (2009)
Date: 2009-04-07 17:55:26 UTC
From: Thomas Meggison
Topic: 25630 Message: 25630

I could use a little assistance. The Collins SSB mechanical filter, is there a menu that I should see that shows me that it is installed. I know I can open it and look, but I am, at the present unable to actually take the top off. Why am I asking, I purchased the 897D from a ham on QTH and in the listing it stated that it had this filter. I have this feeling that the filter is not installed. Any help would be appreciated.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

[Non-text portions of this message have been removed]

25631. Re: [FT897] Collins SSB Filter?

Yahoo group: FT897 (2009)
Date: 2009-04-07 18:25:38 UTC
From: Carl Wulfestieg
Topic: 25630 Message: 25631

Tom-

Turn transceiver "on"

Press "F" momentarily

Use "MEM / VFO / CH" to select row "n"

If a filter is NOT installed in the FIL-1 slot, the "B" tab will show "N/A"

If a filter is NOT installed in the FIL-2 slot, the "C" tab will show "N/A"

73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

25632. Re: [FT897] FS: FT-897D, Like new

Yahoo group: FT897 (2009)
Date: 2009-04-07 20:21:00 UTC
From: Gary Altig
Topic: 25629 Message: 25632

DE N7UVL,
Or you could take it to a local park and use it anyway./ga

----- Original Message -----
From: maritimus49<mailto:maritimus49@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, April 07, 2009 9:13 AM
Subject: [FT897] FS: FT-897D, Like new

Hello All -
I am reluctantly putting my 897D up for sale. I have moved since I purchased it and my new neighborhood is not a viable place for HF operation. The rig was purchased new about a month ago and has been lightly used. Perfect shape and works great. Serial number starts with 8L. Comes with original box, mike, manual, schematic and DC power cord. Will be double-boxed for shipment. Price is $650 including shipping to CONUS.

73,
Bruce K6RQR/9

[Non-text portions of this message have been removed]

25633. Re: [FT897] Collins SSB Filter?

Yahoo group: FT897 (2009)
Date: 2009-04-07 20:53:50 UTC
From: Thomas Meggison
Topic: 25630 Message: 25633

Thank you very much.
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

On Apr 7, 2009: 2:25 PM, at Apr 7, 2009: 2:25 PM, Carl Wulfestieg wrote:

> Tom-
>
> Turn transceiver "on"
>
> Press "F" momentarily
>
> Use "MEM / VFO / CH" to select row "n"
>
> If a filter is NOT installed in the FIL-1 slot, the "B" tab will
> show "N/A"
>
> If a filter is NOT installed in the FIL-2 slot, the "C" tab will
> show "N/A"
>
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

25634. Re: [FT897] FS: FT-897D, Like new

Yahoo group: FT897 (2009)
Date: 2009-04-08 04:31:29 UTC
From: mack bolan
Topic: 25629 Message: 25634

is this still available thanks

--- On Tue, 4/7/09, maritimus49 <maritimus49@...> wrote:

From: maritimus49 <maritimus49@...>
Subject: [FT897] FS: FT-897D, Like new
To: FT897@yahoogroups.com
Date: Tuesday, April 7, 2009, 11:13 AM

Hello All -

I am reluctantly putting my 897D up for sale. I have moved since I purchased it and my new neighborhood is not a viable place for HF operation. The rig was purchased new about a month ago and has been lightly used. Perfect shape and works great. Serial number starts with 8L. Comes with original box, mike, manual, schematic and DC power cord. Will be double-boxed for shipment. Price is $650 including shipping to CONUS.

73,

Bruce K6RQR/9

[Non-text portions of this message have been removed]

25635. Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-07 20:54:09 UTC
From: n3xusme
Topic: 25635 Message: 25635

Can you operate the 897 while the batteries are being charged?

Gene, N3XUS

25636. LDG FTMeter

Yahoo group: FT897 (2009)
Date: 2009-04-06 15:59:28 UTC
From: ki4tem
Topic: 25636 Message: 25636

Just bought a FT-897, AT-897, and FTMeter. Any body know what the best way to hook up the power for the light on the FTMeter to the 897 for portable use? Whould useing the power from the CAT port Work?

25637. Re: [FT897] LDG FTMeter

Yahoo group: FT897 (2009)
Date: 2009-04-08 10:20:36 UTC
From: Chris Baker
Topic: 25636 Message: 25637

Why not make an external PP3 or similar battery to plug into the DC socket?

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes

--- On Mon, 6/4/09, ki4tem <ki4tem@...> wrote:

From: ki4tem <ki4tem@...>
Subject: [FT897] LDG FTMeter
To: FT897@yahoogroups.com
Date: Monday, 6 April, 2009, 4:59 PM

Just bought a FT-897, AT-897, and FTMeter. Any body know what the best way to hook up the power for the light on the FTMeter to the 897 for portable use? Whould useing the power from the CAT port Work?

[Non-text portions of this message have been removed]

25638. Re: [FT897] Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-08 12:17:32 UTC
From: Richard Corfield
Topic: 25635 Message: 25638

It has space for two batteries - the idea being that you charge one while running the other.
I'm not aware of it being able to charge and run at the same time off a single battery pack.

- Richard

2009/4/7 n3xusme <n3xusme@...>

> Can you operate the 897 while the batteries are being charged?
>
> Gene, N3XUS
>
>
>

[Non-text portions of this message have been removed]

25639. Re: [FT897] Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-08 12:54:30 UTC
From: customgraphics!
Topic: 25635 Message: 25639

i pull the power cord offa my other radio to run the charger while i use the radio on external power...

----- Original Message -----
From: "Richard Corfield" <richard.corfield@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, April 08, 2009 7:17 AM
Subject: Re: [FT897] Operating while charging batteries

> It has space for two batteries - the idea being that you charge one while
> running the other.
> I'm not aware of it being able to charge and run at the same time off a
> single battery pack.
>
> - Richard
>
> 2009/4/7 n3xusme <n3xusme@...>
>
> > Can you operate the 897 while the batteries are being charged?
> >
> > Gene, N3XUS
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

25640. Re: [FT897] Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-08 13:16:19 UTC
From: Jim C
Topic: 25635 Message: 25640

yes, but only if you have batteries

n3xusme wrote:
>
> Can you operate the 897 while the batteries are being charged?
>
> Gene, N3XUS
>
>

25641. FS: FT-897D, Like new

Yahoo group: FT897 (2009)
Date: 2009-04-08 13:27:28 UTC
From: maritimus49
Topic: 25629 Message: 25641

Hello All -
The FT-897D has been sold.

73,
Bruce K6RQR/9

25642. Re: LDG FTMeter

Yahoo group: FT897 (2009)
Date: 2009-04-08 15:03:51 UTC
From: Steve Yates
Topic: 25636 Message: 25642

I see no reason that you couldn't use the 13.8V and ground pins of the CAT/Linear Jack. Page 18 of the manual shows the pin out. The current requirement for the meter is very low. Be sure to put a fuse in the cable though.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "ki4tem" <ki4tem@...> wrote:
>
> Just bought a FT-897, AT-897, and FTMeter. Any body know what the best way to hook up the power for the light on the FTMeter to the 897 for portable use? Whould useing the power from the CAT port Work?
>

25643. CAT Morse Code Reader

Yahoo group: FT897 (2009)
Date: 2009-04-09 00:02:35 UTC
From: buckskinner38@sbcglobal.net
Topic: 25643 Message: 25643

Is there such a device that would be used as a CAT controlled Morse code reader? Would work with the FT-897? If so what is it called and if there are several what is the one most preferred or most popular?

JD
kb0paw

25644. Re: LDG FTMeter

Yahoo group: FT897 (2009)
Date: 2009-04-09 02:58:50 UTC
From: ki4tem
Topic: 25636 Message: 25644

OK, Thank You

73
Keith, KI4TEM

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> I see no reason that you couldn't use the 13.8V and ground pins of the CAT/Linear Jack. Page 18 of the manual shows the pin out. The current requirement for the meter is very low. Be sure to put a fuse in the cable though.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "ki4tem" <ki4tem@> wrote:
> >
> > Just bought a FT-897, AT-897, and FTMeter. Any body know what the best way to hook up the power for the light on the FTMeter to the 897 for portable use? Whould useing the power from the CAT port Work?
> >
>

25645. Wide Recieve

Yahoo group: FT897 (2009)
Date: 2009-04-10 07:33:01 UTC
From: Scot Jones
Topic: 25636 Message: 25645

Hi All

I've had my Ft897 for some time now.

I'm under the impression that as I've had it modified to open it out for all the available freqs its capable of I should be able to receive say something on 250mhz.

I seem to be struggling on this though, 0-30mhz not a problem and then I only seem to be able to get the amateur bands above that.

I'm probably doing something daft?

I've tried it also with HRD and it also wont let me enter the above said 250mhz range.

Any help or pointing me in the right direction would be fantastic.

Kind regards

73's

M1AFY

Scot

[Non-text portions of this message have been removed]

25646. LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-10 14:29:44 UTC
From: kybarney
Topic: 25646 Message: 25646

Hello,

I know this is an autotuner question, but my radio is an FT897D and any input is appreciated.

I had a couple of questions regarding these tuners. I have both of these tuners and use them on the Yaesu FT--897D. I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z and have never had problems with it. It smelled like something was burning but it still tuned up. Last night, it lost it's tune and I cannot tune a low SWR on 40 meters anymore. The antenna is configured correctly....

I actually had the AT-897 tuner serviced by LDG because L5 did burn up. I tried the AT-897 and could not tune up the radio on 40 meters either. I was able to tune 20 meters on the Z-100 but am wondering if the Z-100 is defective or if I damaged it too. Or worse, if I damaged the radio. Has anyone else had problems burning up your autotuner?

Thanks,

25647. Re: [FT897] LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-10 15:50:56 UTC
From: Randy Charles Ford
Topic: 25646 Message: 25647

Could it be that the antenna, coax, or connectors were damaged, instead of the tuners or radio?

73,
kg4jix randy.

On Friday 10 April 2009 09:29:44 kybarney wrote:
> Hello,
>
> I know this is an autotuner question, but my radio is an FT897D and any
> input is appreciated.
>
> I had a couple of questions regarding these tuners. I have both of these
> tuners and use them on the Yaesu FT--897D. I was tuning up 40 meters a
> couple of days ago on a buddipole dipole using the LDG-100Z and have never
> had problems with it. It smelled like something was burning but it still
> tuned up. Last night, it lost it's tune and I cannot tune a low SWR on 40
> meters anymore. The antenna is configured correctly....
>
> I actually had the AT-897 tuner serviced by LDG because L5 did burn up. I
> tried the AT-897 and could not tune up the radio on 40 meters either. I
> was able to tune 20 meters on the Z-100 but am wondering if the Z-100 is
> defective or if I damaged it too. Or worse, if I damaged the radio. Has
> anyone else had problems burning up your autotuner?
>
> Thanks,

25648. Re: [FT897] LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-10 15:57:21 UTC
From: Ka9p
Topic: 25646 Message: 25648

I had this happen on my AT200pro when trying to tune a 40 ft center fed zepp on 80 meters, although the burning smell waheating of the the epoxy used to secure the toroids to the board (I think, after looking at it).

But I had done something stupid, because I tried tuning it at full power I know better, still running the AT897 and Z100 with my portable stuff, and never have a problem at the lower powers, although the manpack antennas sometimes cause the at 897 to hunt alot.

I really think the key is to always tune at lower power, and if it can't find a match, let discretion be the better part of valor and alter the load somehow. The AT200 pro has since given outstanding service located remotely near my antenna on all other bands - but this stuff wont tune outside its generous range very well, so its best not to push it til you know your load.

Hope you're not broke :)

Scott

In a message dated 04/10/09 09:30:50 Central Daylight Time, kybarney@... writes:

Hello,

I know this is an autotuner question, but my radio is an FT897D and any input is appreciated.

I had a couple of questions regarding these tuners. I have both of these tuners and use them on the Yaesu FT--897D. I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z and have never had problems with it. It smelled like something was burning but it still tuned up. Last night, it lost it's tune and I cannot tune a low SWR on 40 meters anymore. The antenna is configured correctly....

I actually had the AT-897 tuner serviced by LDG because L5 did burn up. I tried the AT-897 and could not tune up the radio on 40 meters either. I was able to tune 20 meters on the Z-100 but am wondering if the Z-100 is defective or if I damaged it too. Or worse, if I damaged the radio. Has anyone else had problems burning up your autotuner?

Thanks,

[Non-text portions of this message have been removed]

25649. Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-10 16:30:57 UTC
From: kybarney
Topic: 25646 Message: 25649

Yeah...I did tune it at full power. That was stupid. Do you think I fried the tuner or worse, the rig?

--- In FT897@yahoogroups.com, Ka9p <ka9p@...> wrote:
>
> I had this happen on my AT200pro when trying to tune a 40 ft center fed zepp on 80 meters, although the burning smell waheating of the the epoxy used to secure the toroids to the board (I think, after looking at it).
>
> But I had done something stupid, because I tried tuning it at full power I know better, still running the AT897 and Z100 with my portable stuff, and never have a problem at the lower powers, although the manpack antennas sometimes cause the at 897 to hunt alot.
>
> I really think the key is to always tune at lower power, and if it can't find a match, let discretion be the better part of valor and alter the load somehow. The AT200 pro has since given outstanding service located remotely near my antenna on all other bands - but this stuff wont tune outside its generous range very well, so its best not to push it til you know your load.
>
> Hope you're not broke :)
>
> Scott
>
>
>
> In a message dated 04/10/09 09:30:50 Central Daylight Time, kybarney@... writes:
>
>
>
> Hello,
>
> I know this is an autotuner question, but my radio is an FT897D and any input is appreciated.
>
> I had a couple of questions regarding these tuners. I have both of these tuners and use them on the Yaesu FT--897D. I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z and have never had problems with it. It smelled like something was burning but it still tuned up. Last night, it lost it's tune and I cannot tune a low SWR on 40 meters anymore. The antenna is configured correctly....
>
> I actually had the AT-897 tuner serviced by LDG because L5 did burn up. I tried the AT-897 and could not tune up the radio on 40 meters either. I was able to tune 20 meters on the Z-100 but am wondering if the Z-100 is defective or if I damaged it too. Or worse, if I damaged the radio. Has anyone else had problems burning up your autotuner?
>

> Thanks,
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25650. Re: Wide Recieve

Yahoo group: FT897 (2009)
Date: 2009-04-10 20:05:15 UTC
From: Rob - W1AEX
Topic: 25636 Message: 25650

Hi Scot,

Nope, you are seeing what is normally seen. Even with a widebanded rig, the receiver will stay within these bands:

100kc - 33MHz
33MHz - 56MHz
76MHz - 108MHz
118MHz - 137MHz
137MHz - 164MHz
420MHz - 470MHz

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "Scot Jones" <scot@...> wrote:

> Any help or pointing me in the right direction would be fantastic.
>
> Kind regards
> 73's
> M1AFY
>
> Scot
>

25651. Re: [FT897] Re: Wide Recieve

Yahoo group: FT897 (2009)
Date: 2009-04-11 03:58:43 UTC
From: Danny Loyd
Topic: 25636 Message: 25651

I have a FT897 that I bought on eBay. Thought I was getting a 897D, but I miss read the ad. My question is how do I get it modified to tune up on the 60 meter frequencies?

Thanks,

Danny Loyd
KE5WDI

From: Rob - W1AEX <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Friday, April 10, 2009 3:05:15 PM
Subject: [FT897] Re: Wide Recieve

Hi Scot,

Nope, you are seeing what is normally seen. Even with a widebanded rig, the receiver will stay within these bands:

100kc - 33MHz
33MHz - 56MHz
76MHz - 108MHz
118MHz - 137MHz
137MHz - 164MHz
420MHz - 470MHz

73,

Rob W1AEX

--- In FT897@yahoogroups. com, "Scot Jones" <scot@...> wrote:

> Any help or pointing me in the right direction would be fantastic.
>
> Kind regards
> 73's
> M1AFY
>
> Scot
>

[Non-text portions of this message have been removed]

25652. RE: [FT897] Re: Wide Recieve

Yahoo group: FT897 (2009)
Date: 2009-04-11 06:56:22 UTC
From: Scot Jones
Topic: 25636 Message: 25652

Hi Rob,

Yes this is what I'm seeing..thats for clearing that up for me.

Best 73s

Scot

M1AFY

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Rob
- W1AEX
Sent: 10 April 2009 21:05
To: FT897@yahoogroups.com
Subject: [FT897] Re: Wide Recieve

Hi Scot,

Nope, you are seeing what is normally seen. Even with a widebanded rig, the
receiver will stay within these bands:

100kc - 33MHz
33MHz - 56MHz
76MHz - 108MHz
118MHz - 137MHz
137MHz - 164MHz
420MHz - 470MHz

73,

Rob W1AEX

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Scot Jones"
<scot@...> wrote:

> Any help or pointing me in the right direction would be fantastic.
>
> Kind regards
> 73's
> M1AFY
>
> Scot
>

[Non-text portions of this message have been removed]

25653. RE: [FT897] LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-11 09:18:41 UTC
From: Rick
Topic: 25646 Message: 25653

Yes I smoked my at-897 also seems it would start hanging up in transmit mode just before it cooks sent it in to be repaired was fixed no charge but now when I use it they tell me I'm distorted so I made a mount for the top of the 897 put the z-11 pro on and it works better now I don't have to push that tune button every time I change frequencies.
Rick
N8MFN

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kybarney
Sent: Friday, April 10, 2009 10:30 AM
To: FT897@yahoogroups.com
Subject: [FT897] LDG autotuners

Hello,

I know this is an autotuner question, but my radio is an FT897D and any input is appreciated.

I had a couple of questions regarding these tuners. I have both of these tuners and use them on the Yaesu FT--897D. I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z and have never had problems with it. It smelled like something was burning but it still tuned up. Last night, it lost it's tune and I cannot tune a low SWR on 40 meters anymore. The antenna is configured correctly....

I actually had the AT-897 tuner serviced by LDG because L5 did burn up. I tried the AT-897 and could not tune up the radio on 40 meters either. I was able to tune 20 meters on the Z-100 but am wondering if the Z-100 is defective or if I damaged it too. Or worse, if I damaged the radio. Has anyone else had problems burning up your autotuner?

Thanks,

Yahoo! Groups Links

25654. SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 10:56:10 UTC
From: willgord
Topic: 25654 Message: 25654

Any idea how high the SWR has to be to trigger the "high SWR" warning on the 897

I have tuned my Super Antenna so I no longer get a high SWR warning, but am curious how has it has to go to trigger the warning.

Finaly, how accurete is the SWR reading you get when you are in the meter mode?

Thanks

Gordon
K2GLW

25655. Re: [FT897] SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 13:46:57 UTC
From: D F
Topic: 25654 Message: 25655

The "High SWR" trips around a reading of 3:1. There has been MANY threads on this subject. Try looking in some of the past posts and the file section as well as I know there have been some files uploaded referring to SWR as well

Dennis - N8BMB

From: willgord <willgord@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 11, 2009 5:56:10 AM
Subject: [FT897] SWR reading on the 897D

Any idea how high the SWR has to be to trigger the "high SWR" warning on the 897

I have tuned my Super Antenna so I no longer get a high SWR warning, but am curious how has it has to go to trigger the warning.

Finaly, how accurete is the SWR reading you get when you are in the meter mode?

Thanks

Gordon
K2GLW

[Non-text portions of this message have been removed]

25656. Re: SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 17:12:25 UTC
From: willgord
Topic: 25654 Message: 25656

Thank you. I looked for threads but did not find any that were particularly on target.

I am using a SuperAntenna which requires a good deal of precise hand-tuning. Have the antenna tuned well enough on 20 meters that I have now worked 20 U.S. states and around 25 foreign countries. Not sure how precise the SWR reading is on the 897D when it is in the meter setting, but obviously SWR is low enough that it isn't triggering the warning.

Had thought of getting the LDG tuner for the rig to refine my tuning, but the folks at HRO assure me I won't get any further improvement--meaning lower SWR and maybe a tad more power--by adding the tuner.

Again, thanks for your quick reply.

Gordon
K2GLW

--- In FT897@yahoogroups.com, D F <n8bmb1@...> wrote:
>
> The "High SWR" trips around a reading of 3:1. There has been MANY threads on this subject. Try looking in some of the past posts and the file section as well as I know there have been some files uploaded referring to SWR as well
>
> Dennis - N8BMB
>
>
>
>
> _____
> From: willgord <willgord@...>
> To: FT897@yahoogroups.com
> Sent: Saturday, April 11, 2009 5:56:10 AM
> Subject: [FT897] SWR reading on the 897D
>
>
>
>
>
>
> Any idea how high the SWR has to be to trigger the "high SWR" warning on the 897
>
> I have tuned my Super Antenna so I no longer get a high SWR warning, but am curious how has it has to go to trigger the warning.
>
> Finaly, how accurete is the SWR reading you get when you are in the meter mode?
>
> Thanks
>

> Gordon
> K2GLW
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25657. Re: [FT897] Re: SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 18:28:41 UTC
From: D F
Topic: 25654 Message: 25657

If you use an AUTOTUNER you may not get any better, but using a manual tuner may get a little better performance and a whole lot lower SWR than an autotuner will. An autotuner will get you safe, usually just below the threshold considered safe while a manual tuner allows you to get as low as you want, most times a flat 1:1 - an autotuner won't, usually.

Have fun!

Dennis - N8BMB

From: willgord <willgord@yahoo.com>
To: FT897@yahoogroups.com
Sent: Saturday, April 11, 2009 12:12:25 PM
Subject: [FT897] Re: SWR reading on the 897D

Thank you. I looked for threads but did not find any that were particularly on target.

I am using a SuperAntenna which requires a good deal of precise hand-tuning. Have the antenna tuned well enough on 20 meters that I have now worked 20 U.S. states and around 25 foreign countries. Not sure how precise the SWR reading is on the 897D when it is in the meter setting, but obviously SWR is low enough that it isn't triggering the warning.

Had thought of getting the LDG tuner for the rig to refine my tuning, but the folks at HRO assure me I won't get any further improvement- -meaning lower SWR and maybe a tad more power--by adding the tuner.

Again, thanks for your quick reply.

Gordon
K2GLW

--- In FT897@yahoogroups. com, D F <n8bmb1@...> wrote:
>
> The "High SWR" trips around a reading of 3:1. There has been MANY threads on this subject. Try looking in some of the past posts and the file section as well as I know there have been some files uploaded referring to SWR as well
>
> Dennis - N8BMB
>
>
>
>
> _____ _____ _____ __
> From: willgord <willgord@.. .>
> To: FT897@yahoogroups. com
> Sent: Saturday, April 11, 2009 5:56:10 AM
> Subject: [FT897] SWR reading on the 897D

>
>
>
>
>
> Any idea how high the SWR has to be to trigger the "high SWR" warning on the 897
>
> I have tuned my Super Antenna so I no longer get a high SWR warning, but am curious how has it has to go to trigger the warning.
>
> Finaly, how accurete is the SWR reading you get when you are in the meter mode?
>
> Thanks
>
> Gordon
> K2GLW
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25658. Re: Wide Recieve

Yahoo group: FT897 (2009)
Date: 2009-04-11 22:49:38 UTC
From: Bill
Topic: 25636 Message: 25658

If you have had your rig "opened up" as you say you should be able to tune most all frequencies. The rig will tune to 250 mhz and can tune to where ever.

There are very few limitations and you will not be limited to a specified list of frequencies.

You can use HRD for quick tune as you can move from 100 mhz to 950+ mhz in a few clicks, or a roll of the mouse wheel.
73's,
Bill

25659. Re: [FT897] Re: SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 21:17:55 UTC
From: Richard Corfield
Topic: 25654 Message: 25659

The next question is how high an SWR can you sustain before you damage the radio. Is tuning manually at minimum power a risk? I can get quite good results listening for maximum noise on receive before trying transmit.

I hope to try a kite antenna if we get the weather and I hope to make it a full quarter wave so run without a tuner - tuning by trimming cable.

Thanks

- Richard (M0RJC)

[Non-text portions of this message have been removed]

25660. 60 meters on FT897

Yahoo group: FT897 (2009)
Date: 2009-04-13 02:28:48 UTC
From: Danny Loyd
Topic: 25660 Message: 25660

One quick question.

Is there anyway to upgrade the FT897 to transmit on the 60 meter band? I tried to transmitted on that band and got a TX ERROR.

Thanks,

Danny Loyd
KE5WDI

25661. Re: 60 meters on FT897

Yahoo group: FT897 (2009)
Date: 2009-04-13 02:38:24 UTC
From: Mister Bad Wrench
Topic: 25660 Message: 25661

Hi Danny,

The original ft-897 has a modification to allow transmission in the 60 meter channeled frequencies. An un-mod original ft-897 does not include 60 meters so i found the modification which is easy and needs a steady hand with smt solder gun. After a cpu reset which is required will re-programming memory channels if any and program the 60 meter channel frequency in memory. I use the modification successfully but found it easy to program the memory channels via the rt system program for the ft-897. 73 and Happy Easter aka Passover!

Keith, N2OBS

25662. Re: Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-11 02:13:26 UTC
From: epiphone1001
Topic: 25635 Message: 25662

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:
>
> yes, but only if you have batteries
>
> n3xusme wrote:
> >
> > Can you operate the 897 while the batteries are being charged?
> >
> > Gene, N3XUS
> >
> >
>Me baffled and confused. If you have power to charge a battery, why run on any battery? Thought that running on battery power was for absence of other power. A small charger will provide 6-8 amps, enough to transmit at 10 or so watts. 897 on battery is limited to 20 watts. Please esplain this so I can understand.

25663. mic gain menu no057

Yahoo group: FT897 (2009)
Date: 2009-04-12 21:18:24 UTC
From: paul_higgins11
Topic: 25663 Message: 25663

could any boby tell me how to alter the mic gain on menu page 057 on 100 watt output with the ssb gain and proc gain turned up my voice is quite low and when tx on ssb power out put is between 20-50 watts the only way i get more is if i whistle SO MY QUESTION IS PAGE 57 OF THE MENU TURN TO MIC GAIN HOW DO YOU TURN THIS UP many many thanks paul

25664. Probably old question for same theme ;) mic MH59

Yahoo group: FT897 (2009)
Date: 2009-04-09 08:28:31 UTC
From: 161rc021 Art
Topic: 25636 Message: 25664

Hello at all radio friends :)
rgds from Poland,
Maby have anybody a full manual for mic MH59 in PDF the best?
I have it since yesterday and i don`t know how should i made top knobs on.
...or how to use scroll knob for adjust volume etc...
It takes few minutes to discover how to enter the frequency ;)))
In generaly it works PERFECT :)
tnx in advance
rgds
SQ 9 MLL Art
161 RC 021 Art
www.arthur.redeye.dk

[Non-text portions of this message have been removed]

25665. Newbi with a problem

Yahoo group: FT897 (2009)
Date: 2009-04-10 08:35:57 UTC
From: Steve
Topic: 25665 Message: 25665

Hi Group,
1st Time poster here, Bit of a Yaesu fan as i have a ft817 ft857 ft897 a old ft200, as well as kenwood
Also using a ATAS 120a when mobile with the ft857 the combo works well,
But yesterday i tried the ft897 on the atas and nothing, I've tried all the atas setting's in menu 85, The ATAS letters that usually appear in the top right hand corner of the display are not there, also the MF row k (Tune Down Up) buttons beep when pressed but nothing else, the rig simply does not op the atas,
I've done a full cpu reset,
Its not a grounding issue the ATAS is very securly fitted to the vehicle with some good earth straps too and theres no problems with the ft857 and same atas,
Any ideas and help would be great?

Steve
2E0MVB
http://2e0mvb.weebly.com

CRG Events Organiser
http://www.cambridgerepeaters.net
http://www.camb-hams.com

25666. ft meter

Yahoo group: FT897 (2009)
Date: 2009-04-08 21:18:16 UTC
From: donald sedgebeer
Topic: 25666 Message: 25666

can anyone tell me where to find the info for making and fitting a ft meter. I know I read it some where.
don GW3RVG

25667. CAT -VS-DATA JAK

Yahoo group: FT897 (2009)
Date: 2009-04-10 15:16:55 UTC
From: Catherine
Topic: 25667 Message: 25667

Ive been a new FT-897d owner for about a week now. One of the big reasons I picked this radio was to wide band it to communicate with the kids on thier GMRS radios and I saw that this could be done via a software jumper mod. Should have read further. Neither of the widebander apps work on my radio and I'm not all fired up about voiding the warrenty just yet. I'll prob just wait till the warranty is out then hard jump it.

But, I didn't come to talk about widebanding. I came to talk about wiring my CT-39 cable to feed my laptops mic and spk jacks for PSK31 using a software TNC and terminal program. Sounds simple enough but, I tried to use a straight patch from a VX-3r and managed to toast the motherboard audio circut on my laptop. Expensive lesson learned. It DID actully work and decode PSK31 for a few inticing momments and I even monitored APRS messages just before the smoke came out.

I'm using the yaesu software to manage memory and another program to control the radio on the CAT jack. but the data jack is wide open.

I found limited info on building the cable to do this, but the author says to put a 20db audio pad in the audio out line. I know what an audio pad is, but...How to wire it?

Here's your chance to help me keep the smoke in my laptops.

A) Just put a 10k and a 1k Ohm resistor in series on the hot (stinger post) line.

B) Put the 10k on the hot wire and the 1k across the hot and gnd.

C) Same as B, but swap the resistors.

D) None of the above (Please esplain your answer and provide diagrams and calculations to support your argument :))

BTW, I know it would be better to work this up with a real TNC, but I want to do it this way for feild use. Also, I know about the issue with the manual calling the data jack's audio pins "data" pins.

Thanks in advance!

Andy
KE5PWX

25668. 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-08 14:53:42 UTC
From: hamilton9092003
Topic: 25668 Message: 25668

I have put up a 5 element 2M Antenna but wherever I put the antenna,I get TV interference on my TVs from my FT897D. I have checked locally and neibours do not get any trouble. Could it be the cable run as the cable does run close to my TV cable. Am I using the wrong cable. It completely cuts off our home TVs,even on 5 Watts. Any advice welcome. Hamilton9092003. G3XEM. Thankyou.

25669. FP-30

Yahoo group: FT897 (2009)
Date: 2009-04-12 11:03:43 UTC
From: kstrsdn
Topic: 1918 Message: 25669

I am going to be buying an FT-897D this coming week. I am considering the FP-30 power supply. I have read many reviews stating that they have experienced hash noise when using this power supply especially on 6 meters. Most of these negative reviews are from 2 years ago or longer. My question is, has Yaesu made modifications to the FP-30 within the last couple of years correcting the hash problems or do they still exist? I normally use Astron power supplies on all other radios but would find the FP-30 very convenient for my application. Any feedback would be greatly appreciated.

73
Dean
N8DWK

25670. Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-10 17:21:56 UTC
From: Steve
Topic: 25646 Message: 25670

Hi you said

"I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z"

I tried a aatu with a buddiepole once, although the tuner gave the rig a low swr the buddipole just didnt radiate, instead of using the tuner why not adjust the tap's and telescopic whips of the buddipole to get a low swr,

How much power did you put through the tuner?
I have a similar problem my Z-11 pro it tunes and say's it below 1.5-1 but the 3 radios i've tested it on ft857d ft897d ts570d indicate a swr of over 2
Steve
2E0MVB

25671. External Power Supply Use While Having Internal Batteries Installed

Yahoo group: FT897 (2009)
Date: 2009-04-12 15:29:03 UTC
From: rbfh1
Topic: 25671 Message: 25671

Just purchased the FT-897. Bought an MFJ-4125 external power supply and the 2 internal batteries for portable use. My questions are: Is it alright to use the external power supply with the FT-897 while the batteries are installed? If it is OK to use the external power supply with the batteries installed, is it OK to be charging the non-selected battery at the same time the external power supply is powering the radio? The owners manual doesn't seem to address these issues. Dave - N9XHL

25672. Re: [FT897] External Power Supply Use While Having Internal Batteries Installed

Yahoo group: FT897 (2009)
Date: 2009-04-13 10:17:58 UTC
From: kc3vo@aol.com
Topic: 25671 Message: 25672

You can charge either or both internal batteries while operating the FT-897 from external 13.8 volt power source, and the radio may also be operated at full power while this occurs. Battery selection has no effect, if operating from external power, as the external power does NOT charge the internal batteries! (Unless you also connect a lead from external power to an appropriate charge adaptor and each battery to be charged)--if done this way, with TWO charge adaptors, you could operate the radio and charge BOTH batteries. The internal batteries must be charged by connecting a current controlled, temperature sensing supply of at least 16 volts to the round connector on the respective battery. That is what the YAESU or W4RT battery charge adaptor is for! The charge adaptor provides the increased voltage and charge control needed to charge the internal batteries-they are NOT fully charged until they measure at least 15.5 volts, so charging directly from 13.8 volts without the adaptor is not going to work.--73, KC3VO, Bob Curry

**********Access 350+ FREE radio stations anytime from anywhere on the web. Get the Radio Toolbar!
(http://toolbar.aol.com/aolradio/download.html?ncid=emlweusdown00000035&ncid=emlcntusdown00000002)

[Non-text portions of this message have been removed]

25673. Re: [FT897] Newbi with a problem

Yahoo group: FT897 (2009)
Date: 2009-04-13 10:21:26 UTC
From: customgraphics!
Topic: 25665 Message: 25673

from the manual:

1. Press the [F] key, as needed, to recall Multi Function
Row ?k? [TUNE, DOWN, UP].
2. Press the [A](TUNE) key to turn the ATAS-100/-120 on
(this action only supplies voltage to the antenna at this
point; re-tuning does not begin). ?Parentheses? will appear
on the both sides of the ?TUNE? indication, and the
?ATAS? will appear on the LCD.
3. Now press and hold in the [A](TUNE) key for one second
to initiate ATAS-100/-120 tuning. The transmitter
will automatically be activated, a carrier will be sent,
and the antenna?s length will be adjusted for best SWR.

----- Original Message -----
From: "Steve" <m3mvb@...>
To: <FT897@yahoogroups.com>
Sent: Friday, April 10, 2009 3:35 AM
Subject: [FT897] Newbi with a problem

Hi Group,
1st Time poster here, Bit of a Yaesu fan as i have a ft817 ft857 ft897 a old
ft200, as well as kenwood
Also using a ATAS 120a when mobile with the ft857 the combo works well,
But yesterday i tried the ft897 on the atas and nothing, I've tried all the
atas setting's in menu 85, The ATAS letters that usually appear in the top
right hand corner of the display are not there, also the MF row k (Tune Down
Up) buttons beep when pressed but nothing else, the rig simply does not op
the atas,
I've done a full cpu reset,
Its not a grounding issue the ATAS is very securly fitted to the vehicle
with some good earth straps too and theres no problems with the ft857 and
same atas,
Any ideas and help would be great?

Steve
2E0MVB
http://2e0mvb.weebly.com

CRG Events Organiser
http://www.cambridgerepeaters.net
http://www.camb-hams.com

25674. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-13 10:24:03 UTC
From: kc3vo@aol.com
Topic: 25668 Message: 25674

Is the antenna at least 15 feet away from the TV antenna? Does it interfere with ALL TV channels? Does the TV antenna have an amplifier? What type cable is used for the HAM antenna? What type cable is used for the TV antenna? Describe the situation better!--73, KC3VO, Bob Curry

**********Access 350+ FREE radio stations anytime from anywhere on the web. Get the Radio Toolbar! (http://toolbar.aol.com/aolradio/download.html?ncid=emlweusdown00000035&ncid=emlcntusdown00000002)

[Non-text portions of this message have been removed]

25675. Re: [FT897] External Power Supply Use While Having Internal Batteries Installed

Yahoo group: FT897 (2009)
Date: Unix timestamp -125526114975 [implausible archived timestamp]
From: customgraphics!
Topic: 25671 Message: 25675

bob, have you tried fiddling with putting the charger inside the radio in the battery compartment yet?

(or has anybody?)

at this point, i just use 2 power cords at this point... 1 for radio & 1 for charger... i just have 1 battery installed...

carl wb9ybi----- Original Message -----
From: <kc3vo@...>
To: <FT897@yahoogroups.com>
Sent: Monday, April 13, 2009 5:17 AM
Subject: Re: [FT897] External Power Supply Use While Having Internal Batteries Installed

(Unless you also connect a lead from external power to an
> appropriate charge adaptor and each battery to be charged)--if done this way,
> with TWO charge adaptors, you could operate the radio and charge BOTH
> batteries. -73, KC3VO, Bob Curry

25676. RE: [FT897] 60 meters on FT897

Yahoo group: FT897 (2009)
Date: 2009-04-13 11:13:48 UTC
From: Ken Bandy
Topic: 25660 Message: 25676

Just for the heck of it, see what's in memory locations 601 through 605 (as I recall). That's where the 60 meter "channels" are in the FT897D. Unless you wideband the unit, you won't be able to transmit there by VFO.

73,
Ken
KJ9B

-----Original Message-----
From: Danny Loyd [mailto:ke5wdi@...]
Sent: Sunday, April 12, 2009 10:29 PM
To: FT897@yahoogroups.com
Subject: [FT897] 60 meters on FT897

One quick question.

Is there anyway to upgrade the FT897 to transmit on the 60 meter band? I tried to transmitted on that band and got a TX ERROR.

Thanks,

Danny Loyd
KE5WDI

25677. Re: [FT897] Re: Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-13 11:34:59 UTC
From: Jim C
Topic: 25635 Message: 25677

For the same reason I keep my laptop plugged in and charging when I use it.

1. The cord might get kicked out of the wall while I'm using it
2. The power might go out
3. I might want to take it to a different location and use it where I can't plug it in, so I want the batteries charged all the time and not have it useless while it is charging

epiphone1001 wrote:
>
> Me baffled and confused. If you have power to charge a battery, why
> run on any battery? Thought that running on battery power was for
> absence of other power. A small charger will provide 6-8 amps, enough
> to transmit at 10 or so watts. 897 on battery is limited to 20 watts.
> Please esplain this so I can understand.
>
>

25678. Re: [FT897] CAT -VS-DATA JAK

Yahoo group: FT897 (2009)
Date: 2009-04-13 11:44:40 UTC
From: Jim C
Topic: 25667 Message: 25678

First of all, I think it is illegal to operate the rig on the GMRS frequencies and you might be asking for some hefty fines if you do that. ($6 k to $10k from what I've read, and loss of your ham license besides)

The two resistor pad you are talking about will have the 20 k resistor connected to the radio, the 1 k connected to ground, those two are then connected together and the junction will be connected to the cable.

Catherine wrote:
>
>
> Ive been a new FT-897d owner for about a week now. One of the big
> reasons I picked this radio was to wide band it to communicate with
> the kids on thier GMRS radios and I saw that this could be done via a
> software jumper mod. Should have read further. Neither of the
> widebander apps work on my radio and I'm not all fired up about
> voiding the warrenty just yet. I'll prob just wait till the warranty
> is out then hard jump it.
>
> But, I didn't come to talk about widebanding. I came to talk about
> wiring my CT-39 cable to feed my laptops mic and spk jacks for PSK31
> using a software TNC and terminal program. Sounds simple enough but, I
> tried to use a straight patch from a VX-3r and managed to toast the
> motherboard audio circut on my laptop. Expensive lesson learned. It
> DID actully work and decode PSK31 for a few inticing momments and I
> even monitored APRS messages just before the smoke came out.
>
> I'm using the yaesu software to manage memory and another program to
> control the radio on the CAT jack. but the data jack is wide open.
>
> I found limited info on building the cable to do this, but the author
> says to put a 20db audio pad in the audio out line. I know what an
> audio pad is, but...How to wire it?
>
> Here's your chance to help me keep the smoke in my laptops.
>
> A) Just put a 10k and a 1k Ohm resistor in series on the hot (stinger
> post) line.
>
> B) Put the 10k on the hot wire and the 1k across the hot and gnd.
>
> C) Same as B, but swap the resistors.
>
> D) None of the above (Please esplain your answer and provide diagrams

> and calculations to support your argument :))
>
> BTW, I know it would be better to work this up with a real TNC, but I
> want to do it this way for feild use. Also, I know about the issue
> with the manual calling the data jack's audio pins "data" pins.
>
> Thanks in advance!
>
> Andy
> KE5PWX
>
>

25679. Re: [FT897] Re: Operating while charging batteries

Yahoo group: FT897 (2009)
Date: 2009-04-13 13:30:45 UTC
From: Charles Scott
Topic: 25635 Message: 25679

Yes, the charger may be able to provide enough power to run the radio on low power, as long as you have good control over your transmit power level. It's also possible that you may not have that much current available (i.e. solar) so being able to charge while running the radio on another battery might be the only way to go. It's also possible that your charge source isn't clean enough to use live.

Chuck - N8DNX

>> Me baffled and confused. If you have power to charge a battery, why run on any battery? Thought that running on battery power was for absence of other power. A small charger will provide 6-8 amps, enough to transmit at 10 or so watts. 897 on battery is limited to 20 watts. Please esplain this so I can understand.
>>

25680. Re: [FT897] Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-13 15:46:20 UTC
From: Jim Webster
Topic: 25646 Message: 25680

Remember that LDG autotuners, tune for Max output and that is not always the lowest SWR.
Jim KI6PYZ

From: Steve <m3mvb@...>
To: FT897@yahoogroups.com
Sent: Friday, April 10, 2009 10:21:56 AM
Subject: [FT897] Re: LDG autotuners

Hi you said

"I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z"

I tried a aatu with a buddiepole once, although the tuner gave the rig a low swr the buddipole just didnt radiate, instead of using the tuner why not adjust the tap's and telescopic whips of the buddipole to get a low swr,

How much power did you put through the tuner?
I have a similar problem my Z-11 pro it tunes and say's it below 1.5-1 but the 3 radios i've tested it on ft857d ft897d ts570d indicate a swr of over 2
Steve
2E0MVB

[Non-text portions of this message have been removed]

25681. Re: mic gain menu no057

Yahoo group: FT897 (2009)
Date: 2009-04-13 16:01:33 UTC
From: tenorman1952
Topic: 25663 Message: 25681

--- In FT897@yahoogroups.com, "paul_higgins11" <paul_higgins11@...> wrote:
>
> could any boby tell me how to alter the mic gain on menu page 057 on 100 watt output with the ssb gain and proc gain turned up my voice is quite low and when tx on ssb power out put is between 20-50 watts the only way i get more is if i whistle SO MY QUESTION IS PAGE 57 OF THE MENU TURN TO MIC GAIN HOW DO YOU TURN THIS UP many many thanks paul
>

The 20-50 watts is about right. SSB is not a steady state signal like CW, AM, or FM. Those are steady signals, and in the case of AM and FM, your voice is actually in the sidebands, and is a small percentage of total power transmitted.

But Single Sideband, no energy is wasted in transmitting two mirror image sidebands, when all the information needed is contained in one sideband. And no energy is wasted in transmitting a carrier. So, all energy is going into transmitting your voice.

Your voice speaking words is not a steady signal (as you get when whistling or humming) but peaks and valleys. The peaks will be close to 100 watts, but the average energy may only be 20-50 watts. If you turn up mic gain you would quickly get to a point where you would be distorting on the peaks as the transmitter tried to transmit more than 100 watts which it does not have the voltage to do.

If you are seeing 20-50 watts while you speak in SSB mode, leave mic gain alone.

Paul
AE5JU

25682. Re: FP-30

Yahoo group: FT897 (2009)
Date: 2009-04-13 16:04:38 UTC
From: tenorman1952
Topic: 1918 Message: 25682

--- In FT897@yahoogroups.com, "kstrsdn" <kstrsdn@...> wrote:
>
> I am going to be buying an FT-897D this coming week. I am considering the FP-30 power supply. I have read many reviews stating that they have experienced hash noise when using this power supply especially on 6 meters. Most of these negative reviews are from 2 years ago or longer. My question is, has Yaesu made modifications to the FP-30 within the last couple of years correcting the hash problems or do they still exist? I normally use Astron power supplies on all other radios but would find the FP-30 very convenient for my application. Any feedback would be greatly appreciated.
>
> 73
> Dean
> N8DWK
>

The FP-30 noise problem was fixed by Yaesu some time back. My FT-897 (not the newer D) has no problem with the power supply. Mine is actually marked FP-30b.

I LIKE the built in power supply.

Paul AE5JU

25683. Re: Newbi with a problem

Yahoo group: FT897 (2009)
Date: 2009-04-13 17:21:26 UTC
From: Steve
Topic: 25665 Message: 25683

Thats what Both my manuals say too.....
My 857d runs the atas120a perfectly yet the 897d does not even realise the atas is connected, no "ATAS" in the top right corner of the display and the atenna does not tune at all, even trying manual tuning has no effect, The antenna is on the same mount on the same vehicle all i did was change the rig its even on the same power leads, so not a grounding issue, Is there a fuse or something in the atas circut of the 897d?
Thanks
Steve
2e0mvb

25684. Re: [FT897] Re: Newbi with a problem

Yahoo group: FT897 (2009)
Date: 2009-04-13 17:39:01 UTC
From: K9ZTV
Topic: 25665 Message: 25684

Did you enable the ATAS in the menus?

K9ZTV

Steve wrote:
>
>
> Thats what Both my manuals say too.....
> My 857d runs the atas120a perfectly yet the 897d does not even realise
> the atas is connected, no "ATAS" in the top right corner of the
> display and the atenna does not tune at all, even trying manual tuning
> has no effect, The antenna is on the same mount on the same vehicle
> all i did was change the rig its even on the same power leads, so not
> a grounding issue, Is there a fuse or something in the atas circut of
> the 897d?
> Thanks
> Steve
> 2e0mvb
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.11.54/2056 - Release Date: 04/13/09 05:51:00
>
>

[Non-text portions of this message have been removed]

25685. Re: [FT897] Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-13 17:57:40 UTC
From: Peter Robinson
Topic: 25646 Message: 25685

Not according to Dwayne.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: Jim Webster
To: FT897@yahoogroups.com
Sent: Monday, April 13, 2009 4:46 PM
Subject: Re: [FT897] Re: LDG autotuners

Remember that LDG autotuners, tune for Max output and that is not always the lowest SWR.
Jim KI6PYZ

From: Steve <m3mvb@...>
To: FT897@yahoogroups.com
Sent: Friday, April 10, 2009 10:21:56 AM
Subject: [FT897] Re: LDG autotuners

Hi you said

"I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z"

I tried a aatu with a buddiepole once, although the tuner gave the rig a low swr the buddipole just didnt radiate, instead of using the tuner why not adjust the tap's and telescopic whips of the buddipole to get a low swr,

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I have a similar problem my Z-11 pro it tunes and say's it below 1.5-1 but the 3 radios i've tested it on ft857d ft897d ts570d indicate a swr of over 2
Steve
2E0MVB

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.287 / Virus Database: 270.11.54/2056 - Release Date: 04/13/09 05:51:00

[Non-text portions of this message have been removed]

25686. Re: Newbi with a problem

Yahoo group: FT897 (2009)
Date: 2009-04-13 18:24:25 UTC
From: Steve
Topic: 25665 Message: 25686

Yes all is as it should be just will not work,

Although i have noticed after turning the 897 on then selecting menu row K tune up down, if the A tune button is pressed the atas lettering does flash on in the corner of the display but only for a fraction on a second and i do mean a fraction of a second maybe around 1/125th of a second, but only the once have to turn rig off and on again to get it to do it again,
Steve
2e0mvb

25687. Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-13 19:49:33 UTC
From: kybarney
Topic: 25646 Message: 25687

I put 100 watts thru the tuner.

--- In FT897@yahoogroups.com, "Steve" <m3mvb@...> wrote:
>
> Hi you said
>
> "I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z"
>
> I tried a aatu with a buddiepole once, although the tuner gave the rig a low swr the buddipole just didnt radiate, instead of using the tuner why not adjust the tap's and telescopic whips of the buddipole to get a low swr,
>
> How much power did you put through the tuner?
> I have a similar problem my Z-11 pro it tunes and say's it below 1.5-1 but the 3 radios i've tested it on ft857d ft897d ts570d indicate a swr of over 2
> Steve
> 2E0MVB
>

25688. Re: LDG autotuners

Yahoo group: FT897 (2009)
Date: 2009-04-13 19:50:17 UTC
From: kybarney
Topic: 25646 Message: 25688

I also think I damaged the radio. I bought a dummy load and am only putting out 20 watts when I transmit.

--- In FT897@yahoogroups.com, Jim Webster <jwbstr33@...> wrote:
>
> Remember that LDG autotuners, tune for Max output and that is not always the lowest SWR.
> Jim KI6PYZ
>
>
>
>
> _____
> From: Steve <m3mvb@...>
> To: FT897@yahoogroups.com
> Sent: Friday, April 10, 2009 10:21:56 AM
> Subject: [FT897] Re: LDG autotuners
>
>
>
>
>
> Hi you said
>
> "I was tuning up 40 meters a couple of days ago on a buddipole dipole using the LDG-100Z"
>
> I tried a aatu with a buddiepole once, although the tuner gave the rig a low swr the buddipole just didnt radiate, instead of using the tuner why not adjust the tap's and telescopic whips of the buddipole to get a low swr,
>
> How much power did you put through the tuner?
> I have a similar problem my Z-11 pro it tunes and say's it below 1.5-1 but the 3 radios i've tested it on ft857d ft897d ts570d indicate a swr of over 2
> Steve
> 2E0MVB
>
>
>
>
> [Non-text portions of this message have been removed]
>

25689. 897d accessories jack

Yahoo group: FT897 (2009)
Date: 2009-04-14 01:46:14 UTC
From: Dennis Smith
Topic: 25689 Message: 25689

B4 I DO SOMETHING STUPID DID I READ THAT THE ACCESSORIE JACK ON THE BACK OF THE 897D WHICH IS A 3.5 MM STEREO PLUG COULD BE USED FOR A REQUEST TO TRANSMITT. THE TIP IS ALC AND THE SHANK TO GROUND SEND A CONSTANT CW LEVEL TO FOR TUNING A EXTERNAL TUNER. DOES THIS AUTOMATELY DROP TO 10 OR SO WATTS OR MUST YOU CONTROL WITH MENU 70??
THANKS DENNIS W5VAF

25690. RE: [FT897] 897d accessories jack

Yahoo group: FT897 (2009)
Date: 2009-04-14 02:21:14 UTC
From: eric@van-de-weyer.org
Topic: 25689 Message: 25690

Hi Dennis,

yes it does. It allows you to tune up at low power before operating at high power. not sure off hand exactly at what power level it does it but it is certainly a low power position and is independant of the mode and power seeting for operating.

BTW, please type in lower case as upper case can be more difficult to read and is also considered to be shouting in electronic communications.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "Dennis Smith" <dsmith72401@...>
>Date: Tue, 14 Apr 2009 01:46:14 -0000
>Subject: [FT897] 897d accessories jack
>Reply-To: FT897@yahoogroups.com
>
>
>B4 I DO SOMETHING STUPID DID I READ THAT THE ACCESSORIE JACK ON THE BACK
>OF THE 897D WHICH IS A 3.5 MM STEREO PLUG COULD BE USED FOR A REQUEST TO
>TRANSMITT. THE TIP IS ALC AND THE SHANK TO GROUND SEND A CONSTANT CW LEVEL
>TO FOR TUNING A EXTERNAL TUNER. DOES THIS AUTOMATELY DROP TO 10 OR SO WATTS
>OR MUST YOU CONTROL WITH MENU 70??
>THANKS DENNIS W5VAF
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

25691. Re: [FT897] 897d accessories jack

Yahoo group: FT897 (2009)
Date: 2009-04-14 02:44:03 UTC
From: DENNIS SMITH
Topic: 25689 Message: 25691

Thanks ERIC I thought id did but wasn't sure. Wanted a second opinion before i tried it. This is my 2nd ft897d. I use one in the shop and 1 for mobile or portable. My home unit is a icom 756 pro 3, I am really getting into this qrp cw stuff, it kinda grow on you. I am sorry for the ll caps but it was just easier for me to see, u know getting old. Been hamming 49 years and a retired broadcast engineer.
73's ERIC and again thanks.
Dennis Smith w5vaf in Arkansas USA

From: "eric@..." <eric@...>
To: FT897@yahoogroups.com
Sent: Monday, April 13, 2009 9:21:14 PM
Subject: RE: [FT897] 897d accessories jack

Hi Dennis,

yes it does. It allows you to tune up at low power before operating at high power. not sure off hand exactly at what power level it does it but it is certainly a low power position and is independant of the mode and power seeting for operating.

BTW, please type in lower case as upper case can be more difficult to read and is also considered to be shouting in electronic communications.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups. com
>From: "Dennis Smith" <dsmith72401@ sbcglobal. net>
>Date: Tue, 14 Apr 2009 01:46:14 -0000
>Subject: [FT897] 897d accessories jack
>Reply-To: FT897@yahoogroups. com
>
>
>B4 I DO SOMETHING STUPID DID I READ THAT THE ACCESSORIE JACK ON THE BACK
>OF THE 897D WHICH IS A 3.5 MM STEREO PLUG COULD BE USED FOR A REQUEST TO
>TRANSMITT. THE TIP IS ALC AND THE SHANK TO GROUND SEND A CONSTANT CW LEVEL
>TO FOR TUNING A EXTERNAL TUNER. DOES THIS AUTOMATELY DROP TO 10 OR SO WATTS
>OR MUST YOU CONTROL WITH MENU 70??
>THANKS DENNIS W5VAF
>
>
>
>----------- --------- --------- -------
>
>Yahoo! Groups Links

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>

[Non-text portions of this message have been removed]

25692. Re: [FT897] 897d accessories jack

Yahoo group: FT897 (2009)
Date: 2009-04-14 02:45:46 UTC
From: Carl Wulfestieg
Topic: 25689 Message: 25692

Dennis-
Ring to sleeve (gnd) - Transmits CW
Tip to sleeve - Apply voltage of 0 volts to -4 volts
Gives output power of 100 W to 0 W

Go to the FT-897 Yahoo Group and look at message 18769

I modified his scheme so that I get exactly 0 Volts to -4 volts
You can do it also or use his schematic

73 Carl WZ4CW

[Non-text portions of this message have been removed]

25693. yaesu cd-24 Adaptor

Yahoo group: FT897 (2009)
Date: 2009-04-14 09:19:05 UTC
From: John / G0RDO
Topic: 25693 Message: 25693

Hello all. The Yaesu CD-24 charger adaptor seems very expensive to me. Has anyone devised a cheaper solution, or will I just have to dig deep into my pocket ?
John . G0RDO

25694. Re: [FT897] yaesu cd-24 Adaptor

Yahoo group: FT897 (2009)
Date: 2009-04-14 10:54:08 UTC
From: robert donchez
Topic: 25693 Message: 25694

dig deep- works wonderfully - you'l waste more time / energy looking
for mating connectors to battery- light- fast- yep- thought it was
expensive but after year and half- glad i parted with money
On Apr 14, 2009, at 5:19 AM, John / G0RDO wrote:

> Hello all. The Yaesu CD-24 charger adaptor seems very expensive to
> me. Has anyone devised a cheaper solution, or will I just have to
> dig deep into my pocket ?
> John . G0RDO
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

25695. Re: [FT897] yaesu cd-24 Adaptor

Yahoo group: FT897 (2009)
Date: 2009-04-14 11:01:07 UTC
From: Peter Robinson
Topic: 25693 Message: 25695

Get digging - it does the job.

73 de Peter - GØFIM / AA3JN

The optimist proclaims that we live in the best of all possible worlds. The pessimist fears that this is true.

----- Original Message -----
From: John / G0RDO
To: FT897@yahoogroups.com
Sent: Tuesday, April 14, 2009 10:19 AM
Subject: [FT897] yaesu cd-24 Adaptor

Hello all. The Yaesu CD-24 charger adaptor seems very expensive to me. Has anyone devised a cheaper solution, or will I just have to dig deep into my pocket ?
John . G0RDO

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.287 / Virus Database: 270.11.55/2057 - Release Date: 04/13/09 17:56:00

[Non-text portions of this message have been removed]

25696. Re: [FT897] yaesu cd-24 Adaptor

Yahoo group: FT897 (2009)
Date: 2009-04-14 11:58:10 UTC
From: Jim C
Topic: 25693 Message: 25696

THere are 3rd party chargers

http://www.w4wb.com/FT-897-Accessories/One-Fast-Charger-FT-897.htm

http://www.batteryspace.com/

John / G0RDO wrote:
>
>
> Hello all. The Yaesu CD-24 charger adaptor seems very expensive to me.
> Has anyone devised a cheaper solution, or will I just have to dig deep
> into my pocket ?
> John . G0RDO
>
>

25697. Re: CAT -VS-DATA JAK

Yahoo group: FT897 (2009)
Date: 2009-04-14 14:06:30 UTC
From: John Rabold
Topic: 25667 Message: 25697

--- In FT897@yahoogroups.com, "Catherine" <jacksonunit@...> wrote:
>> ... One of the big reasons I picked this radio was to wide band it to communicate with the kids on thier GMRS radios and I saw that this could be done via a software jumper mod ... <<

I suggest that you check eBay for a used UHF transceiver that's type-accepted for Part 95 operation, as GMRS transmitters are required to be. The Kenwood TK-880 is an example. Have it programmed so you will not accidentally transmit illegally, as you may not transmit at all on the seven FRS-only channels and you are limited in power on the seven shared channels. Maybe build a TV-antenna-lead J-pole tuned to about 464 MHz, between the two groups of GMRS frequencies, so you can work the repeaters as well as simplex, but observe the height restrictions on GMRS antennas for the shared channels. (Your ham UHF antenna will probably not be tuned well at the GMRS frequencies.) And identify with your FCC GMRS call sign as required by the terms of your license, thus setting a good example for your contacts.

There remains one troubling thing about GMRS: Under Part 95, a licensed GMRS operator is prohibited from contacting an unlicensed or otherwise unauthorized operator.

John / KS6M / WPXK898

25698. Re: [FT897] Re: CAT -VS-DATA JAK

Yahoo group: FT897 (2009)
Date: 2009-04-14 14:39:49 UTC
From: D F
Topic: 25667 Message: 25698

He probably meant FRS and not GMRS

Dennis - N8BMB

From: John Rabold <yahoohr9@...>
To: FT897@yahoogroups.com
Sent: Tuesday, April 14, 2009 9:06:30 AM
Subject: [FT897] Re: CAT -VS-DATA JAK

--- In FT897@yahoogroups. com, "Catherine" <jacksonunit@ ...> wrote:
>> ... One of the big reasons I picked this radio was to wide band it to communicate with the kids on thier GMRS radios and I saw that this could be done via a software jumper mod ... <<

I suggest that you check eBay for a used UHF transceiver that's type-accepted for Part 95 operation, as GMRS transmitters are required to be. The Kenwood TK-880 is an example. Have it programmed so you will not accidentally transmit illegally, as you may not transmit at all on the seven FRS-only channels and you are limited in power on the seven shared channels. Maybe build a TV-antenna-lead J-pole tuned to about 464 MHz, between the two groups of GMRS frequencies, so you can work the repeaters as well as simplex, but observe the height restrictions on GMRS antennas for the shared channels. (Your ham UHF antenna will probably not be tuned well at the GMRS frequencies.) And identify with your FCC GMRS call sign as required by the terms of your license, thus setting a good example for your contacts.

There remains one troubling thing about GMRS: Under Part 95, a licensed GMRS operator is prohibited from contacting an unlicensed or otherwise unauthorized operator.

John / KS6M / WPXK898

[Non-text portions of this message have been removed]

25699. Re: yaesu cd-24 Adaptor

Yahoo group: FT897 (2009)
Date: 2009-04-14 17:19:24 UTC
From: flhtci97
Topic: 25693 Message: 25699

I recommend the W4RT OFC-897 rapid charger. It will charge the FNB-78 batteries without issue and is a good buy at $85.00 USD compared to the Yaesu CD-24. The OFC-897 will charge the battery and then go into trickle charge once the battery has reached full capacity. You will also find the W4RT customer support to be top notch.

73 Ed N0EHQ

--- In FT897@yahoogroups.com, "John / G0RDO" <john@...> wrote:
>
> Hello all. The Yaesu CD-24 charger adaptor seems very expensive to me. Has anyone devised a cheaper solution, or will I just have to dig deep into my pocket ?
> John . G0RDO
>

25700. Re: [FT897] Re: CAT -VS-DATA JAK

Yahoo group: FT897 (2009)
Date: 2009-04-14 19:19:23 UTC
From: Anthony Jackson
Topic: 25667 Message: 25700

no, I actually have a gmrs license. (And boy do I feel like a dope
for buying That!)

Besides, the emergency clause is an effective defense to prosicution.
But, it's useless if you are not ready when the tim comes.

On Apr 14, 2009, at 9:39 AM, D F <n8bmb1@...> wrote:

>
>
> He probably meant FRS and not GMRS
>
> Dennis - N8BMB
>
> _____
> From: John Rabold <yahoohr9@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, April 14, 2009 9:06:30 AM
> Subject: [FT897] Re: CAT -VS-DATA JAK
>
> --- In FT897@yahoogroups. com, "Catherine" <jacksonunit@ ...> wrote:
> >> ... One of the big reasons I picked this radio was to wide band
> it to communicate with the kids on thier GMRS radios and I saw that
> this could be done via a software jumper mod ... <<
>
> I suggest that you check eBay for a used UHF transceiver that's type-
> accepted for Part 95 operation, as GMRS transmitters are required to
> be. The Kenwood TK-880 is an example. Have it programmed so you will
> not accidentally transmit illegally, as you may not transmit at all
> on the seven FRS-only channels and you are limited in power on the
> seven shared channels. Maybe build a TV-antenna-lead J-pole tuned to
> about 464 MHz, between the two groups of GMRS frequencies, so you
> can work the repeaters as well as simplex, but observe the height
> restrictions on GMRS antennas for the shared channels. (Your ham UHF
> antenna will probably not be tuned well at the GMRS frequencies.)
> And identify with your FCC GMRS call sign as required by the terms
> of your license, thus setting a good example for your contacts.
>
> There remains one troubling thing about GMRS: Under Part 95, a
> licensed GMRS operator is prohibited from contacting an unlicensed
> or otherwise unauthorized operator.
>
> John / KS6M / WPXK898
>
> [Non-text portions of this message have been removed]
>

>

[Non-text portions of this message have been removed]

25701. FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-04-14 19:51:15 UTC
From: n3xusme
Topic: 814 Message: 25701

Team,

Are their instructions on how to moun the FC-30 tuner to the 897? The mounting hardware was included, but the process is not stated. Am I missing something here?
Thanks.
Gene, N3XUS

25702. Re: [FT897] FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-04-14 20:03:57 UTC
From: Art
Topic: 814 Message: 25702

I installed the FC30 on my 897 with no problems but I remember looking at the illustrations pretty close and following the instructions in the 897 manual. You have to setup the radio prior to connecting the tuner. It's best to double check both manuals prior to setting up the tuner.

Sent from Arts 3G iPhone

On Apr 14, 2009, at 14:51, "n3xusme" <n3xusme@...> wrote:

Team,

Are their instructions on how to moun the FC-30 tuner to the 897? The mounting hardware was included, but the process is not stated. Am I missing something here?
Thanks.
Gene, N3XUS

[Non-text portions of this message have been removed]

25703. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-15 09:36:04 UTC
From: arthur swain
Topic: 25668 Message: 25703

Hi there, Lots of questions first...
I see you say TVs! Are your TVs cable or from an antenna?
If your Tvs are from an antenna, are you using Freeview with a suitable antenna? Are you using one antenna via a multiway preamp/distrubution unit?
Do you have a TV masthead amplifier? Do you get the problem using a dummy load? Make a simple 2m wire dipole and pin it to a door using different coax so that it is not adjacent to the TV cable. How near is the new antenna to the TV antenna (assuming you are not on cableTV)? 73
Art g3kwy/f0euk/vs1hx

--- On Wed, 8/4/09, hamilton9092003 <pbooth@ntlworld.com> wrote:

> From: hamilton9092003 <pbooth@...>
> Subject: [FT897] 2 metre tv interference
> To: FT897@yahoogroups.com
> Date: Wednesday, 8 April, 2009, 7:53 AM
> I have put up a 5 element 2M Antenna but wherever I put the
> antenna,I get TV interference on my TVs from my FT897D. I
> have checked locally and neibours do not get any trouble.
> Could it be the cable run as the cable does run close to my
> TV cable. Am I using the wrong cable. It completely cuts off
> our home TVs,even on 5 Watts. Any advice welcome.
> Hamilton9092003. G3XEM. Thankyou.
>
>
>
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> Yahoo! Groups Links
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25704. Re: 897d accessories jack

Yahoo group: FT897 (2009)
Date: 2009-04-15 18:11:42 UTC
From: Randy Kolar
Topic: 25689 Message: 25704

Carl,

I would be interested to find out how you did your version of the switch. Am I correct in thinking that you can vary the power out from 0-100 W by adjusting the voltage to the tip. Does this work in any mode? For instance if I don't connect the ring to sleeve and use ssb mode can I vary the output power below the normal 5W minimum?? This would be great for QRPp in modes other than CW!

Enquiring minds want to know. ;->

Randy
KG6WCA

[Non-text portions of this message have been removed]

25705. Re: 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-15 19:42:35 UTC
From: Andy Digby
Topic: 25668 Message: 25705

Could also be RF getting into your own electrical wiring. Try decoupling the mains lead to your PSU & to your TV.

Good luck. 73, Andy GØJLX

--- In FT897@yahoogroups.com, arthur swain <f0euk@...> wrote:
>
>
> Hi there, Lots of questions first...
> I see you say TVs! Are your TVs cable or from an antenna?
> If your Tvs are from an antenna, are you using Freeview with a suitable antenna? Are you using one antenna via a multiway preamp/distrubution unit?
> Do you have a TV masthead amplifier? Do you get the problem using a dummy load? Make a simple 2m wire dipole and pin it to a door using different coax so that it is not adjacent to the TV cable. How near is the new antenna to the TV antenna (assuming you are not on cableTV)? 73
> Art g3kwy/f0euk/vs1hx
>
>
> --- On Wed, 8/4/09, hamilton9092003 <pbooth@...> wrote:
>
> > From: hamilton9092003 <pbooth@...>
> > Subject: [FT897] 2 metre tv interference
> > To: FT897@yahoogroups.com
> > Date: Wednesday, 8 April, 2009, 7:53 AM
> > I have put up a 5 element 2M Antenna but wherever I put the
> > antenna,I get TV interference on my TVs from my FT897D. I
> > have checked locally and neibours do not get any trouble.
> > Could it be the cable run as the cable does run close to my
> > TV cable. Am I using the wrong cable. It completely cuts off
> > our home TVs,even on 5 Watts. Any advice welcome.
> > Hamilton9092003. G3XEM. Thankyou.
> >
> >
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> > ------------------------------------
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> > Yahoo! Groups Links
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25706. Re: [FT897] Re: 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-15 21:40:26 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25668 Message: 25706

If it's in the electrical wiring, then it's easier to fix it
at the source.

I would approach this from the antenna outwards. I'd start
with looking at the SWR of the antenna and coax. Is it high?

If so, you will want to fix that or add a choke-type balun.
It can be caused by a bad connection, or bad coax, or an
antenna problem.

If the SWR is good, then you will need to address it at the
TV or the TV preamp. Since it is affecting more than one
TV, I'd start with the preamp.

Rob
AF6CM

On Wed, 15 Apr 2009 19:42 +0000, "Andy Digby" <g0jlx@...>
wrote:
Could also be RF getting into your own electrical wiring. Try
decoupling the mains lead to your PSU & to your TV.
Good luck. 73, Andy GØJLX
--- In [1]FT897@yahoogroups.com
<snip>
> --- On Wed, 8/4/09, hamilton9092003 <pbooth@...> wrote:
>
> > From: hamilton9092003 <pbooth@...>
> > Subject: [FT897] 2 metre tv interference
> > To: [2]FT897@yahoogroups.com
> > Date: Wednesday, 8 April, 2009, 7:53 AM
> > I have put up a 5 element 2M Antenna but wherever I put the
> > antenna,I get TV interference on my TVs from my FT897D. I
> > have checked locally and neibours do not get any trouble.
> > Could it be the cable run as the cable does run close to my
> > TV cable. Am I using the wrong cable. It completely cuts off
> > our home TVs,even on 5 Watts. Any advice welcome.
> > Hamilton9092003. G3XEM. Thankyou.

25707. Re: 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-15 22:28:45 UTC
From: Hank
Topic: 25668 Message: 25707

I had good a SWR with my LDG AT-897, but still had RF geting into the electrical wiring in my home. The hair dryer went nuts when I started broadcasting if it was plugged in (not being used). I added a 1:1 choke balun from RadioWavz and those problems went away.

hth,

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, af6cm_yahoo@... wrote:
>
> If it's in the electrical wiring, then it's easier to fix it
> at the source.
>
> I would approach this from the antenna outwards. I'd start
> with looking at the SWR of the antenna and coax. Is it high?
>
> If so, you will want to fix that or add a choke-type balun.
> It can be caused by a bad connection, or bad coax, or an
> antenna problem.
>
> If the SWR is good, then you will need to address it at the
> TV or the TV preamp. Since it is affecting more than one
> TV, I'd start with the preamp.
>
> Rob
> AF6CM
>
>

25708. Re: [FT897] Re: 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 00:15:23 UTC
From: P Grant
Topic: 25668 Message: 25708

Hello Hank
You would seem to have a big problem with Stray RF floating around your house.
To start,,,, remove the 1:1 balun,,,,, where is it installed ???
At the radio or at the antenna ???
Turn on your 897 and connect it at low power to a good dummy load. Put an SWR meter in line with the 50 ohm dummy load,,,, is the SWR @ 1:1 ??
IT is ! good. If not then the problem is in the rig,,, that can sometimes happen.
If SWR is good,,, increase the power out, until you reach max power for your dummy load!
Is SWR, still @ 1:1 ?
Good,,,,,, NO,,, Check out the interference on the TV system,,, and the hair drier,,,
Is there a problem ??? No good,,, YES, this means the problem is in the radio...
If no problem,,,, change the dummy load to the end of the antenna co-ax,,,,, start again, on low power,,, keep a watch on SWR,,, increase power,,, keep a watch on TV ect. for interference,,, if there is interference at this stage,,, problem is in the feeder system,,,, check the route of the co-ax all the way to the antenna,for close proximity to Household wiring and TV co-ax,,,.
You did not explain what antenna you were using for 2M band,,, and no information on using different mode???,,,, what quality of co-ax for the antenna,,, do you have a TV antenna ???
Are there any other tenants on your TV system ??? Are they affected ???
One last thing you can attempt,,, if its your own system,,, Make an isolating transformer ,,, [filter] ,,two lengths of cable [split a piece of speaker cable,, use 2 colours]- each 12 inches long,,, twist them together,,, then wind them around a ferrite ring,,, about 6-8 turns. Install a TV co-ax plug to each pair of ends,,,[same colours] should be about 4 inches overall,,,plug this into the main TV set,,, connect the remaining TV cable back in circuit,,, switch on TV,,, Try out and see is TVI eliminated ??? Yes !! OK,, Connect up the FT897 again to the 2 M. Antenna,,,, is this OK now???
Well done Hank.... you have solved it,,,, I HOPE...
Finally... change the "filter" to the main TV feed line.... this may now cure the problem for good... I HOPE...
Let us all know how you get on.
VBR Peter EI4HX _._
ei4hxperimental@...

----- Original Message -----
From: Hank
To: FT897@yahoogroups.com
Sent: Wednesday, April 15, 2009 10:28 PM
Subject: [FT897] Re: 2 metre tv interference

I had good a SWR with my LDG AT-897, but still had RF geting into the electrical wiring in my home. The hair dryer went nuts when I started broadcasting if it was plugged in (not being used). I added a 1:1 choke balun from RadioWavz and those problems went away.

hth,

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, af6cm_yahoo@... wrote:
>
> If it's in the electrical wiring, then it's easier to fix it
> at the source.
>
> I would approach this from the antenna outwards. I'd start
> with looking at the SWR of the antenna and coax. Is it high?
>
> If so, you will want to fix that or add a choke-type balun.
> It can be caused by a bad connection, or bad coax, or an
> antenna problem.
>
> If the SWR is good, then you will need to address it at the
> TV or the TV preamp. Since it is affecting more than one
> TV, I'd start with the preamp.
>
> Rob
> AF6CM
>
>

[Non-text portions of this message have been removed]

25709. CW Software

Yahoo group: FT897 (2009)
Date: 2009-04-15 20:57:18 UTC
From: mike.2e0btk
Topic: 25709 Message: 25709

Can anyone recommend any XP software that allows a PC connected to the key jack socket to be used to send CW by typing at the keyboard?

25710. Connecting to Ameritron ALS-600S

Yahoo group: FT897 (2009)
Date: 2009-04-15 13:46:10 UTC
From: jreedbum
Topic: 25710 Message: 25710

It looks like the ACC plug on the radio goes to the ALC plug on the amp, but I can't figure out where the relay connection on the amp hooks up to the radio. Also, anyone know of a cable source?

25711. How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-13 16:18:56 UTC
From: papadelta12001
Topic: 25711 Message: 25711

Hello..

I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.

How can I check the setting for TX power output.

I have above A,, SPOT.. B,,BK... AND C,, KYR..

I need menu mode. I think.. The manual is confusing..

Mike WB2GLW

25712. Re: [FT897] Re: FP-30

Yahoo group: FT897 (2009)
Date: 2009-04-14 21:47:43 UTC
From: Redd Legg
Topic: 1918 Message: 25712

Just bought the 897/D and FP-30. No noise at all here....

From: tenorman1952 <tenorman1952@...>
To: FT897@yahoogroups.com
Sent: Monday, April 13, 2009 12:04:38 PM
Subject: [FT897] Re: FP-30

--- In FT897@yahoogroups. com, "kstrsdn" <kstrsdn@... > wrote:
>
> I am going to be buying an FT-897D this coming week. I am considering the FP-30 power supply. I have read many reviews stating that they have experienced hash noise when using this power supply especially on 6 meters. Most of these negative reviews are from 2 years ago or longer. My question is, has Yaesu made modifications to the FP-30 within the last couple of years correcting the hash problems or do they still exist? I normally use Astron power supplies on all other radios but would find the FP-30 very convenient for my application. Any feedback would be greatly appreciated.
>
> 73
> Dean
> N8DWK
>

The FP-30 noise problem was fixed by Yaesu some time back. My FT-897 (not the newer D) has no problem with the power supply. Mine is actually marked FP-30b.

I LIKE the built in power supply.

Paul AE5JU

[Non-text portions of this message have been removed]

25713. Re: [FT897] Re: FP-30

Yahoo group: FT897 (2009)
Date: 2009-04-13 16:36:39 UTC
From: RICHARD BROWN
Topic: 1918 Message: 25713

Ditto Paul and Dean
I have the FT-897(D) and have noticed no noise from the power supply.

Rick, K4UOL

----- Original Message -----
From: tenorman1952 <tenorman1952@...>
Date: Monday, April 13, 2009 12:08
Subject: [FT897] Re: FP-30
To: FT897@yahoogroups.com

> --- In FT897@yahoogroups.com, "kstrsdn" <kstrsdn@...> wrote:
> >
> > I am going to be buying an FT-897D this coming week. I
> am considering the FP-30 power supply. I have read many
> reviews stating that they have experienced hash noise when using
> this power supply especially on 6 meters. Most of these
> negative reviews are from 2 years ago or longer. My
> question is, has Yaesu made modifications to the FP-30 within
> the last couple of years correcting the hash problems or do they
> still exist? I normally use Astron power supplies on all
> other radios but would find the FP-30 very convenient for my
> application. Any feedback would be greatly appreciated.
> >
> > 73
> > Dean
> > N8DWK
> >
>
> The FP-30 noise problem was fixed by Yaesu some time back.
> My FT-897 (not the newer D) has no problem with the power
> supply. Mine is actually marked FP-30b.
>
> I LIKE the built in power supply.
>
> Paul AE5JU
>
>

[Non-text portions of this message have been removed]

25714. RE: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-16 06:56:32 UTC
From: Jim Henry
Topic: 25711 Message: 25714

Check the setting on Memory 75, see page 61 of manual

73 de Jim, GI0DVU

Lisburn, County Antrim

http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of papadelta12001
Sent: 13 April 2009 17:19
To: FT897@yahoogroups.com
Subject: [FT897] How to check and increase TX pwr output

Hello..

I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.

How can I check the setting for TX power output.

I have above A,, SPOT.. B,,BK... AND C,, KYR..

I need menu mode. I think.. The manual is confusing..

Mike WB2GLW

[Non-text portions of this message have been removed]

25715. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-16 07:31:59 UTC
From: Richard Corfield
Topic: 25711 Message: 25715

If you hold down the F key you get the menu. Rotate the top right knob until it selects "RF Power" and use the dial to adjust.

There are other engineering menus that effect things, but this menu is the first thing to look at.

- Richard M0RJC

[Non-text portions of this message have been removed]

25716. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-16 08:25:46 UTC
From: iz1mkz enrico
Topic: 25711 Message: 25716

Or simply reset the rig, the default power at HF is 100 W...

73 Enrico
iz1mkz

25717. Re: CW Software

Yahoo group: FT897 (2009)
Date: 2009-04-16 12:31:36 UTC
From: ve3wmb
Topic: 25709 Message: 25717

Have a look at CWType

http://www.dxsoft.com/en/products/cwtype/

Its a pretty simple interface but very usable. I have played with it but never used it seriously. Best of all it is Freeware.

Michael VE3WMB/VA2NB

--- In FT897@yahoogroups.com, "mike.2e0btk" <mike.2e0btk@...> wrote:
>
> Can anyone recommend any XP software that allows a PC connected to the key jack socket to be used to send CW by typing at the keyboard?
>

25718. Re: [FT897] CW Software

Yahoo group: FT897 (2009)
Date: 2009-04-16 13:38:29 UTC
From: Jim C
Topic: 25709 Message: 25718

Ham Radio Deluxe has digital master and they are free programs but donations are accepted. Multipsk should work too but you might have toregister it for all the functions

mike.2e0btk wrote:
>
>
> Can anyone recommend any XP software that allows a PC connected to the
> key jack socket to be used to send CW by typing at the keyboard?
>
>

25719. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 14:28:08 UTC
From: Peter Booth
Topic: 25668 Message: 25719

Thanx for the Replys to my Query. I have an external tv antenna for both uhf and Digital. Looking at your advice,I have bypassed the TV preamp with no change. Have run the FT897D on a Car Battery with no change. I have Temp move the Antenna to the other side of the house.No Change. Therfore I will next attempt changing the cable. I am using a cheap 75hm tv cable. I have now purchased a reel of high quality 50ohm cable but it means going under the floorboards to replace it.Have also purchaseded new connectors. If this does not work,I will try the Low pass filter at the TX and a High pass filter at the TV feed. Thanx again for the advice but it may be some time before I get under the floorboards. Will also try the advice of a simple dipole with the new feeder. Thankyou. Hamilton9092003.

----- Original Message -----
From: "hamilton9092003" <pbooth@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, April 08, 2009 3:53 PM
Subject: [FT897] 2 metre tv interference

> I have put up a 5 element 2M Antenna but wherever I put the antenna,I get TV interference on my TVs from my FT897D. I have checked locally and neibours do not get any trouble. Could it be the cable run as the cable does run close to my TV cable. Am I using the wrong cable. It completely cuts off our home TVs,even on 5 Watts. Any advice welcome.
> Hamilton9092003. G3XEM. Thankyou.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

25720. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 14:42:19 UTC
From: D F
Topic: 25668 Message: 25720

But you were told to check not only that but the coax, connectors and what not related to your ham gear as well. Try that FIRST!

Dennis - N8BMB

_____
From: Peter Booth <pbooth@...>
To: FT897@yahoogroups.com
Sent: Thursday, April 16, 2009 9:28:08 AM
Subject: Re: [FT897] 2 metre tv interference

Thanx for the Replys to my Query. I have an external tv antenna for both uhf and Digital. Looking at your advice,I have bypassed the TV preamp with no change. Have run the FT897D on a Car Battery with no change. I have Temp move the Antenna to the other side of the house.No Change. Therfore I will next attempt changing the cable. I am using a cheap 75hm tv cable.. I have now purchased a reel of high quality 50ohm cable but it means going under the floorboards to replace it.Have also purchaseded new connectors. If this does not work,I will try the Low pass filter at the TX and a High pass filter at the TV feed. Thanx again for the advice but it may be some time before I get under the floorboards. Will also try the advice of a simple dipole with the new feeder. Thankyou. Hamilton9092003.

----- Original Message -----
From: "hamilton9092003" <pbooth@ntlworld. com>
To: <FT897@yahoogroups. com>
Sent: Wednesday, April 08, 2009 3:53 PM
Subject: [FT897] 2 metre tv interference

> I have put up a 5 element 2M Antenna but wherever I put the antenna,I get TV interference on my TVs from my FT897D. I have checked locally and neibours do not get any trouble. Could it be the cable run as the cable does run close to my TV cable. Am I using the wrong cable. It completely cuts off our home TVs,even on 5 Watts. Any advice welcome.
> Hamilton9092003. G3XEM. Thankyou.
>
>
>
> ------------ --------- --------- ------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

25721. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 14:44:10 UTC
From: Richard Corfield
Topic: 25668 Message: 25721

Have you tried with a dummy load? If the interference goes then that confirms that the problem is RF pickup from your antenna system or its wiring.

Was the cheap 75ohm cable the TV or the transmitter? TV is normally 75 ohm, and a lot of cables are cheap. Still, we have the nasty one that came with the house and a mast-head amplifier with the TV antenna on the same mast as the amateur antenna and so far (fingers crossed) we've been OK. Still, the amateur antenna is off axis to the TV antenna, and the TV antenna is below the amateur's radials. There's a loop in the amateur antenna's feeder above the TV antenna, but that shouldn't be enough to get rid of any cable radiation if there is any.

If you suspect your TV download could you do a temporary run from the antenna down to the TV even if you have to run over the floorboards or through windows? Just to check it?

If the problem is coming in on the outside of the TV downlead then a ferrite before the TV may help. If it's coming in from the TV antenna then a high pass filter may help. If it's getting into the TV's box then nothing will help, but 5W is not much power. If you have a walkie talkie try that at 5W near the TV.

If you can get hold of the current UK Full Licence Manual it has some useful ideas on this. Cutting off sounds like it may be overloading the RF input of the TV, though it's a little while now since I've read my manual.

- Richard M0RJC

2009/4/16 Peter Booth <pbooth@...>

>
>
> Thanx for the Replys to my Query. I have an external tv antenna for both
> uhf
> and Digital. Looking at your advice,I have bypassed the TV preamp with no
> change. Have run the FT897D on a Car Battery with no change. I have Temp
> move the Antenna to the other side of the house.No Change. Therfore I will
> next attempt changing the cable. I am using a cheap 75hm tv cable. I have
> now purchased a reel of high quality 50ohm cable but it means going under
> the floorboards to replace it.Have also purchaseded new connectors. If this
> does not work,I will try the Low pass filter at the TX and a High pass
> filter at the TV feed. Thanx again for the advice but it may be some time
> before I get under the floorboards. Will also try the advice of a simple
> dipole with the new feeder. Thankyou. Hamilton9092003.
>
>

> ----- Original Message -----
> From: "hamilton9092003" <pbooth@... <pbooth%40ntlworld.com>>
> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Wednesday, April 08, 2009 3:53 PM
> Subject: [FT897] 2 metre tv interference
>
> > I have put up a 5 element 2M Antenna but wherever I put the antenna,I get
> TV interference on my TVs from my FT897D. I have checked locally and
> neibours do not get any trouble. Could it be the cable run as the cable
> does
> run close to my TV cable. Am I using the wrong cable. It completely cuts
> off
> our home TVs,even on 5 Watts. Any advice welcome.
> > Hamilton9092003. G3XEM. Thankyou.
> >
> >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

25722. Re: CW Software

Yahoo group: FT897 (2009)
Date: 2009-04-16 16:03:06 UTC
From: Dave Bernstein
Topic: 25709 Message: 25722

WinWarbler, a member of the free-ware DXLab Suite, can drive your FT-897's CW key input via an external 1-transistor interface controlled by a serial port modem control signal or a parallel port data signal. Some commercial interface products include the required circuit, or you can easily build one yourself.

WinWarbler is available via www.dxlabsuite.com

73,

Dave, AA6YQ

--- In FT897@yahoogroups.com, "mike.2e0btk" <mike.2e0btk@...> wrote:
>
> Can anyone recommend any XP software that allows a PC connected to the key jack socket to be used to send CW by typing at the keyboard?
>

25723. Re: Connecting to Ameritron ALS-600S

Yahoo group: FT897 (2009)
Date: 2009-04-16 16:29:42 UTC
From: Stephen Reynolds
Topic: 25710 Message: 25723

The pin you want is the TX GRND pin in the CAT/LINEAR Jack on the rear. This is an 8 Pin Mini Din plug. Should be available at Fry's or some RS stores. Looking at the connector on the rear of the radio the pin is at the 7 o'clock position on the connector. I use an 18ga wire and plug it into the socket. The ground of the wire is connected to the case screw on the rear. This wire then goes to the Key line on the linear.

Good Luck
Steve W4CNG

--- In FT897@yahoogroups.com, "jreedbum" <john.bumgarner@...> wrote:
>
> It looks like the ACC plug on the radio goes to the ALC plug on the amp, but I can't figure out where the relay connection on the amp hooks up to the radio. Also, anyone know of a cable source?
>

25724. Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-16 17:16:09 UTC
From: tenorman1952
Topic: 25711 Message: 25724

--- In FT897@yahoogroups.com, "papadelta12001" <papadelta12001@...> wrote:
>
> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.
>
> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
>
> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW

In what mode are you seeing only 50 watts?

Menu 61, if the meter is set to read power, and you are in SSB mode, and if the radio is set to 100 watts (Menu 75), then you will only see 20-30 watts as you speak, and that is normal. Try setting the radio to FM and key the mic, see what power it is putting out.

Paul
AE5JU

25725. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 17:50:08 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 25668 Message: 25725

Richard's advice is excellent.

The one thing I want to add, is that any input to the TV can couple
unwanted RF in. The power cable or DVD cable could be acting as a 2m antenna. Ferrites can help with this.

Rob
AF6CM

[Non-text portions of this message have been removed]

25726. Re: [FT897] Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-16 19:53:07 UTC
From: Florentin Nastase
Topic: 25711 Message: 25726

In what band? In (VHF) 2M max power is 50W, go to MENU MODE No 075 and see the setting.
For short wave you must make a new setting for No 75.
73's
Florentin YO9BXC.

--- On Thu, 4/16/09, tenorman1952 <tenorman1952@yahoo.com> wrote:

From: tenorman1952 <tenorman1952@...>
Subject: [FT897] Re: How to check and increase TX pwr output
To: FT897@yahoogroups.com
Date: Thursday, April 16, 2009, 10:16 AM

--- In FT897@yahoogroups. com, "papadelta12001" <papadelta12001@ ...> wrote:
>
> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.
>
> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
>
> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW

In what mode are you seeing only 50 watts?

Menu 61, if the meter is set to read power, and you are in SSB mode, and if the radio is set to 100 watts (Menu 75), then you will only see 20-30 watts as you speak, and that is normal. Try setting the radio to FM and key the mic, see what power it is putting out.

Paul
AE5JU

[Non-text portions of this message have been removed]

25727. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 11:25:55 UTC
From: N. Anderson
Topic: 25711 Message: 25727

Hello AlL

I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,

But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.

Is there a way to totally reset the radio.. REboot so to speak..

Can anyone shead some light on the problem

Thanks

Mike WB2GLW

--- On Mon, 4/13/09, papadelta12001 <papadelta12001@yahoo.com> wrote:

From: papadelta12001 <papadelta12001@...>
Subject: [FT897] How to check and increase TX pwr output
To: FT897@yahoogroups.com
Date: Monday, April 13, 2009, 9:18 AM

Hello..

I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.

How can I check the setting for TX power output.

I have above A,, SPOT.. B,,BK... AND C,, KYR..

I need menu mode. I think.. The manual is confusing..

Mike WB2GLW

[Non-text portions of this message have been removed]

25728. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 12:01:10 UTC
From: Carl Wulfestieg
Topic: 25711 Message: 25728

Are you in SSB mode? If so, that 50 W reading may be correct.
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

25729. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 12:25:19 UTC
From: Jim C
Topic: 25711 Message: 25729

You can only read the full 100 watts in CW or FM modes. SSB will only have output when you talk and 100 watts will be the peak. How m uch you get will depend on your voice characteristics so an average of 50 watts or less will be good

N. Anderson wrote:
>
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts
> on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I
> am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@...
> <mailto:papadelta12001%40yahoo.com>> wrote:
>
> From: papadelta12001 <papadelta12001@...
> <mailto:papadelta12001%40yahoo.com>>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Monday, April 13, 2009, 9:18 AM
>
> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about
> only 50 watts output. I see 50 watts on my tuner meter.
>
> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
>
> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW

>
> [Non-text portions of this message have been removed]
>
>

25730. 857/897 software.

Yahoo group: FT897 (2009)
Date: 2009-04-17 14:52:52 UTC
From: tailfeathers
Topic: 25730 Message: 25730

Any idea why my RT systems programming software works sometimes and then
not the next time?...I don't like the way its done but it sure has been
a PIA...HRD works fine, Legacy Radio works fine...?

Gary
n8gsj

_____
Click here to find the right business program for you and take your career to the next
level.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTESUQIzqyCjl0dRYINWQl7F5S6LoVpGYYucw3kKj
a0uoxixB2cGeE/

25731. Re: [FT897] 857/897 software.

Yahoo group: FT897 (2009)
Date: 2009-04-17 14:58:31 UTC
From: D F
Topic: 25730 Message: 25731

Has your radio been modified? If so, you need to read the radio forst, then try to upload new data. Trying to upload first on a modified radio gets an error.

Dennis - N8BMB

From: tailfeathers <tailfeathers@...>
To: FT897D group <FT897@yahoogroups.com>
Sent: Friday, April 17, 2009 9:52:52 AM
Subject: [FT897] 857/897 software.

Any idea why my RT systems programming software works sometimes and then
not the next time?...I don't like the way its done but it sure has been
a PIA...HRD works fine, Legacy Radio works fine...?

Gary
n8gsj

Click here to find the right business program for you and take your career to the next level.
http://thirdpartyof fers.juno. com/TGL2141/ fc/BLSrjpTESUQIz qyCjl0dRYINWQl7F 5S6LoVpGYYucw3kK ja0uoxixB2cGeE/

[Non-text portions of this message have been removed]

25732. Re: [FT897] 857/897 software.

Yahoo group: FT897 (2009)
Date: 2009-04-17 15:57:44 UTC
From: tailfeathers
Topic: 25730 Message: 25732

nope...stock...

D F wrote:
> Has your radio been modified? If so, you need to read the radio forst, then try to upload new data. Trying to upload first on a modified radio gets an error.
>
> Dennis - N8BMB
>
>

_____
Save big on Stock Trading Fees. Click Now!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFPBT1BVsVSR0NQrWyUgUTSqq0dzEaxUu5OPvKpuD8MoZU1d5R9Fu/

25733. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 19:15:06 UTC
From: N. Anderson
Topic: 25711 Message: 25733

I am in FM or CW mode checking output pwr. either its into a tuned antenna.,.,or internal dummy load in the tuner.. I and the other owner have or had this problem

--- On Fri, 4/17/09, N. Anderson <papadelta12001@yahoo.com> wrote:

From: N. Anderson <papadelta12001@...>
Subject: Re: [FT897] How to check and increase TX pwr output
To: FT897@yahoogroups.com
Date: Friday, April 17, 2009, 4:25 AM

Hello AlL

I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,

But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.

Is there a way to totally reset the radio.. REboot so to speak..

Can anyone shead some light on the problem

Thanks

Mike WB2GLW

--- On Mon, 4/13/09, papadelta12001 <papadelta12001@ yahoo.com> wrote:

From: papadelta12001 <papadelta12001@ yahoo.com>
Subject: [FT897] How to check and increase TX pwr output
To: FT897@yahoogroups. com
Date: Monday, April 13, 2009, 9:18 AM

Hello..

I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.

How can I check the setting for TX power output.

I have above A,, SPOT.. B,,BK... AND C,, KYR..

I need menu mode. I think.. The manual is confusing..

Mike WB2GLW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25734. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-18 03:08:30 UTC
From: Jim C
Topic: 25711 Message: 25734

There is an internal dummy load in the tuner?

N. Anderson wrote:
>
>
> I am in FM or CW mode checking output pwr. either its into a tuned
> antenna.,.,or internal dummy load in the tuner.. I and the other
> owner have or had this problem
>
> --- On Fri, 4/17/09, N. Anderson <papadelta12001@...
> <mailto:papadelta12001%40yahoo.com>> wrote:
>
> From: N. Anderson <papadelta12001@...
> <mailto:papadelta12001%40yahoo.com>>
> Subject: Re: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Friday, April 17, 2009, 4:25 AM
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts
> on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I
> am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ yahoo.com> wrote:
>
> From: papadelta12001 <papadelta12001@ yahoo.com>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. com
> Date: Monday, April 13, 2009, 9:18 AM
>
> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about
> only 50 watts output. I see 50 watts on my tuner meter.

>
> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
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> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

25735. RE: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-18 04:43:02 UTC
From: D. F.
Topic: 25711 Message: 25735

On the MFJ-969, yes there is (supposedly). If you look at the front where the selector knob is, you should see a setting for "dummy load". I haven't tried it, so I do not know how well it works. Maybe someone more acquainted with it could tell us. There is a hidden "service menu" within the 897/857 radios. It COULD be that someone may have adjusted this setting lower than what it should be. IF you go into this menu, however, BE FOREWARNED that you could severely damage the radio making adjustments that ought not to be done - BE VERY CAREFUL IN THIS MENU!!!!!!!!!!

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jim C
Sent: Friday, April 17, 2009 22:09
To: FT897@yahoogroups.com
Subject: Re: [FT897] How to check and increase TX pwr output

There is an internal dummy load in the tuner?

N. Anderson wrote:
>
>
> I am in FM or CW mode checking output pwr. either its into a tuned
> antenna.,.,or internal dummy load in the tuner.. I and the other
> owner have or had this problem
>
> --- On Fri, 4/17/09, N. Anderson <papadelta12001@
<mailto:papadelta12001%40yahoo.com> yahoo.com
> <mailto:papadelta12001%40yahoo.com>> wrote:
>
> From: N. Anderson <papadelta12001@ <mailto:papadelta12001%40yahoo.com>
yahoo.com
> <mailto:papadelta12001%40yahoo.com>>
> Subject: Re: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>
> Date: Friday, April 17, 2009, 4:25 AM
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts
> on the HF bands.,

>
> But I and the person that had the radio is only getting 50 watts.. I
> am reading 50 watts on a MFJ 969 tuner when its set for dummy load
mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ yahoo.com> wrote:
>
> From: papadelta12001 <papadelta12001@ yahoo.com>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. com
> Date: Monday, April 13, 2009, 9:18 AM
>
> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about
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> How can I check the setting for TX power output.
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> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

25736. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-16 15:30:24 UTC
From: Redd Legg
Topic: 25668 Message: 25736

Seems to me that you would want to try the filters first. They're a whole lot easier that replacing the cable.... JMHO.

[Non-text portions of this message have been removed]

25737. Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-17 13:34:50 UTC
From: ctwickey
Topic: 25737 Message: 25737

Greetings,

I may be opening a old can of worms, but here it goes.

I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior Ultra-Lite Antenna. no amp, what so ever.

Anyway, the question is, what would be the recommended setting on the Menus #45 through 49, plus #63 and 74 with this set up that I have?

I have tried some of the setting that was listed on this group, but I do not recall any of them using the Heil set up. I have been told that I have no lows, but I have the punch in my transmissions.

Cliff, N6CTW

25738. Re: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 12:10:42 UTC
From: Redd Legg
Topic: 25711 Message: 25738

From the FT-897 Manual, page 65
POWER-ON MICROPROCESSOR RESETPROCEDURESSome or all transceiver settings can be reset to their factorydefault
states using one of the following power-on routines:
menu settings to their factory-default values:
Menu #06 (
56 (
83 ([V/M] + POWER on: Resets all memories and followingAM STEP), 33 (DCS CODE), 52 (FM STEP),MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), andTONE FREQ).
following menu items) to their factory-default values.
Menu #06 (
56 (
83 ([F] + POWER on: Resets all menu settings (except theAM STEP), 33 (DCS CODE), 52 (FM STEP),MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), andTONE FREQ).
and menu settings.[HOME] + POWER on: CPU master reset for all memories

[Non-text portions of this message have been removed]

25739. Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 20:22:55 UTC
From: rsq14emt
Topic: 25711 Message: 25739

--- In FT897@yahoogroups.com, "N. Anderson" <papadelta12001@...> wrote:
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@...> wrote:
>
>
> From: papadelta12001 <papadelta12001@...>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups.com
> Date: Monday, April 13, 2009, 9:18 AM
>
>
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>
> Hello..
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> How can I check the setting for TX power output.
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> I have above A,, SPOT.. B,,BK... AND C,, KYR..
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> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW
>

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> [Non-text portions of this message have been removed]
>Look on page 66 of your opeating manual. If you don't have one (as I suspect since you bought it second hand), you can download a free PDF manual from Yaesu.com. You can get to it faster if you Google FT-897D + owner's manual . It's 5.17 MB long. Or you can copy the link below:

http://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=111&encProdID=64C913CDBC183621AAA39980149EA8C6&DivisionID=65&isArchived=0

Congratulations, you have a good, versatile radio. Once you get the manual and start accessing the menus, it will be fun.

KF4DUS
Michael

25740. Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-17 20:39:54 UTC
From: rsq14emt
Topic: 25711 Message: 25740

--- In FT897@yahoogroups.com, "N. Anderson" <papadelta12001@...> wrote:
>
> I am in FM or CW mode checking output pwr. either its into a tuned antenna.,.,or internal dummy load in the tuner.. I and the other owner have or had this problem
>
> --- On Fri, 4/17/09, N. Anderson <papadelta12001@...> wrote:
>
>
> From: N. Anderson <papadelta12001@...>
> Subject: Re: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups.com
> Date: Friday, April 17, 2009, 4:25 AM
>
> Ok, don't reset yet. Page 2 of the FT-897D manual says you should have 100 watts in SSB/CW/FM. I don't know anything about the non-D version. Here is a copy of the section from page 2:

RF Power Output (@13.8 V DC): SSB/CW/FM AM Carrier
160- 6 Meter: 100 W 25 W
2 Meter: 50 W 12.5 W
70 Centimeter: 20 W 5 W

If you reset, try the least volatile one first: F + Power is the least and HOME + Power wipes out EVERYTHING.

Some or all transceiver settings can be reset to their factory default
states using one of the following power-on routines:
 [V/M] + POWER on: Resets all memories and following
menu settings to their factory-default values:
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).
 [F] + POWER on: Resets all menu settings (except the
following menu items) to their factory-default values.
Menu #06 (AM STEP), 33 (DCS CODE), 52 (FM STEP),
56 (MEM TAG), 76 (RPT SHIFT), 82 (SSB STEP), and
83 (TONE FREQ).
 [HOME] + POWER on: CPU master reset for all memories
and menu settings.
>
>
>
>
>
>
> Hello AlL

>
> I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
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> Can anyone shead some light on the problem
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> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ yahoo.com> wrote:
>
> From: papadelta12001 <papadelta12001@ yahoo.com>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. com
> Date: Monday, April 13, 2009, 9:18 AM
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> Hello..
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> I need menu mode. I think.. The manual is confusing..
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> Mike WB2GLW
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25741. Re: [FT897] Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-18 06:59:38 UTC
From: Geoff Blake
Topic: 25711 Message: 25741

Throughout this thread, I have not seen anybody suggest checking the power meter. It is just as likely that the MFJ is reading low as it is that the FT897 is not putting enough power out.

The best way of checking is to use a decent power meter, like a Bird or HP/Agilent (with appropriate attenuators). Make sure that you know the calibration of the equipment. Of course, make the power measurement in FM or CW mode as has been said before

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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of the sender.

25742. Re: [FT897] Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 08:38:16 UTC
From: Richard Corfield
Topic: 25737 Message: 25742

I've been looking at the Heil (don't tell the XYL ;-)

Which insert do you have? One of their inserts is designed to have little
low frequency response but give that extra punch.

- Richard (M0RJC)

2009/4/17 ctwickey <ctwickey@...>

>
>
> Greetings,
>
> I may be opening a old can of worms, but here it goes.
>
> I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am
> using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior
> Ultra-Lite Antenna. no amp, what so ever.
>
> Anyway, the question is, what would be the recommended setting on the Menus
> #45 through 49, plus #63 and 74 with this set up that I have?
>
> I have tried some of the setting that was listed on this group, but I do
> not recall any of them using the Heil set up. I have been told that I have
> no lows, but I have the punch in my transmissions.
>
> Cliff, N6CTW
>
>
>

[Non-text portions of this message have been removed]

25743. RE: [FT897] How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-18 10:22:50 UTC
From: Chris Baker
Topic: 25711 Message: 25743

slightly off topic but hope this helps:

969 ATU
Switch Antenna selection to Bypass
Select Dummy Load
Ensure Red meter button pushed in (ie switched on)
Ensure meter 30/300 button NOT pushed in
Switch rig to CW/FM and transmit, 969 meter should read Peak power.
If on SSB, select on 969 to read peak (not ave) by ensuring peak/ave button (under Antenna selector switch)
Whistle up rig and power meter should indicate max power
On my 969/857 on 14Mhz, on peak reading I get 100w when talking, on ave it shows 25W.

also try using another external power meter

Chris g4lds

Sunny Morecambe, the gateway to the Lakes

--- On Sat, 18/4/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] How to check and increase TX pwr output
To: FT897@yahoogroups.com
Date: Saturday, 18 April, 2009, 5:43 AM

On the MFJ-969, yes there is (supposedly) . If you look at the front
where the selector knob is, you should see a setting for "dummy load".
I haven't tried it, so I do not know how well it works. Maybe someone
more acquainted with it could tell us. There is a hidden "service menu"
within the 897/857 radios. It COULD be that someone may have adjusted
this setting lower than what it should be. IF you go into this menu,
however, BE FOREWARNED that you could severely damage the radio making
adjustments that ought not to be done - BE VERY CAREFUL IN THIS
MENU!!!!!!!! !!

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Jim C
Sent: Friday, April 17, 2009 22:09
To: FT897@yahoogroups. com
Subject: Re: [FT897] How to check and increase TX pwr output

There is an internal dummy load in the tuner?

N. Anderson wrote:
>
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> I am in FM or CW mode checking output pwr. either its into a tuned
> antenna.,.,or internal dummy load in the tuner.. I and the other
> owner have or had this problem
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> --- On Fri, 4/17/09, N. Anderson <papadelta12001@
<mailto:papadelta12 001%40yahoo. com> yahoo.com
> <mailto:papadelta12 001%40yahoo. com>> wrote:
>
> From: N. Anderson <papadelta12001@ <mailto:papadelta12 001%40yahoo. com>
yahoo.com
> <mailto:papadelta12 001%40yahoo. com>>
> Subject: Re: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
<mailto:FT897% 40yahoogroups. com>
> Date: Friday, April 17, 2009, 4:25 AM
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> But I and the person that had the radio is only getting 50 watts.. I
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> Can anyone shead some light on the problem
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> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ yahoo.com> wrote:
>
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> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. com
> Date: Monday, April 13, 2009, 9:18 AM
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> Hello..
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> Mike WB2GLW
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[Non-text portions of this message have been removed]

25744. EhoCW won't PTT on my 897D

Yahoo group: FT897 (2009)
Date: 2009-04-18 14:06:11 UTC
From: Adam Filkins - KD8CCX
Topic: 25711 Message: 25744

Hello All,
I am trying to get EhoCW set up to use on my FT-897D, but it will not use the PTT function. I have had this program set up before, but the version has changed, and so has my computer. I am running Windows 2000, but have the PTT function working fine with Ham Radio Deluxe. Can't figure out why it won't fire off. Any help on this would be appreciated. I am wondering if the new version works well with Win2k or not, but can't find the older versions.

73's and thanks in advance for any help!

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com
.

<http://geo.yahoo.com/serv?s=97359714/grpId=6647750/grpspId=1705063108/msgId=25743/stime=1240050233/nc1=5579909/nc2=5202316/nc3=5191954>

[Non-text portions of this message have been removed]

25745. Re: 857/897 software.

Yahoo group: FT897 (2009)
Date: 2009-04-18 14:57:42 UTC
From: Bill
Topic: 25730 Message: 25745

> Gary
> n8gsj
The only time I had trouble (twice) is when I modified a repeater
freq and tried to upload it.
After I found the error I had made and corrected it I had no problem uploading it.
I have uploaded about 160 frequncies and only had 2 errors and they were both mine.
Make sure you have everything correct before hitting the upload mode.
Not to say this is your problem, but it has been mine before.
Bill, k3waw

25746. RE: [FT897] Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 15:18:17 UTC
From: Richard Drevo
Topic: 25737 Message: 25746

To All,

Be Careful...unless Heil and Yaesu have gotten together on this and solved the RJ-45 "form-fit and function" problem its probably not worth the aggravation. I have never been able to get the Heil R J-45 adapter to properly mate with my Yaesu FT-897. It fits loosely and does not make proper electrical contact with the radio. (I have, using a variety of "toothpicks" been able to get a decent electrical connection, but its still a real pain !!!)

For what's it worth department

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Corfield
Sent: Saturday, April 18, 2009 4:38 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Using Heil Pro-Set Plus

I've been looking at the Heil (don't tell the XYL ;-)

Which insert do you have? One of their inserts is designed to have little low frequency response but give that extra punch.

- Richard (M0RJC)

2009/4/17 ctwickey <ctwickey@yahoo. <mailto:ctwickey%40yahoo.com> com>

>
>
> Greetings,
>
> I may be opening a old can of worms, but here it goes.
>
> I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am
> using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior
> Ultra-Lite Antenna. no amp, what so ever.
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> Anyway, the question is, what would be the recommended setting on the Menus
> #45 through 49, plus #63 and 74 with this set up that I have?
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> I have tried some of the setting that was listed on this group, but I do
> not recall any of them using the Heil set up. I have been told that I have

> no lows, but I have the punch in my transmissions.
>
> Cliff, N6CTW
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25747. Re: [FT897] 2 metre tv interference

Yahoo group: FT897 (2009)
Date: 2009-04-18 16:06:40 UTC
From: Peter Booth
Topic: 25668 Message: 25747

I wish to thank everyone for all the advice I have recieved. I think the FT897 is a great rig. As I am getting on in years,I have decided to use 2M when the Telivision is not in use. I cannot get under the floorboards again. I may try the filters but that is as far as I will go. Thanx again everyone. I will close this subject now. Peter. G3XEM.

----- Original Message -----
From: "hamilton9092003" <pbooth@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, April 08, 2009 3:53 PM
Subject: [FT897] 2 metre tv interference

> I have put up a 5 element 2M Antenna but wherever I put the antenna,I get TV interference on my TVs from my FT897D. I have checked locally and neibours do not get any trouble. Could it be the cable run as the cable does run close to my TV cable. Am I using the wrong cable. It completely cuts off our home TVs,even on 5 Watts. Any advice welcome.
> Hamilton9092003. G3XEM. Thankyou.
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

25748. Re: [FT897] Re: 857/897 software.

Yahoo group: FT897 (2009)
Date: 2009-04-18 20:10:34 UTC
From: tailfeathers
Topic: 25730 Message: 25748

I did a reset and reinstalled the software and the update...Its working
now...thanks...

Gary

Bill wrote:
> The only time I had trouble (twice) is when I modified a repeater
> freq and tried to upload it.
> After I found the error I had made and corrected it I had no problem uploading it.
> I have uploaded about 160 frequncies and only had 2 errors and they were both mine.
> Make sure you have everything correct before hitting the upload mode.
> Not to say this is your problem, but it has been mine before.
> Bill, k3waw
>
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> ------------------------------------
>
> Yahoo! Groups Links
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> --
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.12.0/2066 - Release Date: 04/18/09 09:55:00
>
>

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25749. Re: Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 20:39:36 UTC
From: Sam Saladino
Topic: 25737 Message: 25749

According to the Heil Website the Pro-Set Plus comes with both the HC-4, also known as the DX Dream Machine which produces a high punchy sounding voice AND the HC-5 Full Range Element which will give you the lows you desire.

Information can be seen here

http://www.heilsound.com/amateur/products/prosetplus/index.htm

Now all you need to do is find out HOW you switch between the two elements.

If you can't figure it out here's the email addy to send your questions to.

info@...

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> I've been looking at the Heil (don't tell the XYL ;-)
>
> Which insert do you have? One of their inserts is designed to have little
> low frequency response but give that extra punch.
>
> - Richard (M0RJC)
>

25750. Re: [FT897] Re: Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 21:14:34 UTC
From: graham.astbury@theedge.ca
Topic: 25737 Message: 25750

There is a switch on the headset. Both elements are installed at the factory.

VE8AA

Graham Astbury
Yellowknife, NT CANADA

----- Original Message -----
From: Sam Saladino <ortracr@...>
Date: Saturday, April 18, 2009 2:39 pm
Subject: [FT897] Re: Using Heil Pro-Set Plus
> According to the Heil Website the Pro-Set Plus comes with both the
> HC-4, also known as the DX Dream Machine which produces a high
> punchy sounding voice AND the HC-5 Full Range Element which will
> give you the lows you desire.
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> Information can be seen here
>
> http://www.heilsound.com/amateur/products/prosetplus/index.htm
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> Now all you need to do is find out HOW you switch between the two
> elements.
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> If you can't figure it out here's the email addy to send your
> questions to.
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> info@...
>
>
> --- In FT897@yahoogroups.com, Richard Corfield
> <richard.corfield@...> wrote:
> >
> > I've been looking at the Heil (don't tell the XYL ;-)
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> > Which insert do you have? One of their inserts is designed to
> have little
> > low frequency response but give that extra punch.
> >
> > - Richard (M0RJC)
> >
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>

25751. Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-19 04:36:32 UTC
From: daroutergod
Topic: 25711 Message: 25751

I know this maybe elementary, but menu item 075, RF POWER SET, is it on 100?
You can try the master reset, HOME + PWR (when unit is turned off of coarse)

Otherwise, there are "tune settings" that can be done, but I would recommend getting the "repair" manual from Yaesu before you attempt them. I got one for mine just to have and it was like $10 and includes all the tuning steps, and how to do them, plus everything you could ever want to know from a techy side of things

--- In FT897@yahoogroups.com, "N. Anderson" <papadelta12001@...> wrote:
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@...> wrote:
>
>
> From: papadelta12001 <papadelta12001@...>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups.com
> Date: Monday, April 13, 2009, 9:18 AM
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> Hello..
>
> I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.
>

> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
>
> I need menu mode. I think.. The manual is confusing..
>
> Mike WB2GLW
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> [Non-text portions of this message have been removed]
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25752. Re: [FT897] Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-19 12:16:37 UTC
From: N. Anderson
Topic: 25711 Message: 25752

Can you give me the step by step to do this master reset..

Just hold down the home and pwr button..

Thanks

Mike WB2GLW
--- On Sat, 4/18/09, daroutergod <daroutergod@...> wrote:

From: daroutergod <daroutergod@...>
Subject: [FT897] Re: How to check and increase TX pwr output
To: FT897@yahoogroups.com
Date: Saturday, April 18, 2009, 9:36 PM

I know this maybe elementary, but menu item 075, RF POWER SET, is it on 100?
You can try the master reset, HOME + PWR (when unit is turned off of coarse)

Otherwise, there are "tune settings" that can be done, but I would recommend getting the "repair" manual from Yaesu before you attempt them. I got one for mine just to have and it was like $10 and includes all the tuning steps, and how to do them, plus everything you could ever want to know from a techy side of things

--- In FT897@yahoogroups. com, "N. Anderson" <papadelta12001@ ...> wrote:
>
> Hello AlL
>
> I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,
>
> But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.
>
> Is there a way to totally reset the radio.. REboot so to speak..
>
> Can anyone shead some light on the problem
>
> Thanks
>
> Mike WB2GLW
>
> --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ ...> wrote:
>
>
> From: papadelta12001 <papadelta12001@ ...>
> Subject: [FT897] How to check and increase TX pwr output
> To: FT897@yahoogroups. com
> Date: Monday, April 13, 2009, 9:18 AM
>

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> Hello..
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I see 50 watts on my tuner meter.
>
> How can I check the setting for TX power output.
>
> I have above A,, SPOT.. B,,BK... AND C,, KYR..
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> I need menu mode. I think.. The manual is confusing..
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> Mike WB2GLW
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25753. Re: How to check and increase TX pwr output

Yahoo group: FT897 (2009)
Date: 2009-04-19 13:17:00 UTC
From: n8mfn
Topic: 25711 Message: 25753

--- In FT897@yahoogroups.com, "N. Anderson" <papadelta12001@...> wrote:
>Just for my info are you trying to xmit into adummyload in the AM mode if so AM is only 1/2 power from the setting in menu 75 so if you want to check for full out put power put the rig into FM or turn off the keyer and and key the xmiter at least that works for me
Rick
N8MFN

> Can you give me the step by step to do this master reset..
>
> Just hold down the home and pwr button..
>
> Thanks
>
> Mike WB2GLW
> --- On Sat, 4/18/09, daroutergod <daroutergod@...> wrote:
>
>
> From: daroutergod <daroutergod@...>
> Subject: [FT897] Re: How to check and increase TX pwr output
> To: FT897@yahoogroups.com
> Date: Saturday, April 18, 2009, 9:36 PM
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>
> I know this maybe elementary, but menu item 075, RF POWER SET, is it on 100?
> You can try the master reset, HOME + PWR (when unit is turned off of coarse)
>
> Otherwise, there are "tune settings" that can be done, but I would recommend getting the "repair" manual from Yaesu before you attempt them. I got one for mine just to have and it was like $10 and includes all the tuning steps, and how to do them, plus everything you could ever want to know from a techy side of things
>
> --- In FT897@yahoogroups. com, "N. Anderson" <papadelta12001@ ...> wrote:
> >
> > Hello AlL
> >
> > I found how to get into menu mode.. And the PWR setting is 100 watts on the HF bands.,
> >
> > But I and the person that had the radio is only getting 50 watts.. I am reading 50 watts on a MFJ 969 tuner when its set for dummy load mode.

> >
> > Is there a way to totally reset the radio.. REboot so to speak..
> >
> > Can anyone shead some light on the problem
> >
> > Thanks
> >
> > Mike WB2GLW
> >
> > --- On Mon, 4/13/09, papadelta12001 <papadelta12001@ ...> wrote:
> >
> >
> > From: papadelta12001 <papadelta12001@ ...>
> > Subject: [FT897] How to check and increase TX pwr output
> > To: FT897@yahoogroups. com
> > Date: Monday, April 13, 2009, 9:18 AM
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> > Hello..
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> > I bought a second hand 897D. The guy I got it from complained about only 50 watts output. I see 50 watts on my tuner meter.
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> > How can I check the setting for TX power output.
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> > Mike WB2GLW
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25754. Re: Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-19 13:50:12 UTC
From: nr3r15
Topic: 25737 Message: 25754

--- In FT897@yahoogroups.com, "ctwickey" <ctwickey@...> wrote:
Cliff, I use tghe pro set and love it. The problem you may be having is the element selected. Iam sure you know it has 2 elements. The 4 is for punch to get thru noise and pileups. The 5 is used for general rag chewing. This is where you get the lows. Use this element for the most part. You switch between them by the small switch at the mic. You may have to remove the foam wind filter to see the switch. On my 897 I have the settings as: 45-240 46-100 47-6000 48-Both 49-10 63-50 74-80. I might add that Heils are made to NOT pick up background noise so it is recommended that you increase your mic gain. I put mine up from 50 to 85 and get very good comments on both power and audio.

Hope this helps. You can always call or email Heil, they have a very good support system there. Always had a quick reply for questions.

Larry / nr3r

25755. Re: [FT897] Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 17:19:15 UTC
From: Redd Legg
Topic: 25737 Message: 25755

Universal Radio sells a AD-1YM for the Heil ProSet. Got mine the other day and it works flawlessly. Made in the USA no less.

From: Richard Drevo <rdrevo@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 18, 2009 11:18:17 AM
Subject: RE: [FT897] Using Heil Pro-Set Plus

To All,

Be Careful...unless Heil and Yaesu have gotten together on this and solved the RJ-45 "form-fit and function" problem its probably not worth the aggravation. I have never been able to get the Heil R J-45 adapter to properly mate with my Yaesu FT-897. It fits loosely and does not make proper electrical contact with the radio. (I have, using a variety of "toothpicks" been able to get a decent electrical connection, but its still a real pain !!!)

For what's it worth department

73es,
Dick, W3GNQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Richard Corfield
Sent: Saturday, April 18, 2009 4:38 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Using Heil Pro-Set Plus

I've been looking at the Heil (don't tell the XYL ;-)

Which insert do you have? One of their inserts is designed to have little low frequency response but give that extra punch.

- Richard (M0RJC)

2009/4/17 ctwickey <ctwickey@yahoo. <mailto:ctwickey% 40yahoo.com> com>

>
>
> Greetings,
>
> I may be opening a old can of worms, but here it goes.
>
> I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am
> using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior

> Ultra-Lite Antenna. no amp, what so ever.
>
> Anyway, the question is, what would be the recommended setting on the
Menus
> #45 through 49, plus #63 and 74 with this set up that I have?
>
> I have tried some of the setting that was listed on this group, but I do
> not recall any of them using the Heil set up. I have been told that I have
> no lows, but I have the punch in my transmissions.
>
> Cliff, N6CTW
>
>
>

[Non-text portions of this message have been removed]

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25756. 897 and bands

Yahoo group: FT897 (2009)
Date: 2009-04-18 18:34:44 UTC
From: gary
Topic: 25756 Message: 25756

what is the procedure for preventing an 897 fron creating additional bands
tu es 73 gary n6biz

25757. Re: [FT897] Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 17:23:12 UTC
From: Redd Legg
Topic: 25737 Message: 25757

I just got my ProSet Plus last week. It has both H4 and H5 filters and the sound is out of this world. Well worth the money. The phase switch is great for reading a weak station. Flip it over and go from a rich spacious sound to the "center of the head" setting for those hard to hear stations.

From: Richard Corfield <richard.corfield@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 18, 2009 4:38:16 AM
Subject: Re: [FT897] Using Heil Pro-Set Plus

I've been looking at the Heil (don't tell the XYL ;-)

Which insert do you have? One of their inserts is designed to have little low frequency response but give that extra punch.

- Richard (M0RJC)

2009/4/17 ctwickey <ctwickey@yahoo. com>

>
>
> Greetings,
>
> I may be opening a old can of worms, but here it goes.
>
> I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am
> using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior
> Ultra-Lite Antenna. no amp, what so ever.
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> Anyway, the question is, what would be the recommended setting on the Menus
> #45 through 49, plus #63 and 74 with this set up that I have?
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> I have tried some of the setting that was listed on this group, but I do
> not recall any of them using the Heil set up. I have been told that I have
> no lows, but I have the punch in my transmissions.
>
> Cliff, N6CTW
>
>
>

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[Non-text portions of this message have been removed]

25758. 897 creates new bands

Yahoo group: FT897 (2009)
Date: 2009-04-18 18:33:19 UTC
From: gary
Topic: 25758 Message: 25758

how do you make an 897 as you change bands not have an extra say 40 meter band or 20 etc without doing a reset
had mine years and she mysteriuoly does this
tu
es 73 gary n6biz

25759. Re: MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-04-19 12:26:53 UTC
From: N1ONE
Topic: 25500 Message: 25759

Richard,

Just a note, I recently sent my FT-897 (bought new in 2003) back for repair to the CA facility. It had the low output problem because of the mis-adjusted bias currents and ultimately blew up the FET in the exciter stage. Of course I went in to fix it, and did, but i was poking around in there and accidently shorted something out and the radio shut off and would not turn back on.
I had no other choice but to return it for repair. My experience with them was good. I shipped the radio ground from MA to CA, the facility called me when the radio arrived, they looked at it and quoted me $190.00 (mostly labor of course)+ shipping to repair and return it to me. (2) weeks later I got the radio back and it is now working like a champ again. They even re-programmed all my memories back in for me.

Not bad..I was happy to spend $190 bucks to get this radio back...cheaper than replacing it.

Good luck with yours.

73,

N1ONE

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> That's good! Makes me more optimistic.
>
> I talked to their tech support department. They couldn't help on the
> specific problem but told me that when they repair they repair the board
> rather than replace. Pros and cons there - more time, more labour, less part
> cost, dunno if anything else is on its way out. If I send mine in for repair
> I'd ask them to check the whole thing.
>
> - Richard
>
> 2009/3/26 daroutergod <daroutergod@...>
>
> > I got the whole assy knobs and switch from Yaesu for less than $10
> > including shipping for my 857 and it only took 3 days to arrive.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

25760. 13.8 Volts from CAT/LINEAR Jack

Yahoo group: FT897 (2009)
Date: 2009-04-19 11:18:16 UTC
From: vk5la
Topic: 25760 Message: 25760

Hi All,
Does anyone in the group have access to information ragarding the maximum amount of current available on the 13.8 volt pin at this connector?
I wish to run a mast head preamp from this 13.8 volt source that draws 102mA. Hopefully this won't be too much current.
Thanks
Andy - VK5LA
Winkie, SA

25761. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-04-19 13:12:47 UTC
From: N1ONE
Topic: 25307 Message: 25761

Hey Gordon,

I have both the FT-897 and the FT-450. I use the ft-897 at my summer camp...during the summer. I bring it home in the winter and it sits next to my FT-450. I have noticed the same as you, I have both units on the same 80M dipole, same tuner, DSP off on both radios, IPO off, ATT off and everything. I notice that the 897 has about (2-3)s units more noise than the FT-450. The FT-450 does have IF DSP and is more effective at eliminating the noise from the signal you want to here. The FT-897 does a good job, you just have to spend a little more time fiddling with the IF shift and the audio dsp to get the weak ones.

That being said.....I would not trade my 897 for anything, it is an awesome radio for my summer camp and is hard to beat for all round versatility.

Good Luck,

73 N1ONE

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I own an 897 and am stuggling to work HF from a Manhattan apartment.
>
> Recently had a chance to work a Yaesu 450 and was immediately struck by how much quieter the 450 is compared with the 897 as I dial through 20 meters. Far less background noise to overcome with DSP, etc. than I find on the 897.
>
> I realize this may not be a fair comparison, since the 897 feeds a Super Antenna mounted in the apartment, with a quarter-wave counterpoise hanging outside the window, while the 450 feeds an external dipole.
>
> Still, my best efforts to quiet the 897 don't come close to matching the noise level on the 450, even with DSP off and no filters in use.
>
> Any thoughts on this--including ideas for quieting the 897--would be appreciated.
>
> Gordon
> K2GLW
>

25762. Re: Buy FT-897 vs FT-950

Yahoo group: FT897 (2009)
Date: 2009-04-19 12:40:44 UTC
From: N1ONE
Topic: 25333 Message: 25762

Hey John,

I went through this same thought process back in 2003, I also bought the FT-897 as my first(modern)HF rig for all the same reasons you stated. I can tell you that I don't regret it one bit. I have now moved on to other radios with IF DSP and other features, but my trusty FT-897 is used ALL summer long at my summer camp, it is great to have a radio as versitile as the 897. I am sure that even if you upgrade to a more capable rig in the future, you will always have plenty of reason/situations where the 897 will fit the bill perfectly.

Good luck and enjoy the radio.

73,

N1ONE

--- In FT897@yahoogroups.com, "John Bucsek" <pwyll99@...> wrote:
>
> --- In FT897@yahoogroups.com, "ak40f" <ak40f@> wrote:
> >
> > I know there is quite a difference but here is my dilemma. The 897D has VHF and is small to take with me when I travel to VA. However, I am not sure I am a fan of all the menus to get things done. The 950 has less menus and more controls, better receiver, but no VHF and is larger to haul. So, if you have had experience with both what do you suggest. I keep thinking I have the HT for VHF and can always go mobile.
> >
> > Thanks for your thoughts,
> > George
> > AK4OF
> >
> I just purchased a FT897D as my first HF rig. I also considered the IC706MkIIG, FT950 and the IC-7000, but decided to go with the FT897D for the following reasons:
> - I can add internal batteries to the 897 making it portable for camping and available for use in emergency situations. I wanted portable but didn't really need mobile.
> - I like having the VHF/UHF in one radio rather than purchasing a separate VHF/UHF rig. Less stuff to grab in case of an emergency. Also you can work all modes on VHF/UHF with the 8x7 series.
> - I can add mechanical filters once I feel I'm to the point where I need them.
> - The 897 can work as a mobile, if you have the passenger seat to spare.
> - The argument that the 897 has a small display is irrevelent if you use HamRadioDeluxe.
>
> Other pluses:
> - The CAT interface along with HamRadioDeluxe is a must have addon. Completely user configurable and eliminates the need to search through menus. Add a RigBlaster or something similar and your good to go with the digital modes.
> - If you plan on using an antenna tuner and the CAT port, the LDG-897 tuner allows both.

>
> I'm new to this so I haven't done much with HF yet other than listen. I've been on the air on VHF and UHF with the 897 using the FM and SSB modes and have gotten good signal and readability reports. So I'm happy with the 897 on VHF/UHF.
> The portability of the radio was also important in case our ARES group has to deploy.
>
> So basically I'm very pleased with the 897 as my one and only DC to daylight radio. I also think it makes a good rig for a first time buyer thats not afraid of the menu systems necessary on smaller radios.
>
> 73, John - KE7WNB
>

25763. Re: 13.8 Volts from CAT/LINEAR Jack

Yahoo group: FT897 (2009)
Date: 2009-04-19 20:28:32 UTC
From: Lemmerman "Charley" Kroh Sr
Topic: 25760 Message: 25763

--- In FT897@yahoogroups.com, "vk5la" <vk5la@...> wrote:
>
> Hi All,
> Does anyone in the group have access to information ragarding the maximum amount of current available on the 13.8 volt pin at this connector?
> I wish to run a mast head preamp from this 13.8 volt source that draws 102mA. Hopefully this won't be too much current.
> Thanks
> Andy - VK5LA
> Winkie, SA
>
Hi Andy,
The schematic shows a 3.15 Ampere, surface mount fuse, near the CAT jack.
Mine was blown, so I jumpered it with and short piece of fine wire. I needed the 13.8 volts to run the LDG AT-897 tuner.
Charley-KC3KN

25764. Re: [FT897] Re: MEM/VFO Knob

Yahoo group: FT897 (2009)
Date: 2009-04-19 21:01:04 UTC
From: Richard Corfield
Topic: 25500 Message: 25764

Mine has come back from repair by a local specialist. Apparently a previous repair had used an acid based solder or glue and resulted in corrosion of some tracking. This has now been fixed and I'm told it is otherwise in good condition.

It's interesting to note your comments on the 897 versus the 450 as I was wondering about the 450 and noticed some second hand at similar price though I'd have end up buying another radio for VHF/UHF. I went for the 897 in the end for versatility. There are so many good radios out there for so many jobs. Another one I eyed up was the 817. Still, so far the 897 has done well. It seems better after its repair too. I'm looking forward to trying it on HF again, but must get past the "don't want to break it again" nerves a little, daft as that may be.

- Richard

2009/4/19 N1ONE <n1one@...>

>
>
> Richard,
>
> Just a note, I recently sent my FT-897 (bought new in 2003) back for repair
> to the CA facility. It had the low output problem because of the
> mis-adjusted bias currents and ultimately blew up the FET in the exciter
> stage. Of course I went in to fix it, and did, but i was poking around in
> there and accidently shorted something out and the radio shut off and would
> not turn back on.
> I had no other choice but to return it for repair. My experience with them
> was good. I shipped the radio ground from MA to CA, the facility called me
> when the radio arrived, they looked at it and quoted me $190.00 (mostly
> labor of course)+ shipping to repair and return it to me. (2) weeks later I
> got the radio back and it is now working like a champ again. They even
> re-programmed all my memories back in for me.
>
> Not bad..I was happy to spend $190 bucks to get this radio back...cheaper
> than replacing it.
>
> Good luck with yours.
>
> 73,
>
> N1ONE
>
>

[Non-text portions of this message have been removed]

25765. RE: [FT897] 897 creates new bands

Yahoo group: FT897 (2009)
Date: 2009-04-19 22:32:52 UTC
From: eric@van-de-weyer.org
Topic: 25758 Message: 25765

Hi Gary,

go back and read the manual, it's how the radio works. Most of teh yaesu radios I know work that way. I have the FT-100D, 817 and 897 and they all work this way.

Apart from the programmed Amateur bands, there are 2 extra bands, one HF and the other VHF/UHF which remember out of Amateur band frequencies, however, if you tune one of them into an Amateur band you will then have 2 of that band.

Tune one of them out of the ham band and you will no longer have the extra one of that band.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "gary" <n6biz@...>
>Date: Sat, 18 Apr 2009 18:33:19 -0000
>Subject: [FT897] 897 creates new bands
>Reply-To: FT897@yahoogroups.com
>
>
>how do you make an 897 as you change bands not have an extra say 40 meter
>band or 20 etc without doing a reset
>had mine years and she mysteriuoly does this
>tu
>es 73 gary n6biz
>
>
>
>-----------------------------------
>
>Yahoo! Groups Links
>
>
>

25766. Re: [FT897] 897 and bands

Yahoo group: FT897 (2009)
Date: 2009-04-20 00:06:23 UTC
From: Jim C
Topic: 25756 Message: 25766

I think that happens when you re tune one of the upper bands to a frequency that is below the band below it. Then the band display seems to reorganize itself. You might be able to move the offending band back up higher. Earlier, in December or January someone sent me a post to explain it so if yu search the archives you can probably find it

gary wrote:
>
>
> what is the procedure for preventing an 897 fron creating additional
> bands
> tu es 73 gary n6biz
>
>

25767. Re: [FT897] Re: 13.8 Volts from CAT/LINEAR Jack

Yahoo group: FT897 (2009)
Date: 2009-04-20 00:10:23 UTC
From: Jim C
Topic: 25760 Message: 25767

jumpering fuses not good

Lemmerman "Charley" Kroh Sr wrote:
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "vk5la"
> <vk5la@...> wrote:
> >
> > Hi All,
> > Does anyone in the group have access to information ragarding the
> maximum amount of current available on the 13.8 volt pin at this
> connector?
> > I wish to run a mast head preamp from this 13.8 volt source that
> draws 102mA. Hopefully this won't be too much current.
> > Thanks
> > Andy - VK5LA
> > Winkie, SA
> >
> Hi Andy,
> The schematic shows a 3.15 Ampere, surface mount fuse, near the CAT jack.
> Mine was blown, so I jumpered it with and short piece of fine wire. I
> needed the 13.8 volts to run the LDG AT-897 tuner.
> Charley-KC3KN
>
>

25768. FNB-78 Rear battery charging socket...'

Yahoo group: FT897 (2009)
Date: 2009-04-20 01:44:14 UTC
From: vk5la
Topic: 25768 Message: 25768

I have looked on the net at various places to find the pinouts for the mic style rear socket for charging this battery, but to no avail...
Can anyone provide this information, and if and where you can buy the matching plug?

Cheers
Andy - VK5LA

25769. Re: FNB-78 Rear battery charging socket...'

Yahoo group: FT897 (2009)
Date: 2009-04-20 03:07:32 UTC
From: Lemmerman "Charley" Kroh Sr
Topic: 25768 Message: 25769

--- In FT897@yahoogroups.com, "vk5la" <vk5la@...> wrote:
>
> I have looked on the net at various places to find the pinouts for the mic style rear socket for charging this battery, but to no avail...
> Can anyone provide this information, and if and where you can buy the matching plug?
>
> Cheers
> Andy - VK5LA
>
Hi Andy,
Pin 1 Black, minus voltage, connects to battery and to radio.
Pin 2 Yellow, conects to Pin 4. Tells CD-24 charger that battery is connected.
Pin 3 Red, positive voltage, connects to battery and to radio.
Pin 4 Yellow, conncts to Pin 2.
Pin 5 Blue, straight throught to radio, to LED, tells battery is being charged.
Pin 6 White connects to thermister, 12.8 K ohms, to Pin 1 detects battery temperature while charging.
Connector is standard 6 pin microphone connector.
Charley-KC3KN

25770. Re: FNB-78 Rear battery charging socket...'

Yahoo group: FT897 (2009)
Date: 2009-04-20 03:50:58 UTC
From: vk5la
Topic: 25768 Message: 25770

Hi Charlie,
Thanks for that information, much appreciated.
Is this info readily available?
I there a net source that actually give this or have you just opened up the plug and looked?

Thanks again!
Andy - VK5LA

> Hi Andy,
> Pin 1 Black, minus voltage, connects to battery and to radio.
> Pin 2 Yellow, conects to Pin 4. Tells CD-24 charger that battery is connected.
> Pin 3 Red, positive voltage, connects to battery and to radio.
> Pin 4 Yellow, conncts to Pin 2.
> Pin 5 Blue, straight throught to radio, to LED, tells battery is being charged.
> Pin 6 White connects to thermister, 12.8 K ohms, to Pin 1 detects battery temperature while charging.
> Connector is standard 6 pin microphone connector.
> Charley-KC3KN
>

25771. Re: 897 creates new bands

Yahoo group: FT897 (2009)
Date: 2009-04-20 14:15:46 UTC
From: George
Topic: 25758 Message: 25771

There is not a method to prevent this. The radio is operating as it is designed.

When you tune outside the normal band ends the radio creates a new "soft band" for that location in the spectrem and places it appropriately in the scroll of the bands. If you later than go to a different band (say 80 instead of the 40 you were previously in) and tune up towards 160 out of the 80 band edge that previously created "soft band" around the 40m band will disappear and be replace by the new 80m area band.

This can be usefull. I have set mine to automatically come up on the 10.0mhz WWV signal.

George
kc0woa

--- In FT897@yahoogroups.com, "gary" <n6biz@...> wrote:
>
> how do you make an 897 as you change bands not have an extra say 40 meter band or 20 etc without doing a reset
> had mine years and she mysteriuoly does this
> tu
> es 73 gary n6biz
>

25772. "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-20 15:46:48 UTC
From: Lew Phelps K6LMP
Topic: 25772 Message: 25772

For anyone who is interested, an eBay ham radio equipment dealer in Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition" FT-897D for sale on eBay, auction item 260395367882

Current price is $325, 6 bids. Seller has set it up as a private auction so there's no way to tell whether that's two bidders or six. Auction ends Sunday, 26 April at 6 p.m. EDT.

Might be a good opportunity for somebody looking to pick up an 897D.

Lew K6LMP

25773. Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-21 20:18:55 UTC
From: Jerry Johnston
Topic: 25773 Message: 25773

I downloaded and saved a memory file using FTBasicMMO. I then performed a master reset (V/M + F + Power On) which cleared all memory channels and settings. When trying to use the FTBasicMMO file to write back to the 897's memory, I receive a "No acknowledgement from the rig that data was received" error from the software, and the 897 flashes "Error" on the screen.

The settings are correct since I can write the FTBasicMMO default memory list (which is empty but for 1 channel) to the 897 without any problems. So Com Port, Baud, etc. are all correct and working. Only when using my saved memory file do I get an error.

Any ideas or suggestions?

25774. Re: [FT897] Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-21 20:34:35 UTC
From: tailfeathers
Topic: 25773 Message: 25774

Turn mem #1 on and then set baud rate in the rig to 9600 and
cat/linear/? to cat

gary

Jerry Johnston wrote:
> I downloaded and saved a memory file using FTBasicMMO. I then performed a master reset (V/M + F + Power On) which cleared all memory channels and settings. When trying to use the FTBasicMMO file to write back to the 897's memory, I receive a "No acknowledgement from the rig that data was received" error from the software, and the 897 flashes "Error" on the screen.
>
> The settings are correct since I can write the FTBasicMMO default memory list (which is empty but for 1 channel) to the 897 without any problems. So Com Port, Baud, etc. are all correct and working. Only when using my saved memory file do I get an error.
>
> Any ideas or suggestions?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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> --
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.12.1/2071 - Release Date: 04/21/09 08:30:00
>
>

Save $10 on Flowers and Gifts!
Shop now at www.ftd.com/16714
http://thirdpartyoffers.juno.com/TGL2141/fc/Dh4GRr5bIdxxfl9IsI9G4NKfxM23mVcdFbXQ8E0zmGQ25CHEMMfeN255bmY/

25775. Re: [FT897] Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-21 21:00:52 UTC
From: Bryce Anderson
Topic: 25773 Message: 25775

Silly question -
Have you registered FTBasic MMO?
If it's not registered, then you can't write to the radio.
If you are using Vista, you have to go thru extra steps to get it to
recognize the registration all the time.

On Tue, Apr 21, 2009 at 1:18 PM, Jerry Johnston <jerryjohnston@...>wrote:

>
>
> I downloaded and saved a memory file using FTBasicMMO. I then performed a
> master reset (V/M + F + Power On) which cleared all memory channels and
> settings. When trying to use the FTBasicMMO file to write back to the 897's
> memory, I receive a "No acknowledgement from the rig that data was received"
> error from the software, and the 897 flashes "Error" on the screen.
>
> The settings are correct since I can write the FTBasicMMO default memory
> list (which is empty but for 1 channel) to the 897 without any problems. So
> Com Port, Baud, etc. are all correct and working. Only when using my saved
> memory file do I get an error.
>
> Any ideas or suggestions?
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

25776. Re: Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-21 21:51:39 UTC
From: Jerry Johnston
Topic: 25773 Message: 25776

I set the baud rate to 9600 and cat/linear was already set to "cat". I'm not sure what you mean by turning mem#1 on, but I did set the radio to memory channel 1 before turning off.

Turning rig on (while holding Mode <> keys) had same effect.

--- In FT897@yahoogroups.com, tailfeathers <tailfeathers@...> wrote:
>
> Turn mem #1 on and then set baud rate in the rig to 9600 and
> cat/linear/? to cat
>
> gary
>
>
> Jerry Johnston wrote:
> > I downloaded and saved a memory file using FTBasicMMO. I then performed a master reset (V/M + F + Power On) which cleared all memory channels and settings. When trying to use the FTBasicMMO file to write back to the 897's memory, I receive a "No acknowledgement from the rig that data was received" error from the software, and the 897 flashes "Error" on the screen.
> >
> > The settings are correct since I can write the FTBasicMMO default memory list (which is empty but for 1 channel) to the 897 without any problems. So Com Port, Baud, etc. are all correct and working. Only when using my saved memory file do I get an error.
> >
> > Any ideas or suggestions?
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> > --
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.0.238 / Virus Database: 270.12.1/2071 - Release Date: 04/21/09 08:30:00
> >
> >
> ____
> Save $10 on Flowers and Gifts!

> Shop now at www.ftd.com/16714
> http://thirdpartyoffers.juno.com/TGL2141/fc/Dh4GRr5bIdxxfl9IsI9G4NKfxM23mVcdFbXQ8E0zmGQ25CHEMMfeN255bmY/
>

25777. Re: Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-21 21:52:23 UTC
From: Jerry Johnston
Topic: 25773 Message: 25777

Yes, it's registered. I'm using Windows XP.

--- In FT897@...m, Bryce Anderson <Bryce2001@...> wrote:
>
> Silly question -
> Have you registered FTBasic MMO?
> If it's not registered, then you can't write to the radio.
> If you are using Vista, you have to go thru extra steps to get it to
> recognize the registration all the time.
>
> On Tue, Apr 21, 2009 at 1:18 PM, Jerry Johnston <jerryjohnston@...>wrote:
>
> > >
> > >
> > > I downloaded and saved a memory file using FTBasicMMO. I then performed a
> > > master reset (V/M + F + Power On) which cleared all memory channels and
> > > settings. When trying to use the FTBasicMMO file to write back to the 897's
> > > memory, I receive a "No acknowledgement from the rig that data was received"
> > > error from the software, and the 897 flashes "Error" on the screen.
> > >
> > > The settings are correct since I can write the FTBasicMMO default memory
> > > list (which is empty but for 1 channel) to the 897 without any problems. So
> > > Com Port, Baud, etc. are all correct and working. Only when using my saved
> > > memory file do I get an error.
> > >
> > > Any ideas or suggestions?
> > >
> > >
> > >
> >
> >
> >
> > --
> > B Anderson
> > K 6 TI
> >
> >
> > [Non-text portions of this message have been removed]
> >

25778. Re: [FT897] Using Heil Pro-Set Plus

Yahoo group: FT897 (2009)
Date: 2009-04-18 15:20:08 UTC
From: Dan Schaaf
Topic: 25737 Message: 25778

I use the Proset and it does wiggle but the connection is good.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"
==========
----- Original Message -----
From: Richard Drevo
To: FT897@yahoogroups.com
Sent: Saturday, April 18, 2009 11:18 AM
Subject: RE: [FT897] Using Heil Pro-Set Plus

To All,

Be Careful...unless Heil and Yaesu have gotten together on this and solved the RJ-45 "form-fit and function" problem its probably not worth the aggravation. I have never been able to get the Heil R J-45 adapter to properly mate with my Yaesu FT-897. It fits loosely and does not make proper electrical contact with the radio. (I have, using a variety of "toothpicks" been able to get a decent electrical connection, but its still a real pain !!!)

For what's it worth department

73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Corfield
Sent: Saturday, April 18, 2009 4:38 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Using Heil Pro-Set Plus

I've been looking at the Heil (don't tell the XYL ;-)

Which insert do you have? One of their inserts is designed to have little low frequency response but give that extra punch.

- Richard (M0RJC)

2009/4/17 ctwickey <ctwickey@yahoo. <mailto:ctwickey%40yahoo.com> com>

>
>
> Greetings,
>
> I may be opening a old can of worms, but here it goes.

>
> I have the FT-897D with the Heil Pro-Set Plus connected to the radio. I am
> using the LDG AT-200Pro Autotuner with a 4:1 balun and Cobra Junior
> Ultra-Lite Antenna. no amp, what so ever.
>
> Anyway, the question is, what would be the recommended setting on the
Menus
> #45 through 49, plus #63 and 74 with this set up that I have?
>
> I have tried some of the setting that was listed on this group, but I do
> not recall any of them using the Heil set up. I have been told that I have
> no lows, but I have the punch in my transmissions.
>
> Cliff, N6CTW
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25779. Re: [FT897] Re: SWR reading on the 897D

Yahoo group: FT897 (2009)
Date: 2009-04-11 20:58:48 UTC
From: Dan Schaaf
Topic: 25654 Message: 25779

Take a look at the MFJ 998 Auto Tuner. Or one of their lower power rated auto tuners. Mine will tune damn near anything.
Love it. One button tune, tunes in 4 seconds or less typically in 1 second.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"

----- Original Message -----
From: D F
To: FT897@yahoogroups.com
Sent: Saturday, April 11, 2009 2:28 PM
Subject: Re: [FT897] Re: SWR reading on the 897D

If you use an AUTOTUNER you may not get any better, but using a manual tuner may get a little better performance and a whole lot lower SWR than an autotuner will. An autotuner will get you safe, usually just below the threshold considered safe while a manual tuner allows you to get as low as you want, most times a flat 1:1 - an autotuner won't, usually.

Have fun!

Dennis - N8BMB

From: willgord <willgord@...>
To: FT897@yahoogroups.com
Sent: Saturday, April 11, 2009 12:12:25 PM
Subject: [FT897] Re: SWR reading on the 897D

Thank you. I looked for threads but did not find any that were particularly on target.

I am using a SuperAntenna which requires a good deal of precise hand-tuning. Have the antenna tuned well enough on 20 meters that I have now worked 20 U.S. states and around 25 foreign countries. Not sure how precise the SWR reading is on the 897D when it is in the meter setting, but obviously SWR is low enough that it isn't triggering the warning.

Had thought of getting the LDG tuner for the rig to refine my tuning, but the folks at HRO assure me I won't get any further improvement- -meaning lower SWR and maybe a tad more power--by adding the tuner.

Again, thanks for your quick reply.

Gordon
K2GLW

--- In FT897@yahoogroups. com, D F <n8bmb1@...> wrote:
>
> The "High SWR" trips around a reading of 3:1. There has been MANY threads on this

subject. Try looking in some of the past posts and the file section as well as I know there have been some files uploaded referring to SWR as well
>
> Dennis - N8BMB
>
>
>
>
> _____ _____ _____ __
> From: willgord <willgord@.. .>
> To: FT897@yahoogroups. com
> Sent: Saturday, April 11, 2009 5:56:10 AM
> Subject: [FT897] SWR reading on the 897D
>
>
>
>
>
> Any idea how high the SWR has to be to trigger the "high SWR" warning on the 897
>
> I have tuned my Super Antenna so I no longer get a high SWR warning, but am curious how has it has to go to trigger the warning.
>
> Finaly, how accurete is the SWR reading you get when you are in the meter mode?
>
> Thanks
>
> Gordon
> K2GLW
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25780. Re: "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-21 14:02:59 UTC
From: jaj31234
Topic: 25772 Message: 25780

I suggest that anyone bidding research the reputation of the seller on QRZ.com or eham.net.

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> For anyone who is interested, an eBay ham radio equipment dealer in
> Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition"
> FT-897D for sale on eBay, auction item 260395367882
>
> Current price is $325, 6 bids. Seller has set it up as a private
> auction so there's no way to tell whether that's two bidders or six.
> Auction ends Sunday, 26 April at 6 p.m. EDT.
>
> Might be a good opportunity for somebody looking to pick up an 897D.
>
> Lew K6LMP
>

25781. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-20 23:28:24 UTC
From: jim Hall
Topic: 25772 Message: 25781

Radio-mart is a know BAD guy.
Buyer beware!!!!

Jim K7OET

----- Original Message ----
From: Lew Phelps K6LMP <k6lmp@...>
To: FT897@yahoogroups.com
Sent: Monday, April 20, 2009 8:46:48 AM
Subject: [FT897] "Mint" 897-D for sale on eBay

For anyone who is interested, an eBay ham radio equipment dealer in
Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition"
FT-897D for sale on eBay, auction item 260395367882

Current price is $325, 6 bids. Seller has set it up as a private
auction so there's no way to tell whether that's two bidders or six.
Auction ends Sunday, 26 April at 6 p.m. EDT.

Might be a good opportunity for somebody looking to pick up an 897D.

Lew K6LMP

Yahoo! Groups Links

25782. Re:"Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-21 20:13:22 UTC
From: Bob
Topic: 25772 Message: 25782

>For anyone who is interested, an eBay ham radio equipment dealer in
>Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition"
>FT-897D for sale on eBay, auction item 260395367882

Caveat emptor! I bought an oscilloscope that was in "Great condition" "Works great"
"Probes included" from radio-mart. It showed up with a rusted case, one external ground
probe, and a loose CRT that needed aligned badly. They had very carefully posed
pictures on the listing that didn't show the rust, and it wasn't shown turned on. My mistake.
My fault for not checking on it more. Just be very careful if you buy from them.

My 2¢ - hope others can learn from my mistakes.

Bob - W9WTF

[Non-text portions of this message have been removed]

25783. Re: [FT897] Re: Can't write memory using FTBasicMMO

Yahoo group: FT897 (2009)
Date: 2009-04-22 07:58:44 UTC
From: Andrew Cartwright
Topic: 25773 Message: 25783

Jerry Johnston wrote:
> Yes, it's registered. I'm using Windows XP.
>
>

Hi Jerry,

Join the ftbasic yahoo group. The author, Bob - G4HFQ, always monitors this group and his support is truly first class.

Regards

Andrew - G7MNS

25784. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 12:06:59 UTC
From: Jim C
Topic: 25772 Message: 25784

Checking his reputation on Ebay, he has one negative feedback in thelast month, 20 in the last 6 months and 37 in the last 12 months. He also has 1 neutral in the last month, 6 in the last 6 monnths and 22 in the last 12 months.

Here is a rather disturbing one, since whenever I've dealt with goods damaged in shipment, the insurance will only deal with the person that shipped the item.

EL ARTICULO RECIVIDO ALOS DOS DIAS DEJO DE OIR. EL ALTAVOZ SE ESTROPEO
ma1_25 <http://myworld.ebay.com/ma1_25> (26
<http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=ma1_25>
[Feedback score is 10 to 49])
Ap-09-09 01:46

*
Reply by radio-mart (Apr-09-09 05:01):
If Damaged you should have claimed on the insurance, it was
covered, Sorry

Lew Phelps K6LMP wrote:
>
>
> For anyone who is interested, an eBay ham radio equipment dealer in
> Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition"
> FT-897D for sale on eBay, auction item 260395367882
>
> Current price is $325, 6 bids. Seller has set it up as a private
> auction so there's no way to tell whether that's two bidders or six.
> Auction ends Sunday, 26 April at 6 p.m. EDT.
>
> Might be a good opportunity for somebody looking to pick up an 897D.
>
> Lew K6LMP
>
>

25785. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 12:15:07 UTC
From: Jim C
Topic: 25772 Message: 25785

Here are most disturbing examples .... It looks like if you are lucky
and everything is ok it is fine, however, if there is a problem, he
doesn't resolve it, but claims he does.

Sold in good conditions, the IC765 is good for the trashcan. Fraudulent
seller.
sonialsl <http://myworld.ebay.com/sonialsl> (49
<http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=sonialsl>
[Feedback score is 10 to 49])
Dec-28-08 02:53

*
Reply by radio-mart (Dec-28-08 08:22):
Full Refund including Shipping Offered, States it was damaged in
Transit, Insure
o
Follow-up by sonialsl (Dec-28-08 09:21):
You've refund ZER0! You'll be soon out of business. Trust me.

Worsed mis-representation of condition I have experienced in the past
12 years !
www.plug-in.to <http://myworld.ebay.com/www.plug-in.to> (1063
<http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=www.plug-in.to>
[Feedback score is 1,000 to 4,999])
Dec-26-08 13:44

*
Reply by radio-mart (Dec-28-08 08:18):
Gave you $150 refund which means an MT-3000A for $75, I offered a
full refund in
o
Follow-up by www.plug-in.to (Dec-28-08 11:24):
Honesty is something he does not practice, I received no
$150 refund only crap !

tester in bad condition and dont working, item was full working good
condition !
radioman0_14 <http://myworld.ebay.com/radioman0_14> (2573
<http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=radioman0_14>
[Feedback score is 1,000 to 4,999])
Dec-21-08 08:35

*
Reply by radio-mart (Dec-22-08 08:05):
not a single email to let me know u were unhappy, well your now
blocked Mer Xmas

o
Follow-up by radioman0_14 (Dec-23-08 03:16):
53 negative feedbacks in one year !! I have sent you 5
emails and no repons !!!

Lew Phelps K6LMP wrote:
>
>
> For anyone who is interested, an eBay ham radio equipment dealer in
> Georgetown, KY (seller ID "radio-mart") has a "Boxed Mint Condition"
> FT-897D for sale on eBay, auction item 260395367882
>
> Current price is $325, 6 bids. Seller has set it up as a private
> auction so there's no way to tell whether that's two bidders or six.
> Auction ends Sunday, 26 April at 6 p.m. EDT.
>
> Might be a good opportunity for somebody looking to pick up an 897D.
>
> Lew K6LMP
>
>

25786. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 12:21:29 UTC
From: graham.astbury@theedge.ca
Topic: 25772 Message: 25786

Hello Mr. Moderator, this is now entirely off topic.

This is an FT-897
Forum, not a bash Ebay sellers forum. Issues on Ebay should be taken up
with Ebay.

VE8AA

Graham Astbury
Yellowknife, NT CANADA

----- Original Message -----
From: Jim C <liteways@...>
Date: Wednesday, April 22, 2009 6:15 am
Subject: Re: [FT897] "Mint" 897-D for sale on eBay

> Here are most disturbing examples .... It looks like if you are
> lucky
> and everything is ok it is fine, however, if there is a problem,
> he
> doesn't resolve it, but claims he does.
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> Sold in good conditions, the IC765 is good for the trashcan.
> Fraudulent
> seller.
> sonialsl <http://myworld.ebay.com/sonialsl> (49
> <http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=sonialsl>
> [Feedback score is 10 to 49])
> Dec-28-08 02:53
>
>
>
> *
> *Reply* by radio-mart (Dec-28-08 08:22):
> Full Refund including Shipping Offered, States it was
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> *Follow-up* by sonialsl (Dec-28-08 09:21):
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> Worsed mis-representation of condition I have experienced in the
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> 12 years !
> www.plug-in.to <http://myworld.ebay.com/www.plug-in.to> (1063
> <http://feedback.ebay.com/ws/eBayISAPI.dll?ViewFeedback&userid=www.plug-in.to>
> [Feedback score is 1,000 to 4,999])
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> > Lew K6LMP
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>

25787. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 12:44:35 UTC
From: Matt Patterson
Topic: 25772 Message: 25787

I don't think it's off topic at all. I appreciate people bringing it to my attention that this seller isn't honest. They are not bashing the seller and are only stating information that is freely available from ebay.

73 Matt
w5LL

On Wed, 2009-04-22 at 06:21 -0600, graham.astbury@... wrote:
>
>
> Hello Mr. Moderator, this is now entirely off topic.
>
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> ---------------------------
> Graham Astbury
> Yellowknife, NT CANADA
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> From: Jim C <liteways@...>
> Date: Wednesday, April 22, 2009 6:15 am
> Subject: Re: [FT897] "Mint" 897-D for sale on eBay
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>

25788. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 13:37:25 UTC
From: Jim C
Topic: 25772 Message: 25788

If you were reading this list and wanted to buy an ft897d, and someone mentioned this seller had one , you might want to know the sellers rep on settling disputes. Hopefully the buyers were astute enough to complain to EBay, but I think their coverage is only for about $300,

graham.astbury@... wrote:
>
>
> Hello Mr. Moderator, this is now entirely off topic.
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> with Ebay.
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> VE8AA
>
> ---------------------------
> Graham Astbury
> Yellowknife, NT CANADA
>
> ----- Original Message -----
> From: Jim C <liteways@... <mailto:liteways%40gmail.com>>
> Date: Wednesday, April 22, 2009 6:15 am
> Subject: Re: [FT897] "Mint" 897-D for sale on eBay
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>

25789. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 14:25:03 UTC
From: mack bolan
Topic: 25772 Message: 25789

Well at this point the priceis close to new so go buy from AES or Hamcity

--- On Wed, 4/22/09, Jim C <liteways@...> wrote:

From: Jim C <liteways@...>
Subject: Re: [FT897] "Mint" 897-D for sale on eBay
To: FT897@yahoogroups.com
Date: Wednesday, April 22, 2009, 8:37 AM

If you were reading this list and wanted to buy an ft897d, and someone

mentioned this seller had one , you might want to know the sellers rep

on settling disputes. Hopefully the buyers were astute enough to

complain to EBay, but I think their coverage is only for about $300,

graham.astbury@ theedge.ca wrote:

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>

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> with Ebay.

>

> VE8AA

>

> ------------ --------- ------

> Graham Astbury

> Yellowknife, NT CANADA

>

> ----- Original Message -----

> From: Jim C <liteways@gmail. com <mailto:liteways% 40gmail.com> >

> Date: Wednesday, April 22, 2009 6:15 am

> Subject: Re: [FT897] "Mint" 897-D for sale on eBay

>

> > Here are most disturbing examples .... It looks like if you are

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> > Sold in good conditions, the IC765 is good for the trashcan.

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> > sonialsl <http://myworld. ebay.com/ sonialsl

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> > > Lew K6LMP

> > >

> > >

> >

>

>

[Non-text portions of this message have been removed]

25790. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 15:14:22 UTC
From: Fred Neff
Topic: 25772 Message: 25790

Hello,
I for ONE... don't think that this off topic.... I think that it needs to stated for all to know.

I had two occasions of dealing with this Seller... and on each time.. the item was stated as near perfect etc. on and on with the high praise. And when I received them they were JUNK... one I got money returned after a long dialog with the seller. The second one.. he tried to say that it was the fault of UPS.... However there wasn't any external damages to be seen.... and UPS wouldn't pay anything... and I didn't blame them. I knew who was at fault !!

WARNING !! What that seller has to say is all lies !!

Fred
WE7M

Wed, 4/22/09, Matt Patterson <mattpatt@...> wrote:
From: Matt Patterson <mattpatt@...>
Subject: Re: [FT897] "Mint" 897-D for sale on eBay
To: FT897@yahoogroups.com
Date: Wednesday, April 22, 2009, 7:44 AM

I don't think it's off topic at all. I appreciate people bringing it to

my attention that this seller isn't honest. They are not bashing the

seller and are only stating information that is freely available from

ebay.

73 Matt

w5LL

On Wed, 2009-04-22 at 06:21 -0600, graham.astbury@ theedge.ca wrote:

>

>

> Hello Mr. Moderator, this is now entirely off topic.

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> Forum, not a bash Ebay sellers forum. Issues on Ebay should be taken

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> ------------ --------- ------

> Graham Astbury

> Yellowknife, NT CANADA

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> ----- Original Message -----

> From: Jim C <liteways@gmail. com>

> Date: Wednesday, April 22, 2009 6:15 am

> Subject: Re: [FT897] "Mint" 897-D for sale on eBay

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> > Here are most disturbing examples .... It looks like if you are

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> >

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>

>

[Non-text portions of this message have been removed]

25791. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 15:35:11 UTC
From: Joe
Topic: 25772 Message: 25791

I notice Radio-Mart also doesn't list past sales item numbers...all sales PRIVATE, which usually means they are hiding something....He doesn't want us to see what has been sold in the past and the comments that go with that sale.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Fred Neff" <we7m@...>
Subject: Re: [FT897] "Mint" 897-D for sale on eBay

Hello,
I for ONE... don't think that this off topic.... I think that it needs to stated for all to know.

25792. FT-897D for sale

Yahoo group: FT897 (2009)
Date: 2009-04-22 16:31:36 UTC
From: leandro sucet
Topic: 25792 Message: 25792

Hi.
For sale is a FT-897D S/N 4J400XXX in real good Condition.
In all this years the radio has been used for a few hours only due to i am a Truck Driver and i am never at home.

The unit always been used as base and never on mobile set up. The only thing that this unit has a a little scratch on the screen but dont affect the display in any way and it is hard to see, but i want to say and offer as much info as i can about it.

Everything is original, never modded, never opened.
When I purchased this radio from HRO I ordered the 2.3 SSB filter and the internal Power Supply FP-30 i think. They put Those item for me and once in my QTH everything was plug and play.

I sent this radio to Yaesu in California before the warranty expired for a check out and they realigned it and fixed something related with AM mode that it was a bug from factory. If i remember correctly they changed some diodes on the AM circuit.

The radio was trouble free before and after. Never had any problems with it.
If I SMOKE?
YES, outside, not inside the house and this radio is been used once awhile like i said before and you can be sure it is the truth.
I have to the LDG external meter that it will be included in the deal. The light in the meter went off but i never openned to fix it or replace it. aside of that everything else is working great. I am using a MD-100 Desk Mic that i will give it away in the deal.

it is a little dusty cause i dont touch it at all, I control the radio thru my log program and computer interface when i used it all this years.

Well, any other info about it you can email me to the folowing email address
lnaelis@msn.com

Regards Leandro AD5XL

25793. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 16:35:48 UTC
From: Harold Burton
Topic: 25772 Message: 25793

I'm 76 and have developed a habit of buying only brand new
stuff. I grew up during the so called Great Depression of the thirties and
got tired of hand me down things. In fact if I had had only female older
cousins I might've had to get used to
dresses or or at least very flowery shirts. Fortunately I had some male kin.
My point is that buying used on the net can
put you into some very dubious deals and one needs as much help as you can
get to avoid fraudulent sellers..

Harold
KD5SAK
----- Original Message -----
From: "Fred Neff" <we7m@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, April 22, 2009 10:14 AM
Subject: Re: [FT897] "Mint" 897-D for sale on eBay

Hello,
I for ONE... don't think that this off topic.... I think that it needs to
stated for all to know.

I had two occasions of dealing with this Seller... and on each time.. the
item was stated
as near perfect etc. on and on with the high praise. And when I received
them they were JUNK... one I got money returned after a long dialog with the
seller. The second one.. he tried to say that it was the fault of UPS....
However there wasn't any external damages to be seen.... and UPS wouldn't
pay anything... and I didn't blame them. I knew who was at fault !!

WARNING !! What that seller has to say is all lies !!

Fred
WE7M

25794. Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-22 17:56:56 UTC
From: N4CQR
Topic: 25792 Message: 25794

I recently discovered my 897D to start breaking the SQ. with a static crash type of noise. Similar to what would be heard when a thunderstorm
is near. Signal registers from silence to 10 over S9.

I get the same thing with or without an antenna connected. And on every band. AM is the worst but it also happens on FM. Especially 444.625mHz.

It has the FP 30 and I don not have a spare supply to power the radio.

Both the radio and FP 30 are in warranty. But I wanted to check here in case I missed something.

Same symptom when the rig is reset and I did do the relay cleaning step.

Craig

25795. Symptom of Blown Finals

Yahoo group: FT897 (2009)
Date: 2009-04-22 18:40:11 UTC
From: richardkd0gdv
Topic: 25795 Message: 25795

All, I'm fairly new to the group and also new to the rig.

What are symptoms of blown finals? I've made the mistake in the past of tuning the rig with my AT-100Pro and the radio on 100W. I got the "HSWR" reading in the rig and it seemed to roll back, but I'm curious about what the symptoms would be of blown finals. I don't have any diagnostic equipment at this point--only what's displayed in the radio and, from what I've read, that's notoriously suspect.

I seem to be getting out OK on HF and VHF. Depending on band and conditions, sig reports can be 5/9.

Thanks.

25796. Re: [FT897] Symptom of Blown Finals

Yahoo group: FT897 (2009)
Date: 2009-04-22 18:58:21 UTC
From: Jim C
Topic: 25795 Message: 25796

IF you are getting out , the finals aren't blown. The high swr shut
down circuit protected it.

richardkd0gdv wrote:
>
>
> All, I'm fairly new to the group and also new to the rig.
>
> What are symptoms of blown finals? I've made the mistake in the past
> of tuning the rig with my AT-100Pro and the radio on 100W. I got the
> "HSWR" reading in the rig and it seemed to roll back, but I'm curious
> about what the symptoms would be of blown finals. I don't have any
> diagnostic equipment at this point--only what's displayed in the radio
> and, from what I've read, that's notoriously suspect.
>
> I seem to be getting out OK on HF and VHF. Depending on band and
> conditions, sig reports can be 5/9.
>
> Thanks.
>
>

25797. Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-22 19:07:54 UTC
From: gefi_can
Topic: 25792 Message: 25797

Well, take your radio out on the fresh air...and plug it
up to the car 12 volt outlet... and listen... when this
statick sparking is still there... then some caps are
shortening...(inside in the radio...). You can use
a few meters of wire as an antenna.. Or you can listen
another trans. SW radio for similar noise...

George.

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
>
> I recently discovered my 897D to start breaking the SQ. with a static crash type of noise. Similar to what would be heard when a thunderstorm
> is near. Signal registers from silence to 10 over S9.
>
> I get the same thing with or without an antenna connected. And on every band. AM is the worst but it also happens on FM. Especially 444.625mHz.
>
> It has the FP 30 and I don not have a spare supply to power the radio.
>
> Both the radio and FP 30 are in warranty. But I wanted to check here in case I missed something.
>
> Same symptom when the rig is reset and I did do the relay cleaning step.
>
> Craig
>

25798. Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-22 19:08:01 UTC
From: gefi_can
Topic: 25792 Message: 25798

Well, take your radio out on the fresh air...and plug it
up to the car 12 volt outlet... and listen... when this
statick sparking is still there... then some caps are
shortening...(inside in the radio...). You can use
a few meters of wire as an antenna.. Or you can listen
another trans. SW radio for similar noise...

George.

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
>
> I recently discovered my 897D to start breaking the SQ. with a static crash type of noise. Similar to what would be heard when a thunderstorm
> is near. Signal registers from silence to 10 over S9.
>
> I get the same thing with or without an antenna connected. And on every band. AM is the worst but it also happens on FM. Especially 444.625mHz.
>
> It has the FP 30 and I don not have a spare supply to power the radio.
>
> Both the radio and FP 30 are in warranty. But I wanted to check here in case I missed something.
>
> Same symptom when the rig is reset and I did do the relay cleaning step.
>
> Craig
>

25799. RE: [FT897] Symptom of Blown Finals

Yahoo group: FT897 (2009)
Date: 2009-04-22 19:09:14 UTC
From: D. F.
Topic: 25795 Message: 25799

If you are getting good reports, most likely the problem is not your finals. You wouldn't HAVE a signal if finals were blown, especially on HF/SSB. Seems as if you have an SWR issue of some sort. Check ALL connections in the feed line, both at the rig AND at the antenna. Is the coax firmly in the pl-259's? Are they not tightly (hand tight) connected? Is the connection at the antenna water sealed? If those are fine, check the coax itself for cracks, kinks, loops, etc. I had a similar problem happen out of the blue, turns out the local squirrels ate, YES ATE, through the coax (shielding included) right in the middle where I had run through the trees. If you don't have one, it would be wise to get yourself an antenna tuner, manual preferably, as this would allow you to keep an eye on the SWR and allow you to attempt to tune the problem down, if possible. If you cannot get the SWR to come down to an acceptable level, my bet is either there is a problem with the coax and might need to be replaced altogether or there is a problem with connectors somehow. By the way, DO NOT USE crimp on connectors! They do not last long and I have had problems with them in the past.

Good Luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of richardkd0gdv
Sent: Wednesday, April 22, 2009 13:40
To: FT897@yahoogroups.com
Subject: [FT897] Symptom of Blown Finals

All, I'm fairly new to the group and also new to the rig.

What are symptoms of blown finals? I've made the mistake in the past of tuning the rig with my AT-100Pro and the radio on 100W. I got the "HSWR" reading in the rig and it seemed to roll back, but I'm curious about what the symptoms would be of blown finals. I don't have any diagnostic equipment at this point--only what's displayed in the radio and, from what I've read, that's notoriously suspect.

I seem to be getting out OK on HF and VHF. Depending on band and conditions, sig reports can be 5/9.

Thanks.

[Non-text portions of this message have been removed]

25800. Re: [FT897] Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-22 20:56:18 UTC
From: N4CQR
Topic: 25792 Message: 25800

Radio tested on 12V about 6 miles from the house. Same problem. Called Yaesu, we went through some stuff, same thing. Other radios in the house suffer no such symptom. (eton E1xm, Lowe 150, FT-990, FT-101 etc..)

As stated, radio is in warranty and will go back to Yaesu for service.

Thanks for the input.

Issue closed.

Regards,

Craig

> From: gefi_can <gefi_can@...>
> Subject: [FT897] Re: Static Crash-Type Noise On All Bands
> To: FT897@yahoogroups.com
> Date: Wednesday, April 22, 2009, 3:08 PM
> Well, take your radio out on the fresh air...and plug it
> up to the car 12 volt outlet... and listen... when this
> statick sparking is still there... then some caps are
> shortening...(inside in the radio...). You can use
> a few meters of wire as an antenna.. Or you can listen
> another trans. SW radio for similar noise...
>
> George.

25801. Re: [FT897] Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-22 21:36:04 UTC
From: robert donchez
Topic: 25792 Message: 25801

hi
had same issue- do search for 897 squelch mod- worked fine for me-
added a cap and unbelievable difference-if you can't find mod, email
me directly- like the squelch had breakthroughs for no reason at
all-- i have a copy of it somewhere but readily available on web
bob donchez
wb3hyb@...
On Apr 22, 2009, at 4:56 PM, N4CQR wrote:

>
> Radio tested on 12V about 6 miles from the house. Same problem.
> Called Yaesu, we went through some stuff, same thing. Other radios
> in the house suffer no such symptom. (eton E1xm, Lowe 150, FT-990,
> FT-101 etc..)
>
> As stated, radio is in warranty and will go back to Yaesu for service.
>
> Thanks for the input.
>
> Issue closed.
>
> Regards,
>
> Craig
>
> > From: gefi_can <gefi_can@...>
>> Subject: [FT897] Re: Static Crash-Type Noise On All Bands
>> To: FT897@yahoogroups.com
>> Date: Wednesday, April 22, 2009, 3:08 PM
>> Well, take your radio out on the fresh air...and plug it
>> up to the car 12 volt outlet... and listen... when this
>> statick sparking is still there... then some caps are
>> shortening...(inside in the radio...). You can use
>> a few meters of wire as an antenna.. Or you can listen
>> another trans. SW radio for similar noise...
>>
>> George.
>
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>
>
>
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> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

25802. Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-23 08:29:04 UTC
From: Jim
Topic: 25792 Message: 25802

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
>
> I recently discovered my 897D to start breaking the SQ. with a static crash type of noise. Similar to what would be heard when a thunderstorm
> is near. Signal registers from silence to 10 over S9.
>
A lot of the initial FP-30 power supplies had BAD BAD switching noise but the noise was there all the time and didn't crash like a thunderstorm.
A local power line could have a leaky gas discharge unit or a broken insulator. Static buildup on the power line gets radiated along the line and can be heard for a long distance. It starts off low in noise and then builds up to where the static discharges and the noise goes silent. after a few minutes it starts off softly again and builds up for a repeat performance. You can sniff it out using high frequency and short antenna .
Presumably the noise is not on your rig when the antenna is
disconnected.
Jim VE3DDY

25803. Re: [FT897] Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-23 12:21:15 UTC
From: Jim C
Topic: 25792 Message: 25803

Can you get it to do that by tapping on the radio or anything else to make it make that noise? There is a good article in the May QST magazine about repairing intermittent problems in a rig.

N4CQR wrote:
>
>
>
> I recently discovered my 897D to start breaking the SQ. with a static
> crash type of noise. Similar to what would be heard when a thunderstorm
> is near. Signal registers from silence to 10 over S9.
>
> I get the same thing with or without an antenna connected. And on
> every band. AM is the worst but it also happens on FM. Especially
> 444.625mHz.
>
> It has the FP 30 and I don not have a spare supply to power the radio.
>
> Both the radio and FP 30 are in warranty. But I wanted to check here
> in case I missed something.
>
> Same symptom when the rig is reset and I did do the relay cleaning step.
>
> Craig
>
>

25804. Re: Static Crash-Type Noise On All Bands

Yahoo group: FT897 (2009)
Date: 2009-04-23 12:25:59 UTC
From: Steve Yates
Topic: 25792 Message: 25804

Hi Bob,

Since the "fixed" squelch threshold can be adjusted via the service menu I wonder why you needed to do a hardware mod? My receiver was set a little loose on the squelch threshold and a little tweaking with a service menu setting fixed the problem. Maybe it was a different problem. Of course messing with the service menu is dangerous so you need to be careful.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, robert donchez <wb3hyb@...> wrote:
>
> hi
> had same issue- do search for 897 squelch mod- worked fine for me-
> added a cap and unbelievable difference-if you can't find mod, email
> me directly- like the squelch had breakthroughs for no reason at
> all-- i have a copy of it somewhere but readily available on web
> bob donchez
> wb3hyb@...
> On Apr 22, 2009, at 4:56 PM, N4CQR wrote:
>

25805. MODERATOR MESSAGE: EBay seller thread

Yahoo group: FT897 (2009)
Date: 2009-04-24 05:22:19 UTC
From: w4wb
Topic: 25805 Message: 25805

Folks,

Points have been made enough on this topic. Kindly end it now.

73 de Barry W4WB, Moderator

25806. Re: [FT897] "Mint" 897-D for sale on eBay

Yahoo group: FT897 (2009)
Date: 2009-04-22 17:35:22 UTC
From: AsTech Excavating and Trucking LLC
Topic: 25772 Message: 25806

I sure hope this thread doesn't go into the transgender topic.Oh boy, only in cyberspace.

Excellent point made Harold. When I first got into the hobby I would buy anything and from everywhere. Over the years I learned, buyer
beware

Now I only purchase Yaesu products and then usually from just one vendor.

I sure got burned alot as a newbie. I bought a 6 meter preamp offof the QTH.com site and when it arrived the unit was broke into pieces. I sent a eMail to the sellar and he replied"Will now you will have something to work on over the winter" Burned by anoher Ham.......unthinkable at the time.
Still got the preamp, still in pieces.

Good luck to everyone on your purchases.

Paul N8LGL

AsTech Excavating and Trucking LLC
Chillicothe,Ohio 45601-9722

astechexcavating(at)verizon(dot)net

----- Original Message -----
From: Harold Burton
To: FT897@yahoogroups.com
Sent: Wednesday, April 22, 2009 12:35 PM
Subject: Re: [FT897] "Mint" 897-D for sale on eBay

I'm 76 and have developed a habit of buying only brand new
stuff. I grew up during the so called Great Depression of the thirties and
got tired of hand me down things. In fact if I had had only female older
cousins I might've had to get used to
dresses or or at least very flowery shirts. Fortunately I had some male kin.
My point is that buying used on the net can
put you into some very dubious deals and one needs as much help as you can
get to avoid fraudulent sellers..

Harold
KD5SAK
----- Original Message -----
From: "Fred Neff" <we7m@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, April 22, 2009 10:14 AM
Subject: Re: [FT897] "Mint" 897-D for sale on eBay

Hello,
I for ONE... don't think that this off topic.... I think that it needs to

stated for all to know.

I had two occasions of dealing with this Seller... and on each time.. the item was stated
as near perfect etc. on and on with the high praise. And when I received them they were JUNK... one I got money returned after a long dialog with the seller. The second one.. he tried to say that it was the fault of UPS.... However there wasn't any external damages to be seen.... and UPS wouldn't pay anything... and I didn't blame them. I knew who was at fault !!

WARNING !! What that seller has to say is all lies !!

Fred
WE7M

[Non-text portions of this message have been removed]

25808. Re: G'day

Yahoo group: FT897 (2009)
Date: 2009-04-26 02:51:59 UTC
From: chuckn4ued
Topic: 23777 Message: 25808

--- In FT897@yahoogroups.com, "John Simon" <jrsimon@...> wrote:
>
> I've just rejoined the 897 group as I've started to have a problems with my
> FT-897d's hearing. It isn't as good as the FT-817 with the same antenna
> for some reason so if anyone has any ideas I'd like to hear them. I've just
> downloaded the a file or two from the Files area but not read them yet.
> Many thanks in advance.
>
> John de VK2XGJ
> Stop worrying about Life
> You'll never get out of it alive
>
HELLO,IM CHUCK N4UED.
I BUILD DOUBLE EXTENED ZEPPS AND FEED THEM WITH 300ohm 18GA LADDERLINE.
I HAVE GREAT SUCCESS WITH THE 20M ONE THAT IS ONLY AN 85FT FLAT TOP.
IT WORKS GREAT ON 40-10M

25809. Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-26 03:28:35 UTC
From: dogdavetika
Topic: 25219 Message: 25809

I have built a 6M C-Pole antenna and raised it up to about 40' for the Spring. Using my Telewave Power meter vs. the "ticks" on the 897,(and the article referencing the tick marks vs swr), (with the AT-897 off but inline) I get somewhat different readings on swr. The Telewave shows the swr to be better higher in frequency than the 897 by about 250KHz. Not a big deal but I wonder what is going on here. Perhaps the 897 is not looking at 50 Ohms, I assume the Telewave is matched at 50 Ohms. It seems to be when I put a good quality dummy load on it, and with the 897 the good dummy load shows a "tick" mark of 1 (this can probably be attributed to the AT-897 being in line). The Telewave also shows lower and higher swr than the 897.

Bypassing the AT-897 altogether and coming right out of the 897, a quality 50 ohm load shows no swr reading on the 897, and about 1W reflected on the Telewave (1.33:1). Paralleling 2 quality 50 ohm loads (which should be 25 ohms or 2:1) shows 2.8 marks on the 897 and 15W reflected on the Telewave which according to the article means 1.5:1 and 3.4:1 using the fwd and ref equation. Nothing is getting very precise here.

I haven't tried measuring the swr with the Telewave straight out of the 897 without using the AT-897 yet. That may be next.

It is not a big issue, but being somewhat anal, I wonder what is going on. This always happens to me. It may be the 10% variation that I am seeing.

Haven't made any contacts with the 6M c-pole yet, but I just got it up today.

Dave
N3DT

25810. RE: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 02:18:28 UTC
From: Michael Walker (VA3MW)
Topic: 25219 Message: 25810

Hi Dave

SWR is not the same every place on the cable (for the most part).

If you were to sample your swr every foot, you would get a different reading.

We had to do this in school at 120mhz measuring every ¼ wavelength.

I would NOT depend on the SWR meter in the radio, but I would trust a Bird watt meter or your Telewave assuming it has been calibrated at some point.

Short story, if you go looking for trouble, you□ll find it! ;)

Now, just get on the air with it!

Mike VA3MW

From: dogdavetika [mailto:dogdavetika@...]
Sent: Saturday, April 25, 2009 11:29 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: SWR Meter on the 897

I have built a 6M C-Pole antenna and raised it up to about 40' for the Spring. Using my Telewave Power meter vs. the "ticks" on the 897,(and the article referencing the tick marks vs swr), (with the AT-897 off but inline) I get somewhat different readings on swr. The Telewave shows the swr to be better higher in frequency than the 897 by about 250KHz. Not a big deal but I wonder what is going on here. Perhaps the 897 is not looking at 50 Ohms, I assume the Telewave is matched at 50 Ohms. It seems to be when I put a good quality dummy load on it, and with the 897 the good dummy load shows a "tick" mark of 1 (this can probably be attributed to the AT-897 being in line). The Telewave also shows lower and higher swr than the 897.

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It is not a big issue, but being somewhat anal, I wonder what is going on. This always happens to me. It may be the 10% variation that I am seeing.

Haven't made any contacts with the 6M c-pole yet, but I just got it up today.

Dave
N3DT

[Non-text portions of this message have been removed]

25811. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 11:46:40 UTC
From: Jim C
Topic: 25219 Message: 25811

Amplitude of the standing wave will vary like a cosine wave (Or sine wave) however, the standing wave ratio, the maximum standing wave divided by the minimum standing wave that you measured, will be the same any where it is measured by an SWR meter which measures the forward power and the reflected power and computes the ratio of the max divided by the minimum standing wave.

http://en.wikipedia.org/wiki/Standing_wave_ratio

Michael Walker (VA3MW) wrote:
>
>
> Hi Dave
>
> SWR is not the same every place on the cable (for the most part).
>
> If you were to sample your swr every foot, you would get a different
> reading.
>
> We had to do this in school at 120mhz measuring every ? wavelength.
>
> I would NOT depend on the SWR meter in the radio, but I would trust a Bird
> watt meter or your Telewave assuming it has been calibrated at some point.
>
> Short story, if you go looking for trouble, you?ll find it! ;)
>
> Now, just get on the air with it!
>
> Mike VA3MW
>
> From: dogdavetika [mailto:dogdavetika@...
> <mailto:dogdavetika%40yahoo.com>]
> Sent: Saturday, April 25, 2009 11:29 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: SWR Meter on the 897
>
> I have built a 6M C-Pole antenna and raised it up to about 40' for the
> Spring. Using my Telewave Power meter vs. the "ticks" on the 897,(and the
> article referencing the tick marks vs swr), (with the AT-897 off but
> inline)
> I get somewhat different readings on swr. The Telewave shows the swr to be
> better higher in frequency than the 897 by about 250KHz. Not a big
> deal but
> I wonder what is going on here. Perhaps the 897 is not looking at 50
> Ohms, I

> assume the Telewave is matched at 50 Ohms. It seems to be when I put a
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> quality dummy load on it, and with the 897 the good dummy load shows a
> "tick" mark of 1 (this can probably be attributed to the AT-897 being in
> line). The Telewave also shows lower and higher swr than the 897.
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> Bypassing the AT-897 altogether and coming right out of the 897, a quality
> 50 ohm load shows no swr reading on the 897, and about 1W reflected on the
> Telewave (1.33:1). Paralleling 2 quality 50 ohm loads (which should be 25
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> I haven't tried measuring the swr with the Telewave straight out of
> the 897
> without using the AT-897 yet. That may be next.
>
> It is not a big issue, but being somewhat anal, I wonder what is going on.
> This always happens to me. It may be the 10% variation that I am seeing.
>
> Haven't made any contacts with the 6M c-pole yet, but I just got it up
> today.
>
> Dave
> N3DT
>
> [Non-text portions of this message have been removed]
>
>

25812. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 13:00:10 UTC
From: af2c@njdxa.org
Topic: 25219 Message: 25812

Of course this presumes a perfect section of cable...Which in reality does not exist.

73,
Jay/AF2C

At 07:46 AM 4/27/2009 -0400, you wrote:
>Amplitude of the standing wave will vary like a cosine wave (Or sine
>wave) however, the standing wave ratio, the maximum standing wave
>divided by the minimum standing wave that you measured, will be the same
>any where it is measured by an SWR meter which measures the forward
>power and the reflected power and computes the ratio of the max divided
>by the minimum standing wave.
>
>http://en.wikipedia.org/wiki/Standing_wave_ratio
>
>
>
>Michael Walker (VA3MW) wrote:
> >
> >
> > Hi Dave
> >
> > SWR is not the same every place on the cable (for the most part).
> >
> > If you were to sample your swr every foot, you would get a different
> > reading.
> >
> > We had to do this in school at 120mhz measuring every ¼ wavelength.
> >
> > I would NOT depend on the SWR meter in the radio, but I would trust a Bird
> > watt meter or your Telewave assuming it has been calibrated at some point.
> >
> > Short story, if you go looking for trouble, you□ll find it! ;)
> >
> > Now, just get on the air with it!
> >
> > Mike VA3MW
> >
> > From: dogdavetika [mailto:dogdavetika@...
> > <mailto:dogdavetika%40yahoo.com>]
> > Sent: Saturday, April 25, 2009 11:29 PM
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: SWR Meter on the 897
> >

> > I have built a 6M C-Pole antenna and raised it up to about 40' for the
> > Spring. Using my Telewave Power meter vs. the "ticks" on the 897,(and the
> > article referencing the tick marks vs swr), (with the AT-897 off but
> > inline)
> > I get somewhat different readings on swr. The Telewave shows the swr to be
> > better higher in frequency than the 897 by about 250KHz. Not a big
> > deal but
> > I wonder what is going on here. Perhaps the 897 is not looking at 50
> > Ohms, I
> > assume the Telewave is matched at 50 Ohms. It seems to be when I put a
> > good
> > quality dummy load on it, and with the 897 the good dummy load shows a
> > "tick" mark of 1 (this can probably be attributed to the AT-897 being in
> > line). The Telewave also shows lower and higher swr than the 897.
> >
> > Bypassing the AT-897 altogether and coming right out of the 897, a quality
> > 50 ohm load shows no swr reading on the 897, and about 1W reflected on the
> > Telewave (1.33:1). Paralleling 2 quality 50 ohm loads (which should be 25
> > ohms or 2:1) shows 2.8 marks on the 897 and 15W reflected on the Telewave
> > which according to the article means 1.5:1 and 3.4:1 using the fwd and ref
> > equation. Nothing is getting very precise here.
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> > I haven't tried measuring the swr with the Telewave straight out of
> > the 897
> > without using the AT-897 yet. That may be next.
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> > It is not a big issue, but being somewhat anal, I wonder what is going on.
> > This always happens to me. It may be the 10% variation that I am seeing.
> >
> > Haven't made any contacts with the 6M c-pole yet, but I just got it up
> > today.
> >
> > Dave
> > N3DT

25813. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 13:16:34 UTC
From: Richard Corfield
Topic: 25219 Message: 25813

It is something I'm trying to understand. Maybe I'll have to re-read the books on it.

Impedance changes as you move down the cable because at each given point the current and voltage in the standing wave will be different. I assume that at no point it would be 50 ohms resistive because if it is so then it will be so along the whole cable. Even at points where it looks like 50 ohms there'd be a reactive component due to the mismatch.

Still, quarter wave segments were meant to be good for transforming impedances. The formula given was Zin^2 + Zout^2 = 50^2 for 50 ohm cable which is how an open circuit radial or a stub filter (Zout = infinite) can appear to have Zin=0 at the quarter wave frequency. I wonder if there's a complex version of that formula for dealing with complex impedance (or even if as given it works for complex impedance) and what the formula is for lengths other than a quarter wave.

- Richard M0RJC

[Non-text portions of this message have been removed]

25814. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 13:50:56 UTC
From: af2c@njdxa.org
Topic: 25219 Message: 25814

Richard -

Scientists, Engineers etc. always presume ideal situations. How often have you heard phrases like; "Ignoring Friction", "ignoring Gravity", "Ignoring Resistance" and in the case of cable, "Ignoring impedance lumps"?

Like the proverbial "Isotropic Radiator" the allusive perfect cable does not exist due to impurities, conductor diameter variations, dielectric variations etc. However, there is an old saying when it comes to using the cable..."Close enough for Government work." Accept the minor variations and "Don't sweat the small stuff."

73,
Jay/AF2C

At 02:16 PM 4/27/2009 +0100, you wrote:

>It is something I'm trying to understand. Maybe I'll have to re-read the
>books on it.
>
>Impedance changes as you move down the cable because at each given point the
>current and voltage in the standing wave will be different. I assume that at
>no point it would be 50 ohms resistive because if it is so then it will be
>so along the whole cable. Even at points where it looks like 50 ohms there'd
>be a reactive component due to the mismatch.
>
>Still, quarter wave segments were meant to be good for transforming
>impedances. The formula given was Zin^2 + Zout^2 = 50^2 for 50 ohm cable
>which is how an open circuit radial or a stub filter (Zout = infinite) can
>appear to have Zin=0 at the quarter wave frequency. I wonder if there's a
>complex version of that formula for dealing with complex impedance (or even
>if as given it works for complex impedance) and what the formula is for
>lengths other than a quarter wave.
>
>- Richard M0RJC

25815. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 14:00:03 UTC
From: Richard Corfield
Topic: 25219 Message: 25815

The use of the formula, with a little allowance for starting too long and cutting small lengths of cable off until it works, could be good for deliberate transforming of impedances. Still, ideal is often close enough in these situations. The effect of nearby objects on antenna I think is the big exception.

It's also interesting to try to understand what's going on.

- Richard M0RJC

2009/4/27 <af2c@...>

>
>
> Richard -
>
> Scientists, Engineers etc. always presume ideal situations. How often have
> you heard phrases like; "Ignoring Friction", "ignoring Gravity", "Ignoring
> Resistance" and in the case of cable, "Ignoring impedance lumps"?
>
> Like the proverbial "Isotropic Radiator" the allusive perfect cable does
> not exist due to impurities, conductor diameter variations, dielectric
> variations etc. However, there is an old saying when it comes to using the
> cable..."Close enough for Government work." Accept the minor variations
> and "Don't sweat the small stuff."
>
> 73,
> Jay/AF2C
>
>
> At 02:16 PM 4/27/2009 +0100, you wrote:
>
> >It is something I'm trying to understand. Maybe I'll have to re-read the
> >books on it.
> >
> >Impedance changes as you move down the cable because at each given point
> the
> >current and voltage in the standing wave will be different. I assume that
> at
> >no point it would be 50 ohms resistive because if it is so then it will be
> >so along the whole cable. Even at points where it looks like 50 ohms
> there'd
> >be a reactive component due to the mismatch.
> >
> >Still, quarter wave segments were meant to be good for transforming
> >impedances. The formula given was Zin^2 + Zout^2 = 50^2 for 50 ohm cable

> >which is how an open circuit radial or a stub filter (Zout = infinite) can
> >appear to have Zin=0 at the quarter wave frequency. I wonder if there's a
> >complex version of that formula for dealing with complex impedance (or
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> >if as given it works for complex impedance) and what the formula is for
> >lengths other than a quarter wave.
> >
> >- Richard M0RJC
>
>
>

[Non-text portions of this message have been removed]

25816. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 15:34:38 UTC
From: Kerryguy7
Topic: 25219 Message: 25816

Hello Richard!
I too have been very interested in learning more about SWR and all of the "mysteries" contained therin, as they say!
You might have done this already, but if not try entering "understanding SWR" in any on-line search engine and you will be surprised by the amount of good educational items it will return!
Here's a good one that I found very helpful:
http://www.arrl.org/tis/info/pdf/q1106037.pdf
Take care!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: "af2c@..." <af2c@...>
To: FT897@yahoogroups.com
Sent: Monday, April 27, 2009 9:50:56 AM
Subject: Re: [FT897] Re: SWR Meter on the 897

Richard -

Scientists, Engineers etc. always presume ideal situations. How often have you heard phrases like; "Ignoring Friction", "ignoring Gravity", "Ignoring Resistance" and in the case of cable, "Ignoring impedance lumps"?

Like the proverbial "Isotropic Radiator" the allusive perfect cable does not exist due to impurities, conductor diameter variations, dielectric variations etc. However, there is an old saying when it comes to using the cable..."Close enough for Government work." Accept the minor variations and "Don't sweat the small stuff."

73,
Jay/AF2C

At 02:16 PM 4/27/2009 +0100, you wrote:

>It is something I'm trying to understand. Maybe I'll have to re-read the
>books on it.
>
>Impedance changes as you move down the cable because at each given point the
>current and voltage in the standing wave will be different. I assume that at
>no point it would be 50 ohms resistive because if it is so then it will be
>so along the whole cable. Even at points where it looks like 50 ohms there'd

>be a reactive component due to the mismatch.
>
>Still, quarter wave segments were meant to be good for transforming
>impedances. The formula given was Zin^2 + Zout^2 = 50^2 for 50 ohm cable
>which is how an open circuit radial or a stub filter (Zout = infinite) can
>appear to have Zin=0 at the quarter wave frequency. I wonder if there's a
>complex version of that formula for dealing with complex impedance (or even
>if as given it works for complex impedance) and what the formula is for
>lengths other than a quarter wave.
>
>- Richard M0RJC

[Non-text portions of this message have been removed]

25817. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 16:07:08 UTC
From: Jim C
Topic: 25219 Message: 25817

No it does not depend on a perfect cable unless you have a really really bad piece of transmission line, and in that case you should get rid of it. Standing wave ratio is the ratio of the maximum amplitude to the minimum amplitude of the standing wave. On an open wire, it is easier to measure with external instruments and of course the amplitude of the standing wave will vary along the cable and the SWR will be the maximum you measure divided by the minimum amplitude you measure.

af2c@... wrote:
>
>
> Of course this presumes a perfect section of cable...Which in reality
> does
> not exist.
>
> 73,
> Jay/AF2C
>
> At 07:46 AM 4/27/2009 -0400, you wrote:
> >Amplitude of the standing wave will vary like a cosine wave (Or sine
> >wave) however, the standing wave ratio, the maximum standing wave
> >divided by the minimum standing wave that you measured, will be the same
> >any where it is measured by an SWR meter which measures the forward
> >power and the reflected power and computes the ratio of the max divided
> >by the minimum standing wave.
> >
> >http://en.wikipedia.org/wiki/Standing_wave_ratio
> <http://en.wikipedia.org/wiki/Standing_wave_ratio>
> >
> >
> >
> >Michael Walker (VA3MW) wrote:
> > > >
> > > >
> > > > Hi Dave
> > > >
> > > > SWR is not the same every place on the cable (for the most part).
> > > >
> > > > If you were to sample your swr every foot, you would get a different
> > > > reading.
> > > >
> > > > We had to do this in school at 120mhz measuring every ? wavelength.
> > > >
> > > > I would NOT depend on the SWR meter in the radio, but I would
> trust a Bird

> > > watt meter or your Telewave assuming it has been calibrated at
> some point.
> > >
> > > Short story, if you go looking for trouble, you?ll find it! ;)
> > >
> > > Now, just get on the air with it!
> > >
> > > Mike VA3MW
> > >
> > > From: dogdavetika [mailto:dogdavetika@...
> <mailto:dogdavetika%40yahoo.com>
> > > <mailto:dogdavetika%40yahoo.com>]
> > > Sent: Saturday, April 25, 2009 11:29 PM
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > > Subject: [FT897] Re: SWR Meter on the 897
> > >
> > > I have built a 6M C-Pole antenna and raised it up to about 40' for the
> > > Spring. Using my Telewave Power meter vs. the "ticks" on the
> 897,(and the
> > > article referencing the tick marks vs swr), (with the AT-897 off but
> > > inline)
> > > I get somewhat different readings on swr. The Telewave shows the
> swr to be
> > > better higher in frequency than the 897 by about 250KHz. Not a big
> > > deal but
> > > I wonder what is going on here. Perhaps the 897 is not looking at 50
> > > Ohms, I
> > > assume the Telewave is matched at 50 Ohms. It seems to be when I put a
> > > good
> > > quality dummy load on it, and with the 897 the good dummy load shows a
> > > "tick" mark of 1 (this can probably be attributed to the AT-897
> being in
> > > line). The Telewave also shows lower and higher swr than the 897.
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> > > Bypassing the AT-897 altogether and coming right out of the 897, a
> quality
> > > 50 ohm load shows no swr reading on the 897, and about 1W
> reflected on the
> > > Telewave (1.33:1). Paralleling 2 quality 50 ohm loads (which
> should be 25
> > > ohms or 2:1) shows 2.8 marks on the 897 and 15W reflected on the
> Telewave
> > > which according to the article means 1.5:1 and 3.4:1 using the fwd
> and ref
> > > equation. Nothing is getting very precise here.
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> > > I haven't tried measuring the swr with the Telewave straight out of
> > > the 897
> > > without using the AT-897 yet. That may be next.

> > >
> > > It is not a big issue, but being somewhat anal, I wonder what is
> going on.
> > > This always happens to me. It may be the 10% variation that I am
> seeing.
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> > > Haven't made any contacts with the 6M c-pole yet, but I just got it up
> > > today.
> > >
> > > Dave
> > > N3DT
>
>

25818. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 16:57:43 UTC
From: af2c@njdxa.org
Topic: 25219 Message: 25818

Richard -

Recommended Reading:

"Reflections II", M. Walter Maxwell, W2DU...The classic book relative to Transmission Lines and Antennas. All your questions will be answered.

73,
Jay/AF2C

At 03:00 PM 4/27/2009 +0100, you wrote:

>The use of the formula, with a little allowance for starting too long and
>cutting small lengths of cable off until it works, could be good for
>deliberate transforming of impedances. Still, ideal is often close enough in
>these situations. The effect of nearby objects on antenna I think is the big
>exception.
>
>It's also interesting to try to understand what's going on.
>
>- Richard M0RJC
>
>2009/4/27 <<mailto:af2c%40njdxa.org>af2c@...>
>
> >
> >
> > Richard -
> >
> > Scientists, Engineers etc. always presume ideal situations. How often have
> > you heard phrases like; "Ignoring Friction", "ignoring Gravity", "Ignoring
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> > Like the proverbial "Isotropic Radiator" the allusive perfect cable does
> > not exist due to impurities, conductor diameter variations, dielectric
> > variations etc. However, there is an old saying when it comes to using the
> > cable..."Close enough for Government work." Accept the minor variations
> > and "Don't sweat the small stuff."
> >
> > 73,
> > Jay/AF2C
> >
> >
> > At 02:16 PM 4/27/2009 +0100, you wrote:
> >
> > >It is something I'm trying to understand. Maybe I'll have to re-read the
> > > >books on it.

> > >
> > >Impedance changes as you move down the cable because at each given point
> > the
> > >current and voltage in the standing wave will be different. I assume that
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> > >no point it would be 50 ohms resistive because if it is so then it will be
> > >so along the whole cable. Even at points where it looks like 50 ohms
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> > >Still, quarter wave segments were meant to be good for transforming
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> > >complex version of that formula for dealing with complex impedance (or
> > even
> > >if as given it works for complex impedance) and what the formula is for
> > >lengths other than a quarter wave.
> > >
> > >- Richard M0RJC
> >

[Non-text portions of this message have been removed]

25819. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 17:02:10 UTC
From: af2c@njdxa.org
Topic: 25219 Message: 25819

Personally I have a vat of liquid nitrogen and prefer to use
super-conductors for my antenna systems. Of course my measuring
instruments are perfect and there is no room for error.

73,
Jay/AF2C

At 12:07 PM 4/27/2009 -0400, you wrote:
>No it does not depend on a perfect cable unless you have a really really
>bad piece of transmission line, and in that case you should get rid of
>it. Standing wave ratio is the ratio of the maximum amplitude to the
>minimum amplitude of the standing wave. On an open wire, it is easier to
>measure with external instruments and of course the amplitude of the
>standing wave will vary along the cable and the SWR will be the maximum
>you measure divided by the minimum amplitude you measure.
>
>af2c@... wrote:
> >
> >
> > Of course this presumes a perfect section of cable...Which in reality
> > does
> > not exist.
> >
> > 73,
> > Jay/AF2C
> >
> > At 07:46 AM 4/27/2009 -0400, you wrote:
> > >Amplitude of the standing wave will vary like a cosine wave (Or sine
> > >wave) however, the standing wave ratio, the maximum standing wave
> > >divided by the minimum standing wave that you measured, will be the same
> > >any where it is measured by an SWR meter which measures the forward
> > >power and the reflected power and computes the ratio of the max divided
> > >by the minimum standing wave.
> > >
> > >http://en.wikipedia.org/wiki/Standing_wave_ratio
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> > >
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> > >
> > >Michael Walker (VA3MW) wrote:
> > >
> > >
> > > Hi Dave
> > >
> > > SWR is not the same every place on the cable (for the most part).

> > > >
> > > > If you were to sample your swr every foot, you would get a different
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> > > >
> > > > We had to do this in school at 120mhz measuring every ¼ wavelength.
> > > >
> > > > I would NOT depend on the SWR meter in the radio, but I would
> > trust a Bird
> > > > watt meter or your Telewave assuming it has been calibrated at
> > some point.
> > > >
> > > > Short story, if you go looking for trouble, you□ll find it! ;)
> > > >
> > > > Now, just get on the air with it!
> > > >
> > > > Mike VA3MW
> > > >
> > > > From: dogdavetika [mailto:dogdavetika@...
> > <mailto:dogdavetika%40yahoo.com>
> > > > <mailto:dogdavetika%40yahoo.com>]
> > > > Sent: Saturday, April 25, 2009 11:29 PM
> > > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com>
> > > > Subject: [FT897] Re: SWR Meter on the 897
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> > > > article referencing the tick marks vs swr), (with the AT-897 off but
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> > > > better higher in frequency than the 897 by about 250KHz. Not a big
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> > > > I wonder what is going on here. Perhaps the 897 is not looking at 50
> > > > Ohms, I
> > > > assume the Telewave is matched at 50 Ohms. It seems to be when I put a
> > > > good
> > > > quality dummy load on it, and with the 897 the good dummy load shows a
> > > > "tick" mark of 1 (this can probably be attributed to the AT-897
> > being in
> > > > line). The Telewave also shows lower and higher swr than the 897.
> > > >
> > > > Bypassing the AT-897 altogether and coming right out of the 897, a
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> > > > 50 ohm load shows no swr reading on the 897, and about 1W
> > reflected on the
> > > > Telewave (1.33:1). Paralleling 2 quality 50 ohm loads (which
> > should be 25

> > > > ohms or 2:1) shows 2.8 marks on the 897 and 15W reflected on the
> > Telewave
> > > > which according to the article means 1.5:1 and 3.4:1 using the fwd
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> > > > equation. Nothing is getting very precise here.
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> > > > the 897
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> > > > Haven't made any contacts with the 6M c-pole yet, but I just got it up
> > > > today.
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> > > > Dave
> > > > N3DT
> > >
> > >
>
>
>----------
>
>Yahoo! Groups Links
>
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.5.287 / Virus Database: 270.12.4/2082 - Release Date: 04/27/09
>06:19:00

25820. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 18:58:54 UTC
From: Randy Charles Ford
Topic: 25219 Message: 25820

I guess it depends on what you think is "really really bad." The farther you go down the cable away from the transmitter, the lower the forward power will be due to attenuation in the cable. The closer you go to the transmitter, the lower the reflected power will be, again depending on the amount of attenuation in the cable. (Yes, I'm assuming a "good" cable, or even a "perfect" one, meaning the cable has [near] consistant impedance along its length at the given frequency, where the mismatch is at the antenna.)

So, the closer to the transmitter you measure the SWR, the lower it will be. A long enough "good" cable will attenuate essentially all reflected power, giving a SWR of 1:1, regardless of the mismatch at the antenna. Of course, the higher the frequency, the greater the attenuation will be in the cable, so the more the SWR will be lowered on a given length.

73,
kg4jix randy.

On Monday 27 April 2009 11:07:08 Jim C wrote:
> No it does not depend on a perfect cable unless you have a really really
> bad piece of transmission line, and in that case you should get rid of
> it. Standing wave ratio is the ratio of the maximum amplitude to the
> minimum amplitude of the standing wave. On an open wire, it is easier to
> measure with external instruments and of course the amplitude of the
> standing wave will vary along the cable and the SWR will be the maximum
> you measure divided by the minimum amplitude you measure.
>

25821. RE: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 19:28:04 UTC
From: Michael Walker (VA3MW)
Topic: 25219 Message: 25821

The 'better way' to measure SWR is to:

a) Ensure your coax is good. Measure the power into it with a dummy load at the other end and then measure the power out at the dummy load end. Compare what you get with the specs of the cable. Most (and this is very general) is that at 100mhz you will loose 3db for a 9913 or RG8 type of cable. You don't see that, then throw it away. Coax does get worse with age.

b) Take the time to understand the math on how dB works. It isn't hard and incredibly simple once you figure it out. Every 3db (+ or -) is either double or half. Go another 3db and you get to double or half it again (2x2=4). Go another 3db (to 9db) and you are now 2 x 2 x 2 or 8 times (either gain or loss depending on which way you were headed). Then you get to 10. Ten is 10 times loss or gain.

Test question (no need to blab the answer if you know it). How many times gain is +13db. You should be able to do this in your head. (all the above assuming power readings--please don't confuse every one with voltage readings at the moment).

c) Measure the antenna SWR at the antenna end. This will give you the most accurate reading of SWR. (notice the period)

d) SWR readings are over rated - Make sure you read 'Reflections'.

I never ever get excited until it starts to get well over 2:1.

The big question is why do you need a tuner anyway? (oh, that wasn't the question). Just fix the antenna to resonate correctly. Much less loss over all.

(flame suite on)

Mike VA3MW

-----Original Message-----
From: Randy Charles Ford [mailto:kg4jix@...]
Sent: Monday, April 27, 2009 2:59 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: SWR Meter on the 897

I guess it depends on what you think is "really really bad." The farther you
go down the cable away from the transmitter, the lower the forward power will
be due to attenuation in the cable. The closer you go to the transmitter,
the lower the reflected power will be, again depending on the amount of

attenuation in the cable. (Yes, I'm assuming a "good" cable, or even
a "perfect" one, meaning the cable has [near] consistant impedance along its

length at the given frequency, where the mismatch is at the antenna.)

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On Monday 27 April 2009 11:07:08 Jim C wrote:
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> bad piece of transmission line, and in that case you should get rid of
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> measure with external instruments and of course the amplitude of the
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>

Yahoo! Groups Links

25822. FT-897D CAT commands for Ham radio Deluxe

Yahoo group: FT897 (2009)
Date: 2009-04-27 19:52:14 UTC
From: oceanbiz01
Topic: 25822 Message: 25822

I have HRD running with the 897D. I notice that the standard download of HRD displays some buttons and slider bars for some of the Menu items in the radio. But there are radio features that are not available in HRD. Someone on the HRD forum suggested that I look at the CAT commands in the 897D manual and then put the missing commands into HRD. However, it seems that the CAT command list in the manual is very limited. For example: There is no CAT command for VFO A=B. Also, there is no CAT commandfor CW 60, 120, 240 Hz. Also, I do not see CAT commands for the HRD slider bars such as VOX Gain, Mic Gain, PWR out put etc. The HRD screen has slider bars for these functions and they work fine, but I would like to see a complete list of CAT commands for the radio so that I can add to HRD those features that I would like to have available in HRD.

Can anyone here help? is there an expanded CAT command list available?

Dan K3ZXL

25823. RE: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 20:03:01 UTC
From: af2c@njdxa.org
Topic: 25219 Message: 25823

"Reflections" should be near the top of your list. ;-)
W6SAI's "HF antenna Handbook" is also a great book for one's library.

73,
Jay/AF2C

At 03:28 PM 4/27/2009 -0400, you wrote:

>The 'better way' to measure SWR is to:
>
>a) Ensure your coax is good. Measure the power into it with a dummy load
>at the other end and then measure the power out at the dummy load end.
>Compare what you get with the specs of the cable. Most (and this is very
>general) is that at 100mhz you will loose 3db for a 9913 or RG8 type of
>cable. You don't see that, then throw it away. Coax does get worse with
>age.
>
>b) Take the time to understand the math on how dB works. It isn't hard and
>incredibly simple once you figure it out. Every 3db (+ or -) is either
>double or half. Go another 3db and you get to double or half it again
>(2x2=4). Go another 3db (to 9db) and you are now 2 x 2 x 2 or 8 times
>(either gain or loss depending on which way you were headed). Then you get
>to 10. Ten is 10 times loss or gain.
>
>Test question (no need to blab the answer if you know it). How many times
>gain is +13db. You should be able to do this in your head. (all the above
>assuming power readings--please don't confuse every one with voltage
>readings at the moment).
>
>c) Measure the antenna SWR at the antenna end. This will give you the most
>accurate reading of SWR. (notice the period)
>
>d) SWR readings are over rated - Make sure you read 'Reflections'.
>
>I never ever get excited until it starts to get well over 2:1.
>
>The big question is why do you need a tuner anyway? (oh, that wasn't the
>question). Just fix the antenna to resonate correctly. Much less loss over
>all.
>
>(flame suite on)
>
>Mike VA3MW
>
>-----Original Message-----
>From: Randy Charles Ford [mailto:kg4jix@...]

>Sent: Monday, April 27, 2009 2:59 PM
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Subject: Re: [FT897] Re: SWR Meter on the 897
>
>I guess it depends on what you think is "really really bad." The farther
>you
>go down the cable away from the transmitter, the lower the forward power
>will
>be due to attenuation in the cable. The closer you go to the transmitter,
>the lower the reflected power will be, again depending on the amount of
>attenuation in the cable. (Yes, I'm assuming a "good" cable, or even
>a "perfect" one, meaning the cable has [near] consistant impedance along its
>
>length at the given frequency, where the mismatch is at the antenna.)
>
>So, the closer to the transmitter you measure the SWR, the lower it will be.
>
>A long enough "good" cable will attenuate essentially all reflected power,
>giving a SWR of 1:1, regardless of the mismatch at the antenna. Of course,
>the higher the frequency, the greater the attenuation will be in the cable,
>so the more the SWR will be lowered on a given length.
>
>73,
>kg4jix randy.
>
>On Monday 27 April 2009 11:07:08 Jim C wrote:
> > No it does not depend on a perfect cable unless you have a really really
> > bad piece of transmission line, and in that case you should get rid of
> > it. Standing wave ratio is the ratio of the maximum amplitude to the
> > minimum amplitude of the standing wave. On an open wire, it is easier to
> > measure with external instruments and of course the amplitude of the
> > standing wave will vary along the cable and the SWR will be the maximum
> > you measure divided by the minimum amplitude you measure.
> >
>
>-

[Non-text portions of this message have been removed]

25824. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-27 21:12:01 UTC
From: P Grant
Topic: 25219 Message: 25824

Hello Randy , and All.

I'm always ready to be educated,,, so I am following this thread earnestly..,,,,,,
Randy,,, can you clarify the math on this final statement ???
"" A long enough "good" cable will attenuate ,,,,,
essentially all the reflected power, ,,,
giving a SWR, of 1:1, regardless of the mismatch ,,,,,,
at the antenna"" ,,,,,
I am happy enough with 'the longer the cable, the greater the attenuation'
That statement, would hold good, at any frequency,,, but as you said,,, most noticeable , the higher the frequency used !!
Can you give an example , for say,,, 50 Watt TX,,, [145.00 MHz] from radio,,,,, and 10 Watts measured as reflected , with a meter [cross needle] at the back of the radio. [average VHF Co-ax] say ,,, 20 Meters of feeder ?... with the miss-match at the antenna ???

The part I cannot realise is,,,, If I measure 10 Watts at the radio,,, as reflected,,,,, How is this changed to zero ??? by attenuation ???
Sorry, - I just never heard that part before,,,, and am curious.... I know Vswr, means Voltage. swr.....
Thanks in advance ______ Peter EI4HX _._
ei4hxperimental@...

----- Original Message -----
From: Randy Charles Ford
To: FT897@yahoogroups.com
Sent: Monday, April 27, 2009 6:58 PM
Subject: Re: [FT897] Re: SWR Meter on the 897

I guess it depends on what you think is "really really bad." The farther you go down the cable away from the transmitter, the lower the forward power will be due to attenuation in the cable. The closer you go to the transmitter, the lower the reflected power will be, again depending on the amount of attenuation in the cable. (Yes, I'm assuming a "good" cable, or even a "perfect" one, meaning the cable has [near] consistant impedance along its length at the given frequency, where the mismatch is at the antenna.)

So, the closer to the transmitter you measure the SWR, the lower it will be. A long enough "good" cable will attenuate essentially all reflected power, giving a SWR of 1:1, regardless of the mismatch at the antenna. Of course, the higher the frequency, the greater the attenuation will be in the cable, so the more the SWR will be lowered on a given length.

73,
kg4jix randy.

On Monday 27 April 2009 11:07:08 Jim C wrote:
> No it does not depend on a perfect cable unless you have a really really
> bad piece of transmission line, and in that case you should get rid of
> it. Standing wave ratio is the ratio of the maximum amplitude to the
> minimum amplitude of the standing wave. On an open wire, it is easier to
> measure with external instruments and of course the amplitude of the
> standing wave will vary along the cable and the SWR will be the maximum
> you measure divided by the minimum amplitude you measure.
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

25825. Rig Interface with AC Logger

Yahoo group: FT897 (2009)
Date: 2009-04-28 00:23:24 UTC
From: hb789
Topic: 25825 Message: 25825

I just bought a rig interface but cannot get AC logger to handshake with my 897d. does anyone use N3FJP's AC Logger with the 897d? what do I put in for "string to read frequency" and 'mode" what do I check off for "connection power" can someone walk me thru this please. I tried it using HRD and got a handshake so that logger recognizes my rig, but I like using AC Logger. please help me out. thanks, Herb K1LOG

25826. RE: [FT897] Rig Interface with AC Logger

Yahoo group: FT897 (2009)
Date: 2009-04-28 01:10:17 UTC
From: Adam Filkins - KD8CCX
Topic: 25825 Message: 25826

Hello Herb,
I recently set up the same program with my 897D. Give that a shot, I had to do some playing, but it should work as long as you are on the correct Comm Port.

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of hb789
Sent: Monday, April 27, 2009 8:23 PM
To: FT897@yahoogroups.com
Subject: [FT897] Rig Interface with AC Logger

I just bought a rig interface but cannot get AC logger to handshake with my 897d. does anyone use N3FJP's AC Logger with the 897d? what do I put in for "string to read frequency" and 'mode" what do I check off for "connection power" can someone walk me thru this please. I tried it using HRD and got a handshake so that logger recognizes my rig, but I like using AC Logger. please help me out. thanks, Herb K1LOG

[Non-text portions of this message have been removed]

25827. Re: Rig Interface with AC Logger

Yahoo group: FT897 (2009)
Date: 2009-04-28 01:59:17 UTC
From: hb789
Topic: 25825 Message: 25827

Hi Adam, I have the right comm port. what are the settings you are using in AC Loggers "rig interface" page? did you use Yaesu 890 on the left of the screen? what did you use for connection power, parity,etc. Herb K1LOG

--- In FT897@yahoogroups.com, "Adam Filkins - KD8CCX" <kd8ccx@...> wrote:
>
> Hello Herb,
> I recently set up the same program with my 897D. Give that a shot, I
> had to do some playing, but it should work as long as you are on the
> correct Comm Port.
>
>
>
> Adam Filkins
> KD8CCX
> 146.860Mhz Repeater - No PL
>
> Learn more about the Thumb Amateur Radio Club at:
> Http://www.w8ax.com
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> hb789
> Sent: Monday, April 27, 2009 8:23 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Rig Interface with AC Logger
>
>
>
>
>
>
> I just bought a rig interface but cannot get AC logger to handshake with
> my 897d. does anyone use N3FJP's AC Logger with the 897d? what do I put
> in for "string to read frequency" and 'mode" what do I check off for
> "connection power" can someone walk me thru this please. I tried it
> using HRD and got a handshake so that logger recognizes my rig, but I
> like using AC Logger. please help me out. thanks, Herb K1LOG
>
>
>
> [Non-text portions of this message have been removed]
>

25828. Re: Rig Interface with AC Logger

Yahoo group: FT897 (2009)
Date: 2009-04-28 02:02:08 UTC
From: Steve Yates
Topic: 25825 Message: 25828

Here is what I use for AC Log:

Select Rig: Yaesu
Comm Port: (You select the right one)
Baud Rate (k): 9.6 (make it match Menu No. 019)
Parity: None
Data Bits: 8
Stop Bits: 2
Connection Power: RTS
Radio Polling Rate: 100ms (your choice)
Use Frequency: (check, but your choice)
Mode by: Rig (your choice)
Convert from Hex: (check)

73,
Steve - AA5TB
Fort Worth

25829. Re: Rig Interface with AC Logger

Yahoo group: FT897 (2009)
Date: 2009-04-28 02:26:37 UTC
From: hb789
Topic: 25825 Message: 25829

Thanks Steve!!! that worked. I spent all evening trying to fiddle with this to get it to work, and you helped me just like that! really not sure what I was doing wrong, but it's working now. again, thanks for your time! 73 Herb K1LOG

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Here is what I use for AC Log:
>
> Select Rig: Yaesu
> Comm Port: (You select the right one)
> Baud Rate (k): 9.6 (make it match Menu No. 019)
> Parity: None
> Data Bits: 8
> Stop Bits: 2
> Connection Power: RTS
> Radio Polling Rate: 100ms (your choice)
> Use Frequency: (check, but your choice)
> Mode by: Rig (your choice)
> Convert from Hex: (check)
>
> 73,
> Steve - AA5TB
> Fort Worth
>

25830. Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-28 03:03:10 UTC
From: dogdavetika
Topic: 25219 Message: 25830

--- In FT897@yahoogroups.com, "Selva Kumar R" <SelvaKumar.R@...> wrote:
>
> I have set the meter on the Display to show SWR readings, but I cant
> find out how to interpret the scale reading on the display for SWR.
>
> The only reading that seems to be easily made is the Signal Strength
> meter (the S reading also shows a numeric display)
>
> If the bar shows 3 markings from the left when on SWR, what does it mean
> (1.3:1 or 3:1)?? Is there any reference to be used similarly for power,
> ALC etc?.
>
> Best 73,
> -Selva
> VU3RWB

I have read the message that indicated what someone's assesment of the marks mean. I cannot agree with it, but the math is good.

I built a 6 Meter antenna to use for the spring and have it up about 40 feet. It seems to accept power and gets good low marks on the 897D, However it does not agree with the reflected power on my Telewave Power meter. It agrees closely with the minimum swr, but the value of the swr is way off in both situations, and I don't know which to believe. The article on using the "marks" as an indication of reflected power vs. forward power is a good argument but it doesn't seem to hold any water when I test the marks against a known good 50/25/17 ohm load. When I put a good quality 50 ohm load on the 897D through the Telewave power meter, the 897D reads nothing on the swr meter, however the Telewave reads 1 watt with 50 out which translates to 1.33:1 swr with 50 W out. Not a good indication. When I parallel 2 50 ohm loads to make 25 ohms which should be 2:1 swr, I get 15 watts reflected on the Telewave which translates to 3.4:1 swr, and if I look at the 897D, I get 2.5 marks which should translate into 1.58:1 swr. [swr = ((1+(rp/fp))/((1-(rp/fp))] where rp = reflected power and fp = forward power.] So nothing seems to relate to real measurements. When I put 3 good 50 ohm loads on the cable for 17 ohms, it is even worse. I am still trying to come up with some way of really measuring swr or using my service monitor I have with a bridge circuit to compare to known resistances.

Final result is I cannot trust the reflected power I read from my Telewave power meter nor can I trust the "marks" I read from the 897D to give me a real indication of swr.

Dave
N3DT

25831. Re: [FT897] Re: SWR Meter on the 897

Yahoo group: FT897 (2009)
Date: 2009-04-28 08:37:12 UTC
From: Randy Charles Ford
Topic: 25219 Message: 25831

Let's take an example of an antenna that has a 3:1 SWR, with a feedline that has 3dB loss, and a 100W transmitter.

At the transmitter end, we have 100W forward power. At the antenna end, we only have 50W forward power due to the 3dB line loss. The 3:1 SWR at the antenna results in 25% reverse power. Since 25% of 50W is 12.5W, that is how much reflected power is measured at the antenna. But, traveling back to the transmitter side, the reflected power faces the same 3dB loss that the forward power had. Therefore, only 6.25W makes it all of the way back to the transmitter. Instead of the 100W forward with 25W reverse we expected to see, we have 100W forward with 6.25W reverse. That is a much lower SWR, 1.67:1 according to one of the SWR calculators on the web.

If we look at the halfway point, we have 75W forward, and 9.375W reverse. That's an SWR of 2.09:1. Also, if you had enough loss in the cable, the ratio would go to 1:1, ignoring extra decimal places, when the reverse power at the transmitter dropped below 0.05W. (And that's ignoring the limits of the meter.) Looking at the above example should show that it wouldn't take that much loss to make a 3.0:1 SWR look like a 1.0:1. I think that it's something like 24dB loss one way. It takes a lot less loss to make it "close" to 1:1.

I realize that I may be simplifying this by ignoring reflections of reflections, but the concepts hold. The article mentioned earlier <http://www.arrl.org/tis/info/pdf/q1106037.pdf> mentions this somewhat in the section titled "Is that the Whole Story?" It's looking at it from the other side, though: if your cable loss is x dB and your SWR reads y, your effective SWR is z.

73,
kg4jix randy.

On Monday 27 April 2009 16:12:01 P Grant wrote:
> Hello Randy , and All.
>
> I'm always ready to be educated,,, so I am following this thread
> earnestly..,,,,,, Randy,,, can you clarify the math on this final statement
> ???
> "" A long enough "good" cable will attenuate ,,,,,
> essentially all the reflected power, ,,,
> giving a SWR, of 1:1, regardless of the mismatch ,,,,,,
> at the antenna"" ,,,,,
> I am happy enough with 'the longer the cable, the greater the attenuation'
> That statement, would hold good, at any frequency,,, but as you said,,,
> most noticeable , the higher the frequency used !!
> Can you give an example , for say,,, 50 Watt TX,,, [145.00 MHz] from

> radio,,,,, and 10 Watts measured as reflected , with a meter [cross needle
>] at the back of the radio. [average VHF Co-ax] say ,,, 20 Meters of
> feeder ?... with the miss-match at the antenna ???
>
> The part I cannot realise is,,,, If I measure 10 Watts at the radio,,,
> as reflected,,,,, How is this changed to zero ??? by attenuation ???
> Sorry, - I just never heard that part before,,,, and am curious.... I
> know Vswr, means Voltage. swr..... Thanks in advance ______ Peter
> EI4HX _._
> ei4hxperimental@...
>
> ----- Original Message -----
> From: Randy Charles Ford
> To: FT897@yahoogroups.com
> Sent: Monday, April 27, 2009 6:58 PM
> Subject: Re: [FT897] Re: SWR Meter on the 897
>
>
> I guess it depends on what you think is "really really bad." The farther
> you go down the cable away from the transmitter, the lower the forward
> power will be due to attenuation in the cable. The closer you go to the
> transmitter, the lower the reflected power will be, again depending on the
> amount of attenuation in the cable. (Yes, I'm assuming a "good" cable, or
> even a "perfect" one, meaning the cable has [near] consistant impedance
> along its length at the given frequency, where the mismatch is at the
> antenna.)
>
> So, the closer to the transmitter you measure the SWR, the lower it will
> be. A long enough "good" cable will attenuate essentially all reflected
> power, giving a SWR of 1:1, regardless of the mismatch at the antenna. Of
> course, the higher the frequency, the greater the attenuation will be in
> the cable, so the more the SWR will be lowered on a given length.
>
> 73,
> kg4jix randy.

25832. SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-28 11:33:50 UTC
From: P Grant
Topic: 25832 Message: 25832

----- Original Message -----
From: P Grant
To: ft897@yahoogroups.com
Sent: Tuesday, April 28, 2009 10:57 AM
Subject: SWR @ !:!

Hello Randy and All

Thank you for the imaginative arithmetic solution.

Without using imagination, can you show the realistic math, for a real life 1:1 situation, for the example I asked for previously ???

20 M length of RG213 co-ax, dB loss for 100 M is 2.75 dB @ 150 MHz.
So 20 M long will be 0.55 dB line loss. Both forward and reflected.
Total line loss will therefore be 0.55 x 2 = 1.1 dB overall, attenuation.

Can you show us all how a transmitter with an output of 50 Watts, and showing a reflected power of 10 Watts
will arrive at a 1:1 SWR at the back of the radio.

Allowing the 10Watts of reflected power to disappear ???
What will the SWR at the antenna be,,,, if the SWR at the radio is in the proportion of 50W forward : 10 Watts reflected.

As in this case.....

BR. Peter EI4HX _.___
<ei4hxperimental@...>

[Non-text portions of this message have been removed]

25833. [FT897] Moonraker SPX-300

Yahoo group: FT897 (2009)
Date: 2009-04-28 11:57:49 UTC
From: SQ 9 MLL Art
Topic: 25825 Message: 25833

Hello at all Radio Friends :)
Who have any experience with mobile HF antenna Moonraker SPX-300?
I have taked it last days in mint condition but without any manual.
Who can whisper me any info how it work with FT-897 D?
rgds
SQ 9 MLL Art
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

25834. RFI problem with MH59 mike

Yahoo group: FT897 (2009)
Date: 2009-04-28 13:01:20 UTC
From: Lew Phelps K6LMP
Topic: 25834 Message: 25834

Hi, folks.

I got a new MH-59 mike for my birthday (very understanding father-in-law!). It seems to be a great mike, allowing you to remote control almost every aspect of the FT-897 from buttons on the mike, which is great for mobile use. Unfortunately, my mike seems to suffer from an RFI feedback problem that has been documented online -- when you key the mike on HF or 6 meters, an RF loop sets up so that the mike won't unkey when you release the PTT switch.

I have temporarily fixed this by slapping a couple of snap-on ferrite beads on the mike cable. Crude, but effective. I've read online about a simple mod, (http://www.ae7q.net/doc/public/MH-59.php) putting a 1/2" diameter ferrite core into the mike and wrapping the incoming wires one turn through the toroid. Has anyone tried this approach? Does it work for you?

I'm also considering another mod, described by W1AEX (http://members.cox.net/w1aex/mh59.html) to improve bass audio by adding several caps to the circuit board. Has anyone done that mod? How does it work for you?

Thanks and 73,

Lew K6LMP

[Non-text portions of this message have been removed]

25835. Re: [FT897] RFI problem with MH59 mike

Yahoo group: FT897 (2009)
Date: 2009-04-28 13:41:56 UTC
From: customgraphics!
Topic: 25834 Message: 25835

hi, lew :)

i only had rf on the mh59 mic on 6m when using coax that had the shield connection to the pl259 broken.... but will look for some snap-ons anyway :) t u :)

also, make use of the programmable ACC P1 P2 buttons for scan / rpt / powerlvl (menu #'s 68 69 & 70)

73!

carl wb9ybi :)

----- Original Message -----
From: "Lew Phelps K6LMP" <k6lmp@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, April 28, 2009 9:01 AM
Subject: [FT897] RFI problem with MH59 mike

> Hi, folks.
>
> I got a new MH-59 mike for my birthday (very understanding father-in-
> law!). It seems to be a great mike, allowing you to remote control
> almost every aspect of the FT-897 from buttons on the mike, which is
> great for mobile use. Unfortunately, my mike seems to suffer from an
> RFI feedback problem that has been documented online -- when you key
> the mike on HF or 6 meters, an RF loop sets up so that the mike won't
> unkey when you release the PTT switch.
>
> I have temporarily fixed this by slapping a couple of snap-on ferrite
> beads on the mike cable. Crude, but effective. I've read online about
> a simple mod, (http://www.ae7q.net/doc/public/MH-59.php) putting a
> 1/2" diameter ferrite core into the mike and wrapping the incoming
> wires one turn through the toroid. Has anyone tried this approach?
> Does it work for you?
>
> I'm also considering another mod, described by W1AEX
(http://members.cox.net/w1aex/mh59.html
>) to improve bass audio by adding several caps to the circuit board.
> Has anyone done that mod? How does it work for you?
>
> Thanks and 73,
>
> Lew K6LMP
>
>

> [Non-text portions of this message have been removed]
>
>

25836. Re: [FT897] Moonraker SPX-300

Yahoo group: FT897 (2009)
Date: 2009-04-28 13:52:04 UTC
From: Roger Sale
Topic: 25836 Message: 25836

Hi,
I used an spx 300 mobile with success a year or more ago, a lot of people say they are just heavily loaded coils, but I made contacts to USA from UK no problem.
A picture is attached to show the plug/antenna combinations
73
de
Roger 2E0RAC
----- Original Message -----
From: SQ 9 MLL Art
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 12:57 PM
Subject: [FT897] Moonraker SPX-300

Hello at all Radio Friends :)
Who have any experience with mobile HF antenna Moonraker SPX-300?
I have taked it last days in mint condition but without any manual.
Who can whisper me any info how it work with FT-897 D?
rgds
SQ 9 MLL Art
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25837. Re: [FT897] RFI problem with MH59 mike

Yahoo group: FT897 (2009)
Date: 2009-04-28 15:15:44 UTC
From: ke7hge
Topic: 25834 Message: 25837

I don't remember who wrote or published this article (I can't take credit for it), but it took care of the RFI issues I was having with the MH-59.
Now to see if attachments will post to this group.
73
Ken ke7hge

----- Original Message -----
From: Lew Phelps K6LMP
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 6:01 AM
Subject: [FT897] RFI problem with MH59 mike

Hi, folks.

I got a new MH-59 mike for my birthday (very understanding father-in-law!). It seems to be a great mike, allowing you to remote control almost every aspect of the FT-897 from buttons on the mike, which is great for mobile use. Unfortunately, my mike seems to suffer from an RFI feedback problem that has been documented online -- when you key the mike on HF or 6 meters, an RF loop sets up so that the mike won't unkey when you release the PTT switch.

I have temporarily fixed this by slapping a couple of snap-on ferrite beads on the mike cable. Crude, but effective. I've read online about a simple mod, (http://www.ae7q.net/doc/public/MH-59.php) putting a 1/2" diameter ferrite core into the mike and wrapping the incoming wires one turn through the toroid. Has anyone tried this approach? Does it work for you?

I'm also considering another mod, described by W1AEX (http://members.cox.net/w1aex/mh59.html) to improve bass audio by adding several caps to the circuit board. Has anyone done that mod? How does it work for you?

Thanks and 73,

Lew K6LMP

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.12.4/2082 - Release Date: 04/27/09 06:19:00

[Non-text portions of this message have been removed]

25838. Re: [FT897] RFI problem with MH59 mike

Yahoo group: FT897 (2009)
Date: 2009-04-28 15:22:24 UTC
From: ke7hge
Topic: 25834 Message: 25838

OK, I see that we can't post files directly here, so I have uploaded " MH 59 WITH TOROID COIL.doc " to the files area.
Ken, ke7hge

----- Original Message -----
From: ke7hge
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 8:15 AM
Subject: Re: [FT897] RFI problem with MH59 mike

I don't remember who wrote or published this article (I can't take credit for it), but it took care of the RFI issues I was having with the MH-59.
Now to see if attachments will post to this group.
73
Ken ke7hge

----- Original Message -----
From: Lew Phelps K6LMP
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 6:01 AM
Subject: [FT897] RFI problem with MH59 mike

Hi, folks.

I got a new MH-59 mike for my birthday (very understanding father-in-law!). It seems to be a great mike, allowing you to remote control almost every aspect of the FT-897 from buttons on the mike, which is great for mobile use. Unfortunately, my mike seems to suffer from an RFI feedback problem that has been documented online -- when you key the mike on HF or 6 meters, an RF loop sets up so that the mike won't unkey when you release the PTT switch.

I have temporarily fixed this by slapping a couple of snap-on ferrite beads on the mike cable. Crude, but effective. I've read online about a simple mod, (http://www.ae7q.net/doc/public/MH-59.php) putting a 1/2" diameter ferrite core into the mike and wrapping the incoming wires one turn through the toroid. Has anyone tried this approach? Does it work for you?

I'm also considering another mod, described by W1AEX (http://members.cox.net/w1aex/mh59.html) to improve bass audio by adding several caps to the circuit board. Has anyone done that mod? How does it work for you?

Thanks and 73,

Lew K6LMP

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.12.4/2082 - Release Date: 04/27/09 06:19:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.12.4/2082 - Release Date: 04/27/09 06:19:00

[Non-text portions of this message have been removed]

25839. CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 03:12:59 UTC
From: GARY
Topic: 25839 Message: 25839

Hello Group, I am in the final decision stage on buying a new FT-897D so trying to learn what I can before making the big purchase. One of the desirable things on theFT-897D is the VHF bands. On 2Meters are the CTCSS codes available? I am not finding the feature in my research so maybe just my oversight. Thnx in advance for the help. 73 GARY KH6JMU

[Non-text portions of this message have been removed]

25840. NEW MEMBER

Yahoo group: FT897 (2009)
Date: 2009-04-27 12:33:10 UTC
From: oldbiker@swbell.net
Topic: 25840 Message: 25840

HELLO TO ALL
  Yes, I am the new guy in the group. I am returning to HAM radio after a few years away so feel like a novice just starting as I did some 30+ years ago. Now live in Missouri.
  Some of the old ways are coming back as I build my station. I already have a 2M HT but anxious to get on the air. I hope to get some antenna work done this week. I look forward to the Group comments and tips on the FT-897 as I am seriously considering this radio for my new staion radio. Looks like some good sale pricing and rebates at the moment at the big dealers so may be the time to make the buy. Any suggestions.
73
GARY KH6JMU

"TODAY IS THE FIRST DAY OF THE REST OF YOUR LIFE"

[Non-text portions of this message have been removed]

25841. Yaesu MTMF MH-36E8J Microphone

Yahoo group: FT897 (2009)
Date: 2009-04-28 16:11:41 UTC
From: Chris
Topic: 25841 Message: 25841

Hi,

Don't know if anyone can help. Just had a MH-36E8J microphone given to me to use on my 897. But there are no instructions so I don't know what the ABCD btttons to the right do, or the AB buttons on the bottom right.

Can anyone help, or does anyone have a copy of the instructions to scan.

thanks

M3OZP
Chris

25842. Re: [FT897] CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 19:16:33 UTC
From: jer1538a@aol.com
Topic: 25839 Message: 25842

CTCSS AND DPL ARE INCLUDED

****
Access 350+ FREE radio stations
anytime from anywhere on the web. Get the Radio Toolbar!
(http://toolbar.aol.com/aolradio/download.html?ncid=emlcntusdown00000003)

[Non-text portions of this message have been removed]

25843. Re: [FT897] CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 20:14:00 UTC
From: Danny Loyd
Topic: 25839 Message: 25843

Gary,

The CTCSS codes are included in the manual. As you probably already know, you just need to know the tone for your repeaters that you want to tune up and save. The FT897 I have is very easy to set-up for VHF repeater use. They give you step by step instructions in the manual.

Danny
KE5WDI

From: GARY <oldbiker@...>
To: FT897@yahoogroups.com
Sent: Monday, April 27, 2009 10:12:59 PM
Subject: [FT897] CTCSS CODES

Hello Group, I am in the final decision stage on buying a new FT-897D so trying to learn what I can before making the big purchase. One of the desirable things on theFT-897D is the VHF bands. On 2Meters are the CTCSS codes available? I am not finding the feature in my research so maybe just my oversight. Thnx in advance for the help. 73 GARY
KH6JMU

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25844. Re: [FT897] NEW MEMBER

Yahoo group: FT897 (2009)
Date: 2009-04-28 20:17:43 UTC
From: Kerryguy7
Topic: 25840 Message: 25844

Welcome to the group Gary and welcome BACK to the hobby!
Nice to have you "aboard"!

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: "oldbiker@..." <oldbiker@...>
To: FT897@yahoogroups.com
Sent: Monday, April 27, 2009 8:33:10 AM
Subject: [FT897] NEW MEMBER

HELLO TO ALL
Yes, I am the new guy in the group. I am returning to HAM radio after a few years away so feel like a novice just starting as I did some 30+ years ago. Now live in Missouri. Some of the old ways are coming back as I build my station. I already have a 2M HT but anxious to get on the air. I hope to get some antenna work done this week. I look forward to the Group comments and tips on the FT-897 as I am seriously considering this radio for my new staion radio. Looks like some good sale pricing and rebates at the moment at the big dealers so may be the time to make the buy. Any suggestions.
73
GARY KH6JMU

"TODAY IS THE FIRST DAY OF THE REST OF YOUR LIFE"

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25845. Re: [FT897] SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-28 21:28:31 UTC
From: Randy Charles Ford
Topic: 25832 Message: 25845

I didn't use your numbers because you gave too much information. Stating the forward and reverse power at the transmitter, 50W and 10W, set the SWR at the transmitter. No math is going to change that, without changing some of the other parameters, such as cable length or loss.

This could be solved to see what the SWR is at the antenna, which may be helpful. Adding losses, by either extending the length of the coax, or by using higher-loss coax, would lower the measured SWR at the transmitter, but we generally work hard to avoid those losses. What is really important isn't even the SWR at the antenna: it's the amount of power that is being effectively applied to the antenna, so it can transmit it. That is the forward power at the antenna minus the reverse power. (Efficiency of the transmission system could also be useful, which would be the difference of forward power minus the reflected power, divided by the forward power at the transmitter.)

I commonly see people who appear to think that the goal of an antenna feed system is to have low SWR. It should be to have maximum transmitted power at the antenna, while keeping SWR low enough to not damage the rig. Adding losses to lower SWR generally would be a bad thing. Even adding a tuner to a system where the SWR is alrady "low enough" introduces losses in the tuner, and may result in less power reaching the antenna, even though it lowers the SWR measured at the transmitter.

Also, note that the loss in the system you described would be greater than 1.1dB, because the SWR is not 1:1 at the antenna. The figure given by coax manufactures assumes this, otherwise the figure would be useless. The ARRL article listed earlier is specifically design to help one understand the loss, sometime a huge loss, in the coax when the SWR is not 1:1. I believe that it may answer your question better than I can.

The reason I posted the first time was to show that the SWR at the transmitter is lower than the SWR at the antenna, due to transmission line loses. Also, the worse the loss, the better the SWR appears at the transmitter. If someone has an SWR that is much lower than their system should be, it is likely due to these loses. If the SWR improves suddenly, or slowly over time, the system likely has a problem. As coax deteriorates, the SWR is likely to improve!

I find it interesting that some antenna manufactures specify a minimum length of coax to use between their antenna's matching section and the transmitter. As far as I have figured it, they are doing that to use the shield of the coax as a transmitting element, or they are using the added loss to lower the SWR seen at the transmitter. Either way, it doesn't sound like something I want to try.

73,
kg4jix randy.

On Tuesday 28 April 2009 06:33:50 P Grant wrote:
> Hello Randy and All
>
> Thank you for the imaginative arithmetic solution.
>
> Without using imagination, can you show the realistic math, for a real
> life 1:1 situation, for the example I asked for previously ???
>
> 20 M length of RG213 co-ax, dB loss for 100 M is 2.75 dB @ 150 MHz.
> So 20 M long will be 0.55 dB line loss. Both forward and reflected.
> Total line loss will therefore be 0.55 x 2 = 1.1 dB overall,
> attenuation.
>
> Can you show us all how a transmitter with an output of 50 Watts, and
> showing a reflected power of 10 Watts will arrive at a 1:1 SWR at the back
> of the radio.
>
> Allowing the 10Watts of reflected power to disappear ???
> What will the SWR at the antenna be,,,, if the SWR at the radio is in the
> proportion of 50W forward : 10 Watts reflected.
>
> As in this case.....
>
> BR. Peter EI4HX _.___
> <ei4hxperimental@...>
>

25846. Menu 020

Yahoo group: FT897 (2009)
Date: 2009-04-28 23:20:42 UTC
From: hb789
Topic: 25846 Message: 25846

Hi, I have an AT-897 tuner connected to my 897d. I've been trying to set up a rig interface to my computer. got it working last night but then this morning it wouldn't work. does menu 020, cat/lin/tuner have to be set to 'cat" it's now set at tuner, and will not change. It's stuck on 'tuner" any suggestions? I'm really, really frustrated with trying to interface y 897d with my computer. had it working with both AC Log and HRD last night, but neither would work this morning!!!

25847. Re: CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 23:24:14 UTC
From: scoutermike@sbcglobal.net
Topic: 25839 Message: 25847

Hi Gary et All in the group,

Welcome back to the hobby. I am also a recent returnee of 2 & 1/2 years or so. After weighing the pros & cons of the "Shack-in-a-Box" modern rigs I settled on an 897D and haven't looked back. Its a great deal & new prices are low enough to make the new\used question a moot point. I added LDG's AT-897 & FT meter and am happy with the results. I also run some old hybrids(Drake B-Line & TS-830) & the 897 compares very favorably with their performance with many digital enhancements to make life simpler. If you haven't already done so I'd advise going to the Yaesu site & downloading the manual. As others have mentioned the rig supports CTCSS tones and if the tone is unknown will even scan for it. This feature doesn't always work perfectly but when it does work it's a thing of beauty.

Good Luck in your quest for a new rig & happy listening and much DX,

Vy 73,
Mike
K8SYN

--- In FT897@yahoogroups.com, "GARY" <oldbiker@...> wrote:
>
>
> Hello Group, I am in the final decision stage on buying a new FT-897D
> so trying to learn what I can before making the big purchase. One of
> the desirable things on theFT-897D is the VHF bands. On 2Meters are the
> CTCSS codes available? I am not finding the feature in my research so
> maybe just my oversight. Thnx in advance for the help. 73 GARY
> KH6JMU
>
>
>
> [Non-text portions of this message have been removed]
>

25848. Re: [FT897] SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-28 23:37:02 UTC
From: KA0RXX
Topic: 25832 Message: 25848

For what it's worth, I think you loss figures are off for RG-213- Quick look shows that your loss figure are approximately correct per 100 FEET, no meters.... so you would be looking at more like 1.7 or 1.8 db for the 20 meter run.

Then add your SWR losses from there.....

Pat

P Grant wrote:
> ----- Original Message -----
> From: P Grant
> To: ft897@yahoogroups.com
> Sent: Tuesday, April 28, 2009 10:57 AM
> Subject: SWR @ !:!
>
>
> Hello Randy and All
>
> Thank you for the imaginative arithmetic solution.
>
> Without using imagination, can you show the realistic math, for a real life 1:1 situation, for the example I asked for previously ???
>
> 20 M length of RG213 co-ax, dB loss for 100 M is 2.75 dB @ 150 MHz.
> So 20 M long will be 0.55 dB line loss. Both forward and reflected.
> Total line loss will therefore be 0.55 x 2 = 1.1 dB overall, attenuation.
>
> Can you show us all how a transmitter with an output of 50 Watts, and showing a reflected power of 10 Watts
> will arrive at a 1:1 SWR at the back of the radio.
>
> Allowing the 10Watts of reflected power to disappear ???
> What will the SWR at the antenna be,,,, if the SWR at the radio is in the proportion of 50W forward : 10 Watts reflected.
>
> As in this case.....
>
> BR. Peter EI4HX _.___
> <ei4hxperimental@...>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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25849. Re: Menu 020

Yahoo group: FT897 (2009)
Date: 2009-04-28 23:53:01 UTC
From: John Bucsek
Topic: 25846 Message: 25849

This was just answered recently in another thread. It seems that the FT-897D gets stuck on "tuner".

Basically menu 020 needs to be on "cat". The "tuner" choice is for Yaesu's tuner. The LDG AT-897 tuning function is independent of the FT-897.

The other post mentions how to get the menu unstuck. I believe that when I made the same mistake all I did was unplug all the accessories from the FT-897 and turn it back on and set menu 020 back to cat without anything extra attached. Then I powered off again and reattached all the cables from the AT-897 to the FT-897.

John - KE7WNB

--- In FT897@yahoogroups.com, "hb789" <herbboutilier@...> wrote:
>
> Hi, I have an AT-897 tuner connected to my 897d. I've been trying to set up a rig interface to my computer. got it working last night but then this morning it wouldn't work. does menu 020, cat/lin/tuner have to be set to 'cat" it's now set at tuner, and will not change. It's stuck on 'tuner" any suggestions? I'm really, really frustrated with trying to interface y 897d with my computer. had it working with both AC Log and HRD last night, but neither would work this morning!!!
>

25850. Re: Menu 020

Yahoo group: FT897 (2009)
Date: 2009-04-28 23:59:31 UTC
From: hb789
Topic: 25846 Message: 25850

Thanks John, i had to set menu 085 to 'off' before i could change menu 020. i finally found something when I googled this. it seems to work fine now that I've changed menu 085. thanks again. 73 de K1LOG Herb.

--- In FT897@yahoogroups.com, "John Bucsek" <pwyll99@...> wrote:
>
> This was just answered recently in another thread. It seems that the FT-897D gets stuck on "tuner".
>
> Basically menu 020 needs to be on "cat". The "tuner" choice is for Yaesu's tuner. The LDG AT-897 tuning function is independent of the FT-897.
>
> The other post mentions how to get the menu unstuck. I believe that when I made the same mistake all I did was unplug all the accessories from the FT-897 and turn it back on and set menu 020 back to cat without anything extra attached. Then I powered off again and reattached all the cables from the AT-897 to the FT-897.
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> John - KE7WNB
>
>
> --- In FT897@yahoogroups.com, "hb789" <herbboutilier@> wrote:
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> > Hi, I have an AT-897 tuner connected to my 897d. I've been trying to set up a rig interface to my computer. got it working last night but then this morning it wouldn't work. does menu 020, cat/lin/tuner have to be set to 'cat" it's now set at tuner, and will not change. It's stuck on 'tuner" any suggestions? I'm really, really frustrated with trying to interface y 897d with my computer. had it working with both AC Log and HRD last night, but neither would work this morning!!!
> >
>

25851. Re: [FT897] SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-29 09:17:58 UTC
From: Richard Corfield
Topic: 25832 Message: 25851

I think it's easier to work in terms of return loss in dB because that just adds up with cable loss through the system. At least I used to think so and that is how I answered the exam questions, by converting to that form and doing it that way. Reading this makes me wonder how well I remember it all, so here goes and correct me if I'm wrong.

Return loss at the antenna (dB lost due to power reflecting back) = -20 log ((SWR - 1)/(SWR + 1))

For example SWR=2, so voltage reflection coefficient = (2-1) / (2+1) = 1/3, so return loss is 9.5dB. (-9.5dB of your signal, or 1/9th of it, is bounced back)

If the cable loss is 10dB, then the return loss from transmitter to antenna and back again would have gone through that cable twice so would be approximately 29.5dB. (or -29.5dB of your transmitted signal appears back at the transmitter as reflection)

This does not factor in reflections of reflections but I wonder how useful they are. They're not guaranteed to be in phase for a start. Also if the transmitter's output impedance, the impedance it looks like looking in from the cable, is 50ohm then surely it should absorb the reflected power rather than reflect it back. This would seem to make sense given that high SWR leads to blown finals.

The signal coming back to the transmitter from the antenna will be 29.5dB down from the outgoing signal, so we reverse the first equation.
The voltage reflection coefficient seen at the transmitter is 10 ^ -29.5/20 = 0.0335. Those standing waves have really shrunk!

SWR = (1 + r) / (1 - r) = 1.07.

It will never reach 1:1, but it will get closer to it as the cable gets longer.

Most of the power in this case is lost in the cable. This must be a really long or really bad cable. Maybe you're using RG58 to go to a rooftop antenna from your shack in the basement at 430MHz.

Power getting through to antenna via cable is -10dB = 10^-1 = 0.1, so 90% of the power is lost in the cable.
(check sanity, double the cable lengthy, -20dB = 10^-2 = 0.01, so 99%, makes sense)
Power not reflected is 1 - (-9.5dB) = 1 - 0.1 = 0.9
Power from transmitter to antenna is therefore 0.1 * 0.9 = 0.09.

So what of putting the tuner at the antenna end of the feed? I suppose we eliminate return loss completely but cable loss is still there. We can get a better match because we're matching to the "real" antenna and we're not lulled into a false sense of security by our 1:1.07 SWR reading. This system with its loss being mostly in the cable will still have the cable loss swamping the return loss.

- Richard

[Non-text portions of this message have been removed]

25852. Re: [FT897] SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-29 13:03:35 UTC
From: P Grant
Topic: 25832 Message: 25852

Hello Pat

I have looked at a couple of on line calculators for SWR / dB loss/ gain.
Best one I have found is www.coarc.ca/coax.htm

Yes you are right !

I seemed to be using imperial measurements,,,,
don't know when I worked in feet, and inches,,,,, years.

It really is an eye opener,,,
If you play around with the figures,,, you can really come up with genuine figures to correspond to show a 1:1 match ,,,,,,,,, the transmit power will have gone down into the ground,,, but the fact is,,,

Randy is right.!!!

So an educational gong to him for his endeavour.

I have saved the calculator in my "antenna / feeder" files, so it should be a saving on calculating on paper, in the future.
As I was always taught : The only stupid question, is the one nobody, asked !!!
Thanks to all for their attention.
best 73 ________ Peter EI4HX _.____
----- Original Message -----
From: KA0RXX
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 11:37 PM
Subject: Re: [FT897] SWR @ !:!

For what it's worth, I think you loss figures are off for RG-213- Quick
look shows that your loss figure are approximately correct per 100 FEET,
no meters.... so you would be looking at more like 1.7 or 1.8 db for the
20 meter run.

Then add your SWR losses from there.....

Pat

P Grant wrote:
> ----- Original Message -----
> From: P Grant
> To: ft897@yahoogroups.com
> Sent: Tuesday, April 28, 2009 10:57 AM
> Subject: SWR @ !:!
>
>
> Hello Randy and All

>
> Thank you for the imaginative arithmetic solution.
>
> Without using imagination, can you show the realistic math, for a real life 1:1 situation, for the example I asked for previously ???
>
> 20 M length of RG213 co-ax, dB loss for 100 M is 2.75 dB @ 150 MHz.
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> BR. Peter EI4HX _.___
> <ei4hxperimental@...>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

25853. Re: CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-29 14:01:46 UTC
From: tenorman1952
Topic: 25839 Message: 25853

--- In FT897@yahoogroups.com, "GARY" <oldbiker@...> wrote:
>
>
> Hello Group, I am in the final decision stage on buying a new FT-897D
> so trying to learn what I can before making the big purchase. One of
> the desirable things on theFT-897D is the VHF bands. On 2Meters are the
> CTCSS codes available? I am not finding the feature in my research so
> maybe just my oversight. Thnx in advance for the help. 73 GARY
> KH6JMU
>
>
>
> [Non-text portions of this message have been removed]

As you set up each 2m freq for your area repeaters, program them into memory, also program the tones at the same time, THEN save the frequency into memory.

(One area repeater just added tone.)

If you do it as I first tried, had the repeaters saved in memory, then programmed in a tone... it worked that time, and I thought I had it saved, but as soon as I tuned away it lost the tone. Next time I used that repeater, no tone.

So, set it all up first, then save to memory.

But this radio does it all.

Paul
AE5JU

25854. Re: CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-29 14:10:12 UTC
From: m3pww
Topic: 25839 Message: 25854

CTCSS subtones are useable on ALL bands in fm mode with full encode decode and with ctcss subtones reversed if reuired.

I myself find that programming the memorys is the easiest way on the FT897 using basic MMO memory managment software.

Paul

M3PWW

25855. Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-29 14:51:42 UTC
From: Hank
Topic: 25855 Message: 25855

I am currently controlling my 897D with HRD, and want to set up memory management software as well. I have the LDG AT-897 tuner, so I have an additional CAT port. I am not sure which software I am going to use yet, and I'm open to suggestions to that as well. My question, however, is about using memory management at the same time as HRD. Can I run both programs at the same time? If so, do any of the menu items need to be changed? Also, does memory management software use the CAT port, or one of the others. I'm sure this is being done, I just haven't been able to find the answer.

Thanks & 73,

de Hank / KB4MTO

25856. Re: Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-29 19:51:59 UTC
From: m3pww
Topic: 25855 Message: 25856

You will only be able to run either HRD or the memory management software as both require the cat port for use.

Paul
M3PWW

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I am currently controlling my 897D with HRD, and want to set up memory management software as well. I have the LDG AT-897 tuner, so I have an additional CAT port. I am not sure which software I am going to use yet, and I'm open to suggestions to that as well. My question, however, is about using memory management at the same time as HRD. Can I run both programs at the same time? If so, do any of the menu items need to be changed? Also, does memory management software use the CAT port, or one of the others. I'm sure this is being done, I just haven't been able to find the answer.
>
> Thanks & 73,
>
> de Hank / KB4MTO
>

25857. Re: [FT897] Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-29 22:57:44 UTC
From: Allan Godney
Topic: 25855 Message: 25857

Hello Hank

There is no necessity to run HRD and the memory management software at the same time as the memory management software simply stores the channel information and CTCSS codes etc. in your FT897D, it is only run to upload or download the channel information to or from your PC (you can have as many file versions as you want!). There after you simply press the V/M button on the top right of the FT897D and select the channel required using the MEM/VFO ch knob. I have 135 beacons, repeaters, satellite channels and simplex channels stored and available for use at a press of the proverbial button! One more press of the V/M button returns you back to where you were originally - maybe still in HRD listening to a net on 20meters.
The software I recommend is FTBasicMMO available for download at www.g4hfq.co.uk.
Enjoy!
Regards Allan M0CBG

Hank wrote:
>
>
> I am currently controlling my 897D with HRD, and want to set up memory
> management software as well. I have the LDG AT-897 tuner, so I have an
> additional CAT port. I am not sure which software I am going to use
> yet, and I'm open to suggestions to that as well. My question,
> however, is about using memory management at the same time as HRD. Can
> I run both programs at the same time? If so, do any of the menu items
> need to be changed? Also, does memory management software use the CAT
> port, or one of the others. I'm sure this is being done, I just
> haven't been able to find the answer.
>
> Thanks & 73,
>
> de Hank / KB4MTO
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.0.238 / Virus Database: 270.12.8/2086 - Release Date: 04/29/09 06:37:00
>
>

Try the all-new Yahoo! Mail. "The New Version is radically easier to use" ? The Wall Street Journal
http://uk.docs.yahoo.com/nowyoucan.html

25858. Re: [FT897] SWR @ !:!

Yahoo group: FT897 (2009)
Date: 2009-04-29 23:13:52 UTC
From: KA0RXX
Topic: 25832 Message: 25858

Hi Peter-

Mixing metric and imperial has a long history of being a common mistake!
:) Lord knows I've done it myself a time or two.... or more :)

73

Pat

P Grant wrote:
> Hello Pat
>
> I have looked at a couple of on line calculators for SWR / dB loss/ gain.
> Best one I have found is www.coarc.ca/coax.htm
>
> Yes you are right !
>
> I seemed to be using imperial measurements,,,,
> don't know when I worked in feet, and inches,,,,, years.
>
> It really is an eye opener,,,
> If you play around with the figures,,, you can really come up with genuine figures to correspond to show a 1:1 match ,,,,,,,,, the transmit power will have gone down into the ground,,, but the fact is,,,
>
> Randy is right.!!!
>
> So an educational gong to him for his endeavour.
>
> I have saved the calculator in my "antenna / feeder" files, so it should be a saving on calculating on paper, in the future.
> As I was always taught : The only stupid question, is the one nobody, asked !!!
> Thanks to all for their attention.
> best 73 ________ Peter EI4HX _.____
> ----- Original Message -----
> From: KA0RXX
> To: FT897@yahoogroups.com
> Sent: Tuesday, April 28, 2009 11:37 PM
> Subject: Re: [FT897] SWR @ !:!
>
>
>
>
>
> For what it's worth, I think you loss figures are off for RG-213- Quick
> look shows that your loss figure are approximately correct per 100 FEET,

> no meters.... so you would be looking at more like 1.7 or 1.8 db for the
> 20 meter run.
>
> Then add your SWR losses from there.....
>
> Pat
>
> P Grant wrote:
> > ----- Original Message -----
> > From: P Grant
> > To: ft897@yahoogroups.com
> > Sent: Tuesday, April 28, 2009 10:57 AM
> > Subject: SWR @ !:!
> >
> >
> > Hello Randy and All
> >
> > Thank you for the imaginative arithmetic solution.
> >
> > Without using imagination, can you show the realistic math, for a real life 1:1
situation, for the example I asked for previously ???
> >
> > 20 M length of RG213 co-ax, dB loss for 100 M is 2.75 dB @ 150 MHz.
> > So 20 M long will be 0.55 dB line loss. Both forward and reflected.
> > Total line loss will therefore be 0.55 x 2 = 1.1 dB overall, attenuation.
> >
> > Can you show us all how a transmitter with an output of 50 Watts, and showing a
reflected power of 10 Watts
> > will arrive at a 1:1 SWR at the back of the radio.
> >
> > Allowing the 10Watts of reflected power to disappear ???
> > What will the SWR at the antenna be,,,, if the SWR at the radio is in the proportion of
50W forward : 10 Watts reflected.
> >
> > As in this case.....
> >
> > BR. Peter EI4HX _.___
> > <ei4hxperimental@...>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

25859. Re: Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-30 00:38:28 UTC
From: Hank
Topic: 25855 Message: 25859

OK, that makes sense. I want to use memory management software so that I can easily manage my memories. I will definitely give FTBasicMMO a try.

One last question; does FTBasicMMO use the CAT port? If so, can I plug it in the second CAT port on the LDG AT-897 tuner and leave it plugged in even if I am not using FTBasicMMO? I want to try to avoid having to swap cables around.

Thanks and 73,

Hank / KB4MTO

--- In FT897@yahoogroups.com, Allan Godney <agodney@...> wrote:
>
> Hello Hank
>
> There is no necessity to run HRD and the memory management software at
> the same time as the memory management software simply stores the
> channel information and CTCSS codes etc. in your FT897D, it is only run
> to upload or download the channel information to or from your PC (you
> can have as many file versions as you want!). There after you simply
> press the V/M button on the top right of the FT897D and select the
> channel required using the MEM/VFO ch knob. I have 135 beacons,
> repeaters, satellite channels and simplex channels stored and available
> for use at a press of the proverbial button! One more press of the V/M
> button returns you back to where you were originally - maybe still in
> HRD listening to a net on 20meters.
> The software I recommend is FTBasicMMO available for download at
> www.g4hfq.co.uk.
> Enjoy!
> Regards Allan M0CBG
>
> Hank wrote:
> >
> >
> > I am currently controlling my 897D with HRD, and want to set up memory
> > management software as well. I have the LDG AT-897 tuner, so I have an
> > additional CAT port. I am not sure which software I am going to use
> > yet, and I'm open to suggestions to that as well. My question,
> > however, is about using memory management at the same time as HRD. Can
> > I run both programs at the same time? If so, do any of the menu items
> > need to be changed? Also, does memory management software use the CAT
> > port, or one of the others. I'm sure this is being done, I just
> > haven't been able to find the answer.
> >
> > Thanks & 73,

> >
> > de Hank / KB4MTO
> >
> >
> > ---
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.0.238 / Virus Database: 270.12.8/2086 - Release Date: 04/29/09 06:37:00
> >
> >
>
>
>
> _____
> Try the all-new Yahoo! Mail. "The New Version is radically easier to use" ☐ The Wall Street Journal
> http://uk.docs.yahoo.com/nowyoucan.html
>

25860. Re: Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-30 01:11:41 UTC
From: Hank
Topic: 25855 Message: 25860

Nevermind, I just answered my own question. I will be using the same computer for both, so it will use the same cable.

Thanks for the info, I will be downloading FTBasicMMO later tonight.

Hank / KB4MTO

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> OK, that makes sense. I want to use memory management software so that I can easily manage my memories. I will definitely give FTBasicMMO a try.
>
> One last question; does FTBasicMMO use the CAT port? If so, can I plug it in the second CAT port on the LDG AT-897 tuner and leave it plugged in even if I am not using FTBasicMMO? I want to try to avoid having to swap cables around.
>
> Thanks and 73,
>
> Hank / KB4MTO
>
>
> --- In FT897@yahoogroups.com, Allan Godney <agodney@> wrote:
> >
> > Hello Hank
> >
> > There is no necessity to run HRD and the memory management software at
> > the same time as the memory management software simply stores the
> > channel information and CTCSS codes etc. in your FT897D, it is only run
> > to upload or download the channel information to or from your PC (you
> > can have as many file versions as you want!). There after you simply
> > press the V/M button on the top right of the FT897D and select the
> > channel required using the MEM/VFO ch knob. I have 135 beacons,
> > repeaters, satellite channels and simplex channels stored and available
> > for use at a press of the proverbial button! One more press of the V/M
> > button returns you back to where you were originally - maybe still in
> > HRD listening to a net on 20meters.
> > The software I recommend is FTBasicMMO available for download at
> > www.g4hfq.co.uk.
> > Enjoy!
> > Regards Allan M0CBG
> >
> > Hank wrote:
> > >
> > >
> > > I am currently controlling my 897D with HRD, and want to set up memory

> > > management software as well. I have the LDG AT-897 tuner, so I have an
> > > additional CAT port. I am not sure which software I am going to use
> > > yet, and I'm open to suggestions to that as well. My question,
> > > however, is about using memory management at the same time as HRD. Can
> > > I run both programs at the same time? If so, do any of the menu items
> > > need to be changed? Also, does memory management software use the CAT
> > > port, or one of the others. I'm sure this is being done, I just
> > > haven't been able to find the answer.
> > >
> > > Thanks & 73,
> > >
> > > de Hank / KB4MTO
> > >
> > >
> > > ---
> > >
> > >
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> > >
> > >
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> >
> >
> > _____
> > Try the all-new Yahoo! Mail. "The New Version is radically easier to use" ☐ The Wall Street Journal
> > http://uk.docs.yahoo.com/nowyoucan.html
> >
>

25861. Re: [FT897] Re: Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-29 20:06:35 UTC
From: Dan Schaaf
Topic: 25855 Message: 25861

Try this >>> n8vb vCom http://rds.yahoo.com/_ylt=A0geu8LAsfhJuhQBrgRXNyoA;_ylu=X3oDMTE0Zjkzdm1qBHNlYwNzcgRwb3MDOQRjb2xvA2FjMgR2dGlkA01BUDAwMl84OQ--/SIG=1223tidet/EXP=1241121600/**http%3a//gi0dvu.co.uk/Documents/HRD_Logger32.pdf

http://www.philcovington.com/SDR.html

Read the article. It is a software for virtual com port so that you can use one radio port and two softwares on the same port. It makes a virtual com port for one of the applications and uses the original com port for the other application

Vy 73, Dan K3ZXL
http://www.k3zxl.com
----- Original Message -----
From: m3pww
To: FT897@yahoogroups.com
Sent: Wednesday, April 29, 2009 3:51 PM
Subject: [FT897] Re: Memory Management Software

You will only be able to run either HRD or the memory management software as both require the cat port for use.

Paul
M3PWW

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I am currently controlling my 897D with HRD, and want to set up memory management software as well. I have the LDG AT-897 tuner, so I have an additional CAT port. I am not sure which software I am going to use yet, and I'm open to suggestions to that as well. My question, however, is about using memory management at the same time as HRD. Can I run both programs at the same time? If so, do any of the menu items need to be changed? Also, does memory management software use the CAT port, or one of the others. I'm sure this is being done, I just haven't been able to find the answer.
>
> Thanks & 73,
>
> de Hank / KB4MTO
>

[Non-text portions of this message have been removed]

25862. Re: [FT897] CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 20:21:07 UTC
From: Redd Legg
Topic: 25839 Message: 25862

GigaParts.com also sells a laminated "MiniManual" which is a quick reference for the radio. I don't leave home without it... It covers all of the essential functions and menu items. for when you're on the move.

73, Dean, KJ4LII

From: Danny Loyd <ke5wdi@...>
To: FT897@yahoogroups.com
Sent: Tuesday, April 28, 2009 4:14:00 PM
Subject: Re: [FT897] CTCSS CODES

Gary,

The CTCSS codes are included in the manual. As you probably already know, you just need to know the tone for your repeaters that you want to tune up and save. The FT897 I have is very easy to set-up for VHF repeater use. They give you step by step instructions in the manual.

Danny
KE5WDI

From: GARY <oldbiker@swbell. net>
To: FT897@yahoogroups. com
Sent: Monday, April 27, 2009 10:12:59 PM
Subject: [FT897] CTCSS CODES

Hello Group, I am in the final decision stage on buying a new FT-897D
so trying to learn what I can before making the big purchase. One of
the desirable things on theFT-897D is the VHF bands. On 2Meters are the
CTCSS codes available? I am not finding the feature in my research so
maybe just my oversight. Thnx in advance for the help. 73 GARY
KH6JMU

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25863. Re: [FT897] CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-28 20:35:37 UTC
From: Redd Legg
Topic: 25839 Message: 25863

Gary,

I HIGHLY recommend the 897/d. I'm a new Ham and it's my first radio. Just about everyone I talked to before my purchase recommended it. Can't beat it for versatility. Base, Mobile, Portable, Multi-Band, it does it all. Easy to setup and use. I was on 60m talking to the Bahamas the first night I had my General.

The jumper mod is a good idea as well. Gives you TX/RX capability in places it's restricted from the factory. I can mount mine in a vehicle and use it on ham bands and switch over to CB bands and drop the power if I want to talk to folks while on the road. Saved the installation of a second radio and antenna and bought a few extras for the 897/d.

The one thing I DON"T recommend is the Yaesu FC30 AutoTuner. Had one for 2 days and it bricked. It never worked the way it is advertised. Get the AT-897 from LDG instead. It's a much superior product at about 2/3 the price and it works better than advertised.

73, Dean KJ4LII

From: GARY <oldbiker@...>
To: FT897@yahoogroups.com
Sent: Monday, April 27, 2009 11:12:59 PM
Subject: [FT897] CTCSS CODES

Hello Group, I am in the final decision stage on buying a new FT-897D so trying to learn what I can before making the big purchase. One of the desirable things on theFT-897D is the VHF bands. On 2Meters are the CTCSS codes available? I am not finding the feature in my research so maybe just my oversight. Thnx in advance for the help. 73 GARY KH6JMU

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25864. Filters

Yahoo group: FT897 (2009)
Date: 2009-04-29 16:38:07 UTC
From: Randall
Topic: 25855 Message: 25864

I'm looking at getting a SSB InRad filter but can't decide on a 2.3 kHz 10 pole filter or a 2.0 kHz filter.

2.0 kHz seems a little tight. Would be used for PSK mostly.

Which would be a better buy ?

Thanks
Randall

25865. Re: [FT897] Memory Management Software

Yahoo group: FT897 (2009)
Date: 2009-04-29 15:26:27 UTC
From: Redd Legg
Topic: 25855 Message: 25865

Hank,

This is good software for memory management. Works with other Yaesu radios as well.

http://www.gigaparts.com/store.php?action=profile&sku=ZYS-ADMS-4B

On sale for $22.50 plus shipping right now. I'm assuming you already have the CT-62 interface cable. If not there is a package deal w/cable for $49.50 at:

http://www.gigaparts.com/store.php?action=profile&sku=ZYS-ADMS-4B-KIT

  You cannot run HRD and ADMS at the same time as ADMS uses the cat port with the radio in clone mode. Although I have not tried it, I would assume that when you turn the radio off and back on in clone mode that HRD would not have a problem with it. It will just not "see" the radio until you turn it back on in normal mode.

73, Dean KJ4LII

[Non-text portions of this message have been removed]

25866. Power spike in Output of 897D ?

Yahoo group: FT897 (2009)
Date: 2009-04-29 18:08:04 UTC
From: blakatosh
Topic: 25866 Message: 25866

Hello,

I'm trying to decide on a new rig for mobile and fixed operation. In the shack I will be driving amplifiers on the 3 VHF band. Each amp has slightly different drive requirement. I was told the FT-897D has a problem with a large spike in power when going from receive to transmit ? I may also use the rig to drive up converters for the higher frequencies. Wonder if this is a wide spread problem with 897D's and is there a fix ??

Thanks in advance ! 73

25867. Digital Modes/FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-04-29 00:12:42 UTC
From: Josh Smith
Topic: 25867 Message: 25867

Hi all,
I am wanting to play on some of the digital modes and amd wondering what the best way to get started is. I run linux on my PC and from what I have read fldigi is probably my best bet for the software. But what I am confused about is weather or not I am better off buying another piece of hardware (rig blaster or etc) or just using the packet interface on the ft-897D. And further more if I just use the packet interface on the 897D how do I interface it with the PC?

Thanks,
Josh Smith
KD8HRX

email/jabber: juicewvu@...
phone: 304.237.9369(c)

() ascii ribbon campaign - against html e-mail
/\ www.asciiribbon.org - against proprietary attachments

25868. Re: [FT897] NEW MEMBER

Yahoo group: FT897 (2009)
Date: 2009-04-28 21:23:28 UTC
From: Ron
Topic: 25840 Message: 25868

Hi Gary,

Welcome back to Ham Radio and to the group. I am relatively new to this group also, and have come back to Ham Radio after about 20 years away. I feel the same way that you do, as so much has changed.

I just purchased an FT-897D a few days ago. I like the radio very much. It has many nice features and is very flexible. I'm mostly into CW. I would highly recommend the optional filters for this radio, as with any rig, the filters are what make the rig what it is. I especially like the smooth tuning of this radio which others lack. This will be a keeper for me. Also, I have found that the LDG FT Meter is a very useful accessory to me.

I would definitely consider the 897, and if you are not sure, try to use one somewhere. It will sell itself. Now is a good time to buy, as there is a rebate offered until the end of the month (I think). Good luck and have fun!

Regards,

Ron WB9BDZ

[Non-text portions of this message have been removed]

25869. Help pls - best location of 4m vertical and various vertical aerials ??

Yahoo group: FT897 (2009)
Date: 2009-04-29 21:40:16 UTC
From: simon.worsley
Topic: 25869 Message: 25869

Hi all

I have 4 vertical base station antennas:

Sirio CX-4-68 for 4m

6, 2 and 70 tri-band colinear for packet on 2 and 70 and occasional 6m chat

Diamond X-510N 2 and 70 which is my main antenna for 2 and 70 chat

Ten metre vertical

Currently these four antennas are on 4 seperate aluminimum pole masts.

I want to reduce it to preferably two masts maximum.

I think best to leave the ten metre antenna on one mast on its own? And I am thinking of installing the 4m antenna, the tri-band colinear and the X-510n all on one mast which is made up of a 20foot 16g aluminium pole, joined to a ten foot aluminium 16g pole which will be guyed at a couple of places for strength in the winds.

So, here is my question. What order should I install these three antennas considering I mainly use 4m FM for chatting, and the big X-510n for chatting and the tri-band for a bit of packet?

Can I get away with installing them on one mast? The thing I am worried about is each antenna interacting with the other. How far should the aerials be spaced apart?

I suggested making a T bar off the one mast to add three verticals spaced apart by 2 foot - but a couple of locals have told me not to bother and connect it all to one mast but the antennas will be literally touching each other which mustnt be a good thing even though they are all insulated by fibreglass tubing?

Any help much appreciated ??

Thanks and greetings from a proud 897d user in London,

73s Simon

25870. Will the 897 Do The Job?

Yahoo group: FT897 (2009)
Date: 2009-04-29 00:12:59 UTC
From: va3xq
Topic: 25870 Message: 25870

Looking at picking up one of these radios but have a few question for all you long time users.
First off I want to use this for some satellite work, 2 meter and 440 FM and SSB modes, will this rig do that for me in cross band operation? I think it does 2 meter and 440 SSB as well as FM but getting that info seems tough to pull up. I looked at the manual and did not get the info on first read through
Will it work well with Ham Radio Deluxe? I guess there will always be some small issues but as a big time user of this software will the 897 connect and function properly?
Can I get good performance in crowded SSB situations or would I need a SSB filter? I know it's not a contest rig but like to cherry pick DX during the big ones
Have to sell my TS480HX first, then pick one up so thanks for any help

jeff
VA3XQ

25871. RE: [FT897] Will the 897 Do The Job?

Yahoo group: FT897 (2009)
Date: 2009-04-30 02:54:56 UTC
From: Michael Walker (VA3MW)
Topic: 25870 Message: 25871

Jeff

Short summary. You get what you pay for.

The TS480 is a much much better radio. I know because I own both. The FT897 is a good radio, but more like a swiss army knife. Good at a lot of things, but not great at anything. If you want it for crowded 20M, the 480 is much better hands down. You could sell your HX and pick up a non-hx and use the difference towards a proper satellite rig.

It will be hard to do satellite ssb work if you can't hear your downlink. It is better if you can run full duplex.

You would be better off trying to find a used satellite radio (model numbers escape me at the moment). Yaesu did make a few of them.

It works great with HRD.

Mike VA3MW

From: va3xq [mailto:va3xq@...]
Sent: Tuesday, April 28, 2009 8:13 PM
To: FT897@yahoogroups.com
Subject: [FT897] Will the 897 Do The Job?

Looking at picking up one of these radios but have a few question for all you long time users.
First off I want to use this for some satellite work, 2 meter and 440 FM and SSB modes, will this rig do that for me in cross band operation? I think it does 2 meter and 440 SSB as well as FM but getting that info seems tough to pull up. I looked at the manual and did not get the info on first read through
Will it work well with Ham Radio Deluxe? I guess there will always be some small issues but as a big time user of this software will the 897 connect and function properly?
Can I get good performance in crowded SSB situations or would I need a SSB filter? I know it's not a contest rig but like to cherry pick DX during the big ones
Have to sell my TS480HX first, then pick one up so thanks for any help

jeff
VA3XQ

[Non-text portions of this message have been removed]

25872. [FT897] 897D with LDG Meter for Sale

Yahoo group: FT897 (2009)
Date: 2009-04-30 03:23:06 UTC
From: KD8CCX - Adam Filkins
Topic: 25855 Message: 25872

Hello All,
A member of our local club is selling their FT897D. The rig is very clean, and not even a year old. Along with all of the manuals, mic and other accessories out of the box comes an LDG meter. He is asking $795.00 for all. (Original boxes included).

If interested, let me know and I'll put you in touch with him.

73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

[Non-text portions of this message have been removed]

25873. Re: [FT897] Will the 897 Do The Job?

Yahoo group: FT897 (2009)
Date: 2009-04-30 04:25:52 UTC
From: Jim C
Topic: 25870 Message: 25873

I have one and it is neat, however, I like my Icom 746pro better because
I don't have to remember how to get from one menu to another.

va3xq wrote:
>
>
> Looking at picking up one of these radios but have a few question for
> all you long time users.
> First off I want to use this for some satellite work, 2 meter and 440
> FM and SSB modes, will this rig do that for me in cross band
> operation? I think it does 2 meter and 440 SSB as well as FM but
> getting that info seems tough to pull up. I looked at the manual and
> did not get the info on first read through
> Will it work well with Ham Radio Deluxe? I guess there will always be
> some small issues but as a big time user of this software will the 897
> connect and function properly?
> Can I get good performance in crowded SSB situations or would I need a
> SSB filter? I know it's not a contest rig but like to cherry pick DX
> during the big ones
> Have to sell my TS480HX first, then pick one up so thanks for any help
>
> jeff
> VA3XQ
>
>

25874. Re: [FT897] Filters

Yahoo group: FT897 (2009)
Date: 2009-04-30 07:01:54 UTC
From: Richard Corfield
Topic: 25855 Message: 25874

I don't notice too much effect with the 2.3 over the internal filter.
(The 500 for CW is great!)

- Richard M0RJC

2009/4/29 Randall <N0UTJ@...>

>
>
>
>
> I'm looking at getting a SSB InRad filter but can't decide on a 2.3 kHz 10
> pole filter or a 2.0 kHz filter.
>
> 2.0 kHz seems a little tight. Would be used for PSK mostly.
>
> Which would be a better buy ?
>
> Thanks
> Randall
>
>
>

[Non-text portions of this message have been removed]

25875. RE: [FT897] Digital Modes/FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-04-30 08:18:22 UTC
From: davekh@cix.co.uk
Topic: 25867 Message: 25875

Hi Josh
I have an Acer netbook that is running Ubuntu UNR Linux - (a remix to suit the hardware - but otherwise an ordinary Linux). I use the standard cables to connect to my FT817/FT897 and the extra software that needs including is Hamlib which should be in your list of installable software. Try with standard cables first, at least you've not had to buy anything more then.

Once Hamlib is in - you can configure it via FLDIGI easily choosing the model of radio your using (897) and the port - I use mine via a USB to serial adaptor. It all just worked - but I appreciate thats not everyones experience. FLdigi will talk using other software interface but I've no experience of them.

I do have a Rig expert Tiny which is USB and use it long-term connected to my FT897nd and Windows XP box. I've had occasional goes at getting it to work with Linux (dual-booting the above) and some success - in that case it was PCLinuxOS with Hamlib installed. I'm no programmer - mores the pity, but Hamlib might be extended to talk to Rigexpert gear? Which would be nice.

Aside from FLDIGI which I think has the neatest interface, there is gMFSK which has similar capabilities and worth a play.

I'm away for the weekend and intend doing some QRP RTTY operation on 20m in the ARI DX contest with the 817.. the '897 stays home.

Hope that helps & 73s
Dave H G0CER

==========
Original Message

Hi all,
I am wanting to play on some of the digital modes and amd wondering what the best way to get started is. I run linux on my PC and from what I have read fldigi is probably my best bet for the software. But what I am confused about is weather or not I am better off buying another piece of hardware (rig blaster or etc) or just using the packet interface on the ft-897D. And further more if I just use the packet interface on the 897D how do I interface it with the PC?

Thanks,
Josh Smith
KD8HRX

email/jabber: juicewvu@...
phone: 304.237.9369(c)

() ascii ribbon campaign - against html e-mail
/\ www.asciiribbon.org - against proprietary attachments

Yahoo! Groups Links

25876. Re: [FT897] Digital Modes/FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-04-30 11:02:42 UTC
From: Josh Smith
Topic: 25867 Message: 25876

Dave,
Thanks for the reply. I have one more quick question regarding how
you have the laptop and radio interfaced. Can you please expand on
what you mean when you say you are using "the standard cables"? What
ports on the radio are connected to the radio, just the CAT port or
just the Data port or both?

Thanks,
Josh Smith
KD8HRX

email/jabber: juicewvu@...
phone: 304.237.9369(c)

() ascii ribbon campaign - against html e-mail
/\ www.asciiribbon.org - against proprietary attachments

On Thu, Apr 30, 2009 at 4:18 AM, <davekh@...> wrote:
> Hi Josh
> I have an Acer netbook that is running Ubuntu UNR Linux - (a remix to
> suit the hardware - but otherwise an ordinary Linux). I use the standard cables
> to connect to my FT817/FT897 and the extra software that needs including
> is Hamlib which should be in your list of installable software. Try with standard
> cables first, at least you've not had to buy anything more then.
>
> Once Hamlib is in - you can configure it via FLDIGI easily choosing the model
> of radio your using (897) and the port - I use mine via a USB to serial
> adaptor. It all just worked - but I appreciate thats not everyones
> experience. FLdigi will talk using other software interface but I've no
> experience of them.
>
> I do have a Rig expert Tiny which is USB and use it long-term connected
> to my FT897nd and Windows XP box. I've had occasional goes at getting it
> to work with Linux (dual-booting the above) and some success - in that
> case it was PCLinuxOS with Hamlib installed. I'm no programmer - mores
> the pity, but Hamlib might be extended to talk to Rigexpert gear? Which
> would be nice.
>
> Aside from FLDIGI which I think has the neatest interface, there is gMFSK
> which has similar capabilities and worth a play.
>
> I'm away for the weekend and intend doing some QRP RTTY operation on 20m
> in the ARI DX contest with the 817.. the '897 stays home.
>
> Hope that helps & 73s
> Dave H G0CER

>
> ==
> Original Message
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> I am wanting to play on some of the digital modes and amd wondering
> what the best way to get started is. I run linux on my PC and from
> what I have read fldigi is probably my best bet for the software. But
> what I am confused about is weather or not I am better off buying
> another piece of hardware (rig blaster or etc) or just using the
> packet interface on the ft-897D. And further more if I just use the
> packet interface on the 897D how do I interface it with the PC?
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> Thanks,
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> email/jabber: juicewvu@...
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> Yahoo! Groups Links
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25877. RE: [FT897] Power spike in Output of 897D ?

Yahoo group: FT897 (2009)
Date: 2009-04-30 12:51:16 UTC
From: D. F.
Topic: 25866 Message: 25877

IMO, the 897 is too big to use as a mobile. You may want to look at the 857 since it is the same radio only in a mobile package and works well as a base as well. The 897 is basically a base/PORTABLE rig. I have not heard about any power spikes with either radio, but someone else may be able to clarify.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of blakatosh
Sent: Wednesday, April 29, 2009 13:08
To: FT897@yahoogroups.com
Subject: [FT897] Power spike in Output of 897D ?

Hello,

I'm trying to decide on a new rig for mobile and fixed operation. In the shack I will be driving amplifiers on the 3 VHF band. Each amp has slightly different drive requirement. I was told the FT-897D has a problem with a large spike in power when going from receive to transmit ? I may also use the rig to drive up converters for the higher frequencies. Wonder if this is a wide spread problem with 897D's and is there a fix ??

Thanks in advance ! 73

[Non-text portions of this message have been removed]

25878. Re: [FT897] Power spike in Output of 897D ?

Yahoo group: FT897 (2009)
Date: 2009-04-30 13:00:34 UTC
From: Jim C
Topic: 25866 Message: 25878

I think for mobile one with a detachable face plate would be good.
Yeasu makes them too

D. F. wrote:
>
>
> IMO, the 897 is too big to use as a mobile. You may want to look at the
> 857 since it is the same radio only in a mobile package and works well
> as a base as well. The 897 is basically a base/PORTABLE rig. I have not
> heard about any power spikes with either radio, but someone else may be
> able to clarify.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> blakatosh
> Sent: Wednesday, April 29, 2009 13:08
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Power spike in Output of 897D ?
>
>
> Hello,
>
> I'm trying to decide on a new rig for mobile and fixed operation. In the
> shack I will be driving amplifiers on the 3 VHF band. Each amp has
> slightly different drive requirement. I was told the FT-897D has a
> problem with a large spike in power when going from receive to transmit
> ? I may also use the rig to drive up converters for the higher
> frequencies. Wonder if this is a wide spread problem with 897D's and is
> there a fix ??
>
> Thanks in advance ! 73
>
> [Non-text portions of this message have been removed]
>
>

25879. Re: [FT897] Filters

Yahoo group: FT897 (2009)
Date: 2009-04-30 13:08:48 UTC
From: af2c@njdxa.org
Topic: 25855 Message: 25879

Randall -

There would be no significant difference between running the internal filter and installing a 2.3 kHz filter. However, if you are an avid SSB operator, the 2.0 kHz filter would be the filter of choice.

Another advantage of the 2.0 kHz filter would be better performance on the digital modes.

If you're inclined to work CW...the 500 Hz filter would be a very wise choice.

73,
Jay/AF2C

At 11:38 AM 4/29/2009 -0500, you wrote:

>I'm looking at getting a SSB InRad filter but can't decide on a 2.3 kHz 10
>pole filter or a 2.0 kHz filter.
>
>2.0 kHz seems a little tight. Would be used for PSK mostly.
>
>Which would be a better buy ?
>
>Thanks
>Randall
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 8.5.287 / Virus Database: 270.12.9/2087 - Release Date: 04/29/09
>18:03:00

[Non-text portions of this message have been removed]

25880. RE: [FT897] Will the 897 Do The Job?

Yahoo group: FT897 (2009)
Date: 2009-04-30 13:21:34 UTC
From: D. F.
Topic: 25870 Message: 25880

As Yaesu states, the 897 is an ALL BAND - ALL MODE radio. It does AM, FM, SSB, PAKET, PSK 31, CW, and basically all digital modes. It DOES NOT, however, do CROSSBAND. It DOES have SPLIT FEQUENCY capabilities, which MAY be ok for satellite work, but the Doppler Shift would probably need to be done manually. Yes, you can TX on 2m and RX on 70cm in split mode or vice versa. You CAN SPLIT FREQUENCY ANY 2 bands you want.

It will work and connect just fine with HRD.

As far as "crowded SSB" goes, it really doesn't matter what radio you use. A crowd is a crowd. You will still hear everyone keying over each other.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Walker (VA3MW)
Sent: Wednesday, April 29, 2009 21:55
To: FT897@yahoogroups.com
Subject: RE: [FT897] Will the 897 Do The Job?

Jeff

Short summary. You get what you pay for.

The TS480 is a much much better radio. I know because I own both. The FT897 is a good radio, but more like a swiss army knife. Good at a lot of
things, but not great at anything. If you want it for crowded 20M, the 480
is much better hands down. You could sell your HX and pick up a non-hx and
use the difference towards a proper satellite rig.

It will be hard to do satellite ssb work if you can't hear your downlink.
It is better if you can run full duplex.

You would be better off trying to find a used satellite radio (model numbers
escape me at the moment). Yaesu did make a few of them.

It works great with HRD.

Mike VA3MW

From: va3xq [mailto:va3xq@yahoo. <mailto:va3xq%40yahoo.ca> ca]
Sent: Tuesday, April 28, 2009 8:13 PM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] Will the 897 Do The Job?

Looking at picking up one of these radios but have a few question for all
you long time users.
First off I want to use this for some satellite work, 2 meter and 440 FM and
SSB modes, will this rig do that for me in cross band operation? I think it
does 2 meter and 440 SSB as well as FM but getting that info seems tough to
pull up. I looked at the manual and did not get the info on first read through
Will it work well with Ham Radio Deluxe? I guess there will always be some
small issues but as a big time user of this software will the 897 connect
and function properly?
Can I get good performance in crowded SSB situations or would I need a SSB
filter? I know it's not a contest rig but like to cherry pick DX during the
big ones
Have to sell my TS480HX first, then pick one up so thanks for any help

jeff
VA3XQ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25881. RE: [FT897] Power spike in Output of 897D ?

Yahoo group: FT897 (2009)
Date: 2009-04-30 13:24:28 UTC
From: D. F.
Topic: 25866 Message: 25881

The 857 HAS a removable faceplate, AND, depending on where you buy it,
you CAN get the faceplate mounting kit included (usually no extra cost).

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Jim C
Sent: Thursday, April 30, 2009 08:01
To: FT897@yahoogroups.com
Subject: Re: [FT897] Power spike in Output of 897D ?

I think for mobile one with a detachable face plate would be good.
Yeasu makes them too

D. F. wrote:
>
>
> IMO, the 897 is too big to use as a mobile. You may want to look at
the
> 857 since it is the same radio only in a mobile package and works well
> as a base as well. The 897 is basically a base/PORTABLE rig. I have
not
> heard about any power spikes with either radio, but someone else may
be
> able to clarify.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> blakatosh
> Sent: Wednesday, April 29, 2009 13:08
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Power spike in Output of 897D ?
>
>
> Hello,
>
> I'm trying to decide on a new rig for mobile and fixed operation. In
the

> shack I will be driving amplifiers on the 3 VHF band. Each amp has
> slightly different drive requirement. I was told the FT-897D has a
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transmit
> ? I may also use the rig to drive up converters for the higher
> frequencies. Wonder if this is a wide spread problem with 897D's and
is
> there a fix ??
>
> Thanks in advance ! 73
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

25882. Re: CTCSS CODES

Yahoo group: FT897 (2009)
Date: 2009-04-30 14:06:23 UTC
From: George
Topic: 25839 Message: 25882

I totally agree with your statement about the great radio, but keep in mind what your doing is illegal. The FT897 is not type accepted by the FCC for the 11m CB band whether you crank down the power on the radio or not. That is why the factory settings don't allow you to transmit there.

The FC30 tuner works okay for what it is, but you can get much better tuners of the same or lesser price that do a much better job. I would never recomend it.

Back to the original question, the tones are available. I would suggest you look at the manual for the radio (available as a pdf on this site or thru Yaesu's web site) to get a little better idea what it is able to do. There are other radios with a lower noise floor, with more power, with better DSP's, etc but when you put them all those radio's together and compare features and prices I dont think there is a better all around radio in its price range.

George
kc0woa

--- In FT897@yahoogroups.com, Redd Legg <redleg_8@...> wrote:
>
> Gary,
>
>   I HIGHLY recommend the 897/d. I'm a new Ham and it's my first radio. Just about everyone I talked to before my purchase recommended it. Can't beat it for versatility. Base, Mobile, Portable, Multi-Band, it does it all. Easy to setup and use. I was on 60m talking to the Bahamas the first night I had my General.
>
>   The jumper mod is a good idea as well. Gives you TX/RX capability in places it's restricted from the factory. I can mount mine in a vehicle and use it on ham bands and switch over to CB bands and drop the power if I want to talk to folks while on the road. Saved the installation of a second radio and antenna and bought a few extras for the 897/d.
>
> The one thing I DON"T recommend is the Yaesu FC30 AutoTuner. Had one for 2 days and it bricked. It never worked the way it is advertised. Get the AT-897 from LDG instead. It's a much superior product at about 2/3 the price and it works better than advertised.
>
> 73, Dean KJ4LII
>
>
>
>
> _____
> From: GARY <oldbiker@...>
> To: FT897@yahoogroups.com
> Sent: Monday, April 27, 2009 11:12:59 PM
> Subject: [FT897] CTCSS CODES

>
>
>
>
>

25883. Re: Filters

Yahoo group: FT897 (2009)
Date: 2009-04-30 14:14:48 UTC
From: George
Topic: 25855 Message: 25883

I have not run filters myself, but from all the reports I have heard/seen on this site the 2.3 filter does not give much benefit beyond what is available in a stock non-filtered radio. Most people that have installed it say it is probably not worth the price. The 2.0 filter however does give a noticible gain over what is available without it according to most. Some people still question its worth compaired with price, but atleast you are getting an improvement with it.

George
kc0woa

--- In FT897@yahoogroups.com, "Randall" <N0UTJ@...> wrote:
>
>
>
> I'm looking at getting a SSB InRad filter but can't decide on a 2.3 kHz 10
> pole filter or a 2.0 kHz filter.
>
> 2.0 kHz seems a little tight. Would be used for PSK mostly.
>
> Which would be a better buy ?
>
> Thanks
> Randall
>

25884. RE: [FT897] Power spike in Output of 897D ?

Yahoo group: FT897 (2009)
Date: 2009-04-30 14:24:36 UTC
From: Ken Bandy
Topic: 25866 Message: 25884

It seems I remember talk about a spike on key up when on AM mode. It's been some time ago, so I don't remember all the details.

73,
Ken
KJ9B

-----Original Message-----
From: D. F. [mailto:n8bmb1@...]
Sent: Thursday, April 30, 2009 8:51 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Power spike in Output of 897D ?

IMO, the 897 is too big to use as a mobile. You may want to look at the 857 since it is the same radio only in a mobile package and works well as a base as well. The 897 is basically a base/PORTABLE rig. I have not heard about any power spikes with either radio, but someone else may be able to clarify.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of blakatosh
Sent: Wednesday, April 29, 2009 13:08
To: FT897@yahoogroups.com
Subject: [FT897] Power spike in Output of 897D ?

Hello,

I'm trying to decide on a new rig for mobile and fixed operation. In the shack I will be driving amplifiers on the 3 VHF band. Each amp has slightly different drive requirement. I was told the FT-897D has a problem with a large spike in power when going from receive to transmit ? I may also use the rig to drive up converters for the higher frequencies. Wonder if this is a wide spread problem with 897D's and is there a fix ??

Thanks in advance ! 73

25885. Re:Digital Modes/FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-04-30 14:24:01 UTC
From: Michael Babineau
Topic: 25867 Message: 25885

My response to Josh, forgot to copy the group .. so here it is.

Michael VE3WMB

Begin forwarded message:

> From: Michael Babineau <mbabineau@...>
> Date: April 30, 2009 8:09:42 AM GMT-04:00
> To: juicewvu@...
> Subject: Re:Digital Modes/FLDIGI
>
> Josh :
>
> I am not sure if you got direct answer to your question yet. Yes,
> you do need an interface box to interconnect the FT897 and your
> computer.,
> primarily to ensure that you have proper isolation so that you don't
> end up with a hum or other such artifacts in the audio.
>
> Personally I have experience with the original RigBlaster, the
> SignalLink SL1+ and the SignalLink USB interfaces. All of these
> products
> are well made and reliable (my RigBlasters are 10 years old and
> still working).
>
> I would recommend the SignalLink boxes as they provide isolation for
> both audio in and out of the computer (the original RigBlaster did
> not do both but maybe
> the newer models do) and a method to trigger PTT on the radio.
>
> I personally like the ease of use of the SignalLink USB and it
> should work for you as long as you have a standard Linux Distro.
>
> http://www.tigertronics.com/slusbmain.htm
>
> I also highly recommend fldigi, it is an excellent program. I have
> run it on Windows, on Linpus Linux on an Acer Aspire One Netbook
> (based on Fedora Core 8)
> and now on a MacBook Pro running Mac OS X and it works great.
>
> The good thing about the SignalLink USB is that that you do not have
> to rely on the soundcard in your computer, it has its own high
> quality sound HW
> as well as external level adjustments for audio in and out which
> really simplifies things (you don't have to continuously adjust the
> slider controls in

> the mixer app on your computer). Also it gets its power from the USB
> connection so there are no additional power cables required. The
> wiring instructions
> are very simple, they provide a very clear diagram for the internal
> connection block and small jumpers to make the connections. The
> wiring for the 6 pin min-din
> is standardized for all radios that use this data connector. If you
> go with the SignalLink USB you will want to order SLUSB6PM as this
> will give you the right
> cable to connect the box to the rig via the rear data port of the
> FT897D.
>
> SLUSB6PM - For 6-pin mini DIN Data / Accessory Port Connector
>
> Best of luck and give a holler if you need help or have any questions.
>
> Cheers,
>
> Michael VE3WMB / VA2NB

[Non-text portions of this message have been removed]

25886. Re: [FT897] Digital Modes/FLDIGI

Yahoo group: FT897 (2009)
Date: 2009-04-30 22:50:00 UTC
From: David Harris
Topic: 25867 Message: 25886

Hi Josh
The 2 cables I use include one which goes to the soundcard in and out and plugs into th DATA port (which I think I made from a computer mouse cable). The other is the serial cable which plugs into the ACC socket and was bought.

Be sure to checkout the manual page 36. If you've not got it..
See..
http://www.scribd.com/doc/8739123/Yaesu-ft897-manual
Amongst others.

There are probably other ways to go about this - like using the Mic socket.

73 de Dave H G0CER

25887. One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-01 00:01:26 UTC
From: tenorman1952
Topic: 25887 Message: 25887

I've found the MH-36 to be a waste of buttons, at least with my FT-897.

People keep telling me I can program some of the buttons, but for the life of me, I can't find anything telling me how.

All I've been able to get from Yaesu is a diagram of the mic with labels of what the buttons are supposed to do. Neither that nor the FT-897 manual are of any help. The 897 manual's only mention of the MH-36 E8J is the listing of it as an available option on page 3. It is also listed as an option on page 3 of the FT-897D manual.

The FT-897 manual, page 61, uder Menus 68, 69, 70 says:

MENU MODE
No□068 [PG ACC]
Not available at this time.

MENU MODE
No□069 [PG P1]
Not available at this time.

MENU MODE
No□070 [PG P2]
Not available at this time.

The FT-897D manual, page 61, under Menus 68, 69, 70 says:

MENU MODE No□068 [PG ACC]

Function: Programming the optional MH-59A8J microphone's [ACC] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.
Default: MONI

MENU MODE No□069 [PG P1]

Function: Programming the optional MH-59A8J microphone's [P1] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.

Default: Q.SPL

MENU MODE No□070 [PG P2]

Function: Programming the optional MH-59A8J microphone's [P2] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.

Default: TCALL

Now, this is interesting, but the MH-59 is NOT listed as one of the available options, but the MH-36 is, in both the 897 and 897D manuals.

On the other hand, the similar MH-48 with my Yaesu FT-2800M does all kinds of neat tricks. I just can't get the MH-36 to do the same with the 897. Makes me wonder why they even sell that mic for the 897.

I picked up a MH-31 and use that now with the 897.

Paul
AE5JU

25888. Re: [FT897] One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-01 00:57:11 UTC
From: Redd Legg
Topic: 25887 Message: 25888

Paul,

Press F key to get in to Menu Mode

Go to Menu 1

Make sure Extended Menus are ON

Go to Menu 65

Using the VFO knob, select the function for the button

Repeat for Menu items 66 - 70 where your mic has the applicable button.

You're done...

(I have the 59 so I don't know what buttons you have)
73, Dean KJ4LII

From: tenorman1952 <tenorman1952@...>
To: FT897@yahoogroups.com
Sent: Thursday, April 30, 2009 8:01:26 PM
Subject: [FT897] One more time, how to use the MH-36 with 897

I've found the MH-36 to be a waste of buttons, at least with my FT-897.

People keep telling me I can program some of the buttons, but for the life of me, I can't find anything telling me how.

All I've been able to get from Yaesu is a diagram of the mic with labels of what the buttons are supposed to do. Neither that nor the FT-897 manual are of any help. The 897 manual's only mention of the MH-36 E8J is the listing of it as an available option on page 3. It is also listed as an option on page 3 of the FT-897D manual.

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No•068 [PG ACC]
Not available at this time.

MENU MODE
No•069 [PG P1]
Not available at this time.

MENU MODE
No•070 [PG P2]
Not available at this time.

The FT-897D manual, page 61, under Menus 68, 69, 70 says:

MENU MODE No•068 [PG ACC]

Function: Programming the optional MH-59A8J microphone's [ACC] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.
Default: MONI

MENU MODE No•069 [PG P1]

Function: Programming the optional MH-59A8J microphone's [P1] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.

Default: Q.SPL

MENU MODE No•070 [PG P2]

Function: Programming the optional MH-59A8J microphone's [P2] button assignment.

Available Values: All Multi Functions, all Menu Items (except Menu #065 through 070), MONI, Q.SPL, TCALL, ATC and USER.

Default: TCALL

Now, this is interesting, but the MH-59 is NOT listed as one of the available options, but the MH-36 is, in both the 897 and 897D manuals.

On the other hand, the similar MH-48 with my Yaesu FT-2800M does all kinds of neat tricks. I just can't get the MH-36 to do the same with the 897. Makes me wonder why they even sell that mic for the 897.

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Paul
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[Non-text portions of this message have been removed]

25889. Re: [FT897] One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-01 03:04:56 UTC
From: Redd Legg
Topic: 25887 Message: 25889

Forgot one thing.... Menu 59 must be set to RMT
 73, Dean KJ4LII

[Non-text portions of this message have been removed]

25890. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-05-01 07:51:23 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 25890

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

25891. Re: One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-01 17:11:34 UTC
From: tenorman1952
Topic: 25887 Message: 25891

Straight up trade, anyone...

My MH-36E8J for an MH-31A8J. I can use a spare MH-31.

Paul AE5JU

tenorman1952 at yahoo dot com

25892. Re: One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-01 18:15:52 UTC
From: tenorman1952
Topic: 25887 Message: 25892

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> Straight up trade, anyone...
>
> My MH-36E8J for an MH-31A8J. I can use a spare MH-31.
>
> Paul AE5JU

SOLD AMERICAN!!!

Jack's got it, he was the first to respond.

Paul

25893. Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-01 23:54:44 UTC
From: w6ur
Topic: 25893 Message: 25893

Hi all,

Does anyone know of a replacement fan for the FT-897D that runs quieter than the stock fan? When mine comes on in xmit the noise 'blows me away' ;). I used to have an FT-450 which you couldn't even hear the fan.

TIA

Lou - W6UR

25894. RE: [FT897] Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-02 07:17:48 UTC
From: Dr Mark Vaughan
Topic: 25893 Message: 25894

It's because they need a high air flow through a small fan, that is always going to be noisy, and this fan is pretty small.

There may be a slightly quieter fan, but usually the biggest noise drop happens due to less air flow and that would be bad for the radio, in some machines you can use variable speed so it's quiet if the radio's in a cool place, but this radio tends to get pretty hot even with its fan so I don't think there's much margin to be had there.

If it was an 857 you could remove the head, plug in an external speaker and put the radio body somewhere you can't hear it.

You may find that the location you sit the radio is reflecting some noise back at you perhaps from the wall behind which a softer finish for like foam (but don't block the vents might ease the noise, there are also sound deadening baffles for larger fans but I've never seen them on fans this small.

Swapping for another fan though could be risky, data for fans varying wildly with air speed volume etc. minor changes of which have no change with some heat sinks and massive change with others. This can mean that sometimes a slower air flow is better since there is more time for the heat to transfer to the air and less surface turbulence which tends to acts as an insulative barrier. You could experiment here but be careful you don't fry the radio.

The only other option is going to be a complete redesign of the thermal cooling system and that's going to result in a bigger radio, less noise = slower air flow = bigger heat sink etc etc., big enough heat sink and you won't need a fan.

The safest way may be to put up with it

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w6ur
Sent: 02 May 2009 00:55
To: FT897@yahoogroups.com
Subject: [FT897] Quieter Fan for 897D

Hi all,

Does anyone know of a replacement fan for the FT-897D that runs quieter than the stock fan? When mine comes on in xmit the noise 'blows me away' ;). I used to have an FT-450 which you couldn't even hear the fan.

TIA

Lou - W6UR

[Non-text portions of this message have been removed]

25895. Re: [FT897] Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-02 18:51:44 UTC
From: Lou Roux
Topic: 25893 Message: 25895

Mark,

Thanks for the descriptive answer, I was afraid that was the case but thought maybe someone had come up with a quieter fan.

In my case the back of the radio is about 11-12 inches away from the wall but plenty of air circulation on each side, of course that amplifies the sound. Guess I'll have to live with it or maybe knock a hole thru the wall into the bathroom behind it.... naw guess that wouldn't work either. :-D

Best 73,

Lou - W6UR

Dr Mark Vaughan wrote:
> It's because they need a high air flow through a small fan, that is always
> going to be noisy, and this fan is pretty small.
>
> There may be a slightly quieter fan, but usually the biggest noise drop
> happens due to less air flow and that would be bad for the radio, in some
> machines you can use variable speed so it's quiet if the radio's in a cool
> place, but this radio tends to get pretty hot even with its fan so I don't
> think there's much margin to be had there.
>
>
>
> If it was an 857 you could remove the head, plug in an external speaker and
> put the radio body somewhere you can't hear it.
>
> You may find that the location you sit the radio is reflecting some noise
> back at you perhaps from the wall behind which a softer finish for like foam
> (but don't block the vents might ease the noise, there are also sound
> deadening baffles for larger fans but I've never seen them on fans this
> small.
>
> Swapping for another fan though could be risky, data for fans varying wildly
> with air speed volume etc. minor changes of which have no change with some
> heat sinks and massive change with others. This can mean that sometimes a
> slower air flow is better since there is more time for the heat to transfer
> to the air and less surface turbulence which tends to acts as an insulative
> barrier. You could experiment here but be careful you don't fry the radio.
>
> The only other option is going to be a complete redesign of the thermal
> cooling system and that's going to result in a bigger radio, less noise =
> slower air flow = bigger heat sink etc etc., big enough heat sink and you

> won't need a fan.
>
>
>
> The safest way may be to put up with it
>
>
>
> 73 Mark
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
>
> Managing Director
>
> Vaughan Industries Ltd., reg in UK no 2561068
>
> Water Care Technology Ltd, reg in UK no 4129351
>
> Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
>
> Phone/Fax 44 (0) 1872 561288
>
> RSGB DRM111 (Cornwall)
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w6ur
> Sent: 02 May 2009 00:55
> To: FT897@yahoogroups.com
> Subject: [FT897] Quieter Fan for 897D
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>
> Hi all,
>
> Does anyone know of a replacement fan for the FT-897D that runs quieter than
> the stock fan? When mine comes on in xmit the noise 'blows me away' ;). I
> used to have an FT-450 which you couldn't even hear the fan.
>
> TIA
>
> Lou - W6UR
>

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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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25896. Re: MH-59 Mic locks up transmit

Yahoo group: FT897 (2009)
Date: 2009-05-01 16:22:57 UTC
From: motorbike1967
Topic: 13667 Message: 25896

i ahve smae problem with 857 ther s is aa fix but ried witha washer as torrod but not worked for em heres the link http://www.ae7q.net/doc/public/MH-59.php

-- In FT897@yahoogroups.com, "SGT Hopwood, Michael" <michael.hopwood@...> wrote:
>
> I just purchased a brand new MH-59 Remote Mic, I set up the radio to RMT and
> all is well unit I transmit in or around 6 meters. When I do it locks up the
> transmit. The only way to stop transmitting is to either unplug the mic or
> turn the radio off. I hooked up my regular MH-31 and set the radio back to
> NOR and no problem works just fine, like it is supposed to. Is it possible I
> might have gotten a bad mic or is there something else going on with this?
> Also, I noticed it doesn't matter what mode I put the radio in when I key up
> with the MH-59 it changes it to FM. Further investigation into the problem
> is it will do it if my vfo a/b is in the 30 mhz range or I am trying to
> transmit in that range. Like I said, I only have that problem with the
> MH-59, not my MH-31. Any help with this would be greatly appreciated. Thank
> you.
>
>
>
> Michael D. Hopwood Jr.
>
> Sergant, US ARMY, 45K2O
>
> Amateur Radio - KE5EUA
>
> MARS - AAR6VC/T
>
> Just a matter of time before I get to play in the big sandbox again
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25897. Re: [FT897] Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-02 00:13:04 UTC
From: mjsinger1@aol.com
Topic: 25893 Message: 25897

Let me know the fan model and I will try to cross it for you. If I have one
I will send it to you for free to keep if you provide me with feedback.
N6MJS

In a message dated 5/1/2009 4:55:54 P.M. Pacific Daylight Time,
lrouxx@... writes:

Hi all,

Does anyone know of a replacement fan for the FT-897D that runs quieter
than the stock fan? When mine comes on in xmit the noise 'blows me away' ;).
I used to have an FT-450 which you couldn't even hear the fan.

TIA

Lou - W6UR

**********Join ChristianMingle.com® FREE! Meet Christian Singles in
your area. Start now!
(http://pr.atwola.com/promoclk/100126575x1221673648x1201419171/aol?redir=http://www.christianmingle.com/campaign.html%3Fcat%3Dadbuy%26
src%3Dplatforma%26adid%3Dfooter:050109%26newurl%3Dreg_path.html)

[Non-text portions of this message have been removed]

25898. how to receive while keying

Yahoo group: FT897 (2009)
Date: 2009-05-02 14:38:16 UTC
From: Tony Bradshaw
Topic: 25898 Message: 25898

Elmers,
Can anyone tell me how to set up the FT897 so that it will allow me to still receive (being able to hear what is on frequency) while I am transmitting CW? That is, if this is even possible...? Said another way, if I hit the key, I will still be able to hear another keyer at the same time. Right now, when I key, the sound goes silent and I'd prefer to just continually be able to hear what is happening on frequency.
73,
Tony Bradshaw
KI6KPY

[Non-text portions of this message have been removed]

25899. A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-04-30 17:17:03 UTC
From: lsloth2002
Topic: 25899 Message: 25899

I swear I saw a message on this list that said that an after market A123 battery back would be made available soon for the FT-897. I can not find the message now. Has anyone heard anything new about this or am I going crazy and making up emails that never existed?

-James
KE5SWU

25900. RE: [FT897] Filters

Yahoo group: FT897 (2009)
Date: 2009-04-30 14:50:23 UTC
From: Randall
Topic: 25855 Message: 25900

Edited for typo.....

I'm looking at getting a SSB InRad filter but can't decide on a 2.3 kHz 10 pole filter or a 2.0 kHz filter.

2.0 kHz seems a little tight. Would be used for ssb.

Which would be a better buy ?

Also, are the filters for the FT-817 interchangeable with the 897 ?

Thanks
Randall

25901. MY EXPERENCE WITH MY FT-897D,

Yahoo group: FT897 (2009)
Date: 2009-05-02 07:05:53 UTC
From: chuckn4ued
Topic: 25901 Message: 25901

I WRITE IN CAPS BECAUSE I HAVE VISION PROBLEMS.

I HAVE A ICOM 7000 FOR HOME USE,BUT WANTED A SECOND RIG TO BE PORTABLE.

I BUILT A ELECRAFT K1 2 YRS AGO.
ITS GREAT FOR THE BEACH OR ANY WHERE,BUT IT WAS FOR MY FAVORITE MODE CW.

THE FT-897D WAS VERY NOISY COMPARED TO THE K1.
I INSTALLED W4RT'S SSB FILTER AND HIS MOST NARROW CW FILTER.
NOW MY 897D IS NOT DESTROYING MY EARS.

I USE A HEIL HM-10 DUAL MICROPHONE.
THE #5 ELEMENT WORKS BEST FOR ME.

I USE A VIBROPLEX BRASS RACER FOR CW.

I ADDED THE LDG LARGE ANALOG WATT METER.
ITS A GREAT ADDITION.

IM GOING TO ADD THE TWO BATTERIES LATER BEFORE BEACH TIME.
IM SURE RUNNING 5 WATTS WILL CONSERVE BATTERY POWER.

I HAVE SEEN IN QRP MAGIZINES THAT HAMS HAVE BUILT CARRYING CASES AROUND THEIR TRANCEIVERS.
I AM GOING TO BUILD ONE AROUND MY FT-897D.

I HAVE NEVER PURCHASED AN HF ANTENNA,HOWEVER I HAVE LOOKED AT THE PAR ENDFEDS.
JUST TRIM THEM AND NO TUNER NEEDED.

I WILL HAVE SPENT WELL OVER WHAT MY ICOM IC-7000 COST, AFTER I ADD ALL THE ACCESSORIES TO MAKE THIS FT-897D PLEASE ME.

THE 897D IS FOR TAKING OUTSIDE AND HAVING FUN.
IT IS ALSO A GREAT HF RIG FOR HOME WITH THE FILTERS INSTALLED AND A MICROPHONE THAT COMPLIMENTS YOUR VOICE.

HAVE FUN WITH YOURS, CHUCK "N4UED"

25902. TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-01 02:43:20 UTC
From: chuckn4ued
Topic: 25902 Message: 25902

HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON SSB.

I HAVE TRYED DIFFERENT SETTINGS AND IN NO WAY WILL THIS 1 WEEK OLD 897D DRIVE PAST 50 WATTS?

ANY IDEAS OR DIFFERENT MICROPHONES.

THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.

CHUCK N4UED

25903. Re: [FT897] Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-02 19:57:31 UTC
From: Lou Roux
Topic: 25893 Message: 25903

Thanks, As soon as I can get some numbers off the fan or find a copy of
the service manual I'll drop you a line.

Lou

mjsinger1@... wrote:
> Let me know the fan model and I will try to cross it for you. If I have one
> I will send it to you for free to keep if you provide me with feedback.
> N6MJS
>
>
>

25904. Re: [FT897] Quieter Fan for 897D

Yahoo group: FT897 (2009)
Date: 2009-05-02 20:03:13 UTC
From: N4CQR
Topic: 25893 Message: 25904

This really amazes me. I have a 897D purchased 4/08 and have never noticed the fan being noisy. I have a friend who has an older one and and it too is not annoying. Sure I can tell when it comes on. However, I can tell when the fan comes on in my 990, FT-450 and other radios.

Perhaps I am not hypersensitive to noise?

My laptop fan makes more noise than my 897D.

Really odd...

Craig

25905. Re: [FT897] A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-05-02 20:14:29 UTC
From: Redd Legg
Topic: 25899 Message: 25905

www.gigaparts.com used to have W4RT's OPP-897 batteries for $76, I bought two. I just looked and now they're the same price as the FNB-78 at $99.

Watch that site. They run some super deals on Yaesu equipment and accessories.
 73, Dean KJ4LII

From: lsloth2002 <sloth@...>
To: FT897@yahoogroups.com
Sent: Thursday, April 30, 2009 1:17:03 PM
Subject: [FT897] A123 Internal Battery Pack?

I swear I saw a message on this list that said that an after market A123 battery back would be made available soon for the FT-897. I can not find the message now. Has anyone heard anything new about this or am I going crazy and making up emails that never existed?

-James
KE5SWU

[Non-text portions of this message have been removed]

25906. Re: [FT897] how to receive while keying

Yahoo group: FT897 (2009)
Date: 2009-05-02 20:36:14 UTC
From: Richard Corfield
Topic: 25898 Message: 25906

It does full qsk reasonably well. In the menus you can set the delay
before going back to recieve after keying. I wonder about the relay in
this mode. My ten-tec kit is transistor switched but qrp.

M0RJC/P (mobile phone)

On 5/2/09, Tony Bradshaw <toekneebradshaw@...> wrote:
>
> Elmers,
> Can anyone tell me how to set up the FT897 so that it will allow me to still
> receive (being able to hear what is on frequency) while I am transmitting
> CW? That is, if this is even possible...? Said another way, if I hit the
> key, I will still be able to hear another keyer at the same time. Right now,
> when I key, the sound goes silent and I'd prefer to just continually be able
> to hear what is happening on frequency.
> 73,
> Tony Bradshaw
> KI6KPY
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

25907. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-02 20:58:17 UTC
From: Ken Bandy
Topic: 25902 Message: 25907

Chuck, how are you measuring your output power? Bear in mind that you will need a peak reading meter to measure the actual output of SSB, since there is no carrier.

There have been many discussions regarding this on this list in the past. You may want to search through the archives.

73,
Ken
KJ9B

-----Original Message-----
From: chuckn4ued [mailto:n4ued@...]
Sent: Thursday, April 30, 2009 10:43 PM
To: FT897@yahoogroups.com
Subject: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON SSB.

I HAVE TRYED DIFFERENT SETTINGS AND IN NO WAY WILL THIS 1 WEEK OLD 897D DRIVE PAST 50 WATTS?

ANY IDEAS OR DIFFERENT MICROPHONES.

THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.

CHUCK N4UED

25908. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-02 21:19:41 UTC
From: Lew Phelps K6LMP
Topic: 25902 Message: 25908

This has been a subject on the board repeatedly. You will NOT see 100 watts on the wattmeter in SSB mode, even when the transmitter is operating normally.

Because SSB does not modulate 100% except at peaks, and far less than that most of the time, your average power output in SSB mode will show as 20 to 30 watts on the power transmit indicator. Try humming loudly into the mike and you will see a higher reading, but not 100 watts. It's normal.

Lew K6LMP

On Apr 30, 2009, at 7:43 PM, chuckn4ued wrote:

>
>
> HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER
> MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON
> SSB.
>
> I HAVE TRYED DIFFERENT SETTINGS AND IN NO WAY WILL THIS 1 WEEK OLD
> 897D DRIVE PAST 50 WATTS?
>
> ANY IDEAS OR DIFFERENT MICROPHONES.
>
> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>
> CHUCK N4UED
>
>

[Non-text portions of this message have been removed]

25909. PL Tones

Yahoo group: FT897 (2009)
Date: 2009-05-03 01:35:32 UTC
From: Danny Loyd
Topic: 25909 Message: 25909

Have a question about the PL tones for VHF repeater. One of the repeaters I work recently changed the PL tone to 203.5. I changed the tone according to the instructions. The tone on the radio shows at 203.5, but when I try to talk on the repeater they tell me I am not breaking the repeater. One person on the repeater picked me up simplex and told me it sounded like I was transmitting on 206.5 instead of 203.5.

The question is, how do I ensure the PL tone is putting out the right frequency?

Thanks in advance,

Danny Loyd
KE5WDI

25910. Re: [FT897] how to receive while keying

Yahoo group: FT897 (2009)
Date: 2009-05-03 03:37:20 UTC
From: Jim C
Topic: 25898 Message: 25910

It is menu 28, QSK operatiom

Tony Bradshaw wrote:
>
>
>
> Elmers,
> Can anyone tell me how to set up the FT897 so that it will allow me to
> still receive (being able to hear what is on frequency) while I am
> transmitting CW? That is, if this is even possible...? Said another
> way, if I hit the key, I will still be able to hear another keyer at
> the same time. Right now, when I key, the sound goes silent and I'd
> prefer to just continually be able to hear what is happening on frequency.
> 73,
> Tony Bradshaw
> KI6KPY
>
> [Non-text portions of this message have been removed]
>
>

25911. Re:897 fan

Yahoo group: FT897 (2009)
Date: 2009-05-03 03:49:11 UTC
From: Dave Nelson
Topic: 25911 Message: 25911

At 12:55 PM 5/2/2009 +0000, you wrote:

how old is your radio Lou ? maybe the fans or one of then is/are starting get
bearing noise and just need standard replacement ?
My 897 is 3-4 yrs old and you can hardly hear the fans in TX mode. If I
listen
carefully I know its on. They are are the original factory installed fans.
I also have a mate's 897 here for repair and the fans on it are pretty
quiet too
even with the cover off the radio

cheers
Dave
VK2TDN

>2a. Quieter Fan for 897D
> Posted by: "w6ur" lrouxx@... w6ur
> Date: Fri May 1, 2009 4:55 pm ((PDT))
>Hi all,
>Does anyone know of a replacement fan for the FT-897D that runs quieter
>than the stock fan? When mine comes on in xmit the noise 'blows me away'
>;). I used to have an FT-450 which you couldn't even hear the fan.
>TIA
>Lou - W6UR

25912. Re: One more time, how to use the MH-36 with 897

Yahoo group: FT897 (2009)
Date: 2009-05-03 05:02:39 UTC
From: tenorman1952
Topic: 25887 Message: 25912

Well, what this is all about, everyone tells me how to program three buttons. That's not the problem. I just wanted to operate the RADIO with the mic buttons.

I have a FT-2800M. The 2800's manual clearly states how to use the MH-48, which is quite similar in appearance to the MH-36. But unlike the MH-36/FT-897, the MH-48 actually works.

Trying the same commands with the FT-897 and MH-36 does not. Nowhere in the FT-897 or FT-897D's manuals do they tell you how to make the MH-36 (or MH-59) work the radio, only how to program three buttons.

Sorry, guys, thanks for the suggestions, but I gave up and traded the mic off.

Paul
AE5JU

25913. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-03 06:42:53 UTC
From: jurgen vogel
Topic: 25902 Message: 25913

Friend, it is not a matter of your microphone at all. Even with 50 watts shown on a watt meter you probably overdrive the transceiver and cause a lot of distortion and splatters, Remember your radio lessons, SSB power output is the peak to peak power of your radio during voice transmission, the power shown on your watt meter should be between 25 and about 40 watts for a full power output of 100 watts. In CW mode of course you will see 100 watts power output. In am you have only 25 watts shown but your real power output will still be 100 watts but mostly will be in your sidebands which do not show up on a watt meter.
Remember your radio theory or look it up and you will understand what I am talking off.
73's Jurgen VK 6 AHI

Jurgen

--- On Fri, 1/5/09, chuckn4ued <n4ued@...> wrote:

From: chuckn4ued <n4ued@arrl.net>
Subject: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Received: Friday, 1 May, 2009, 12:43 PM

HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON SSB.

I HAVE TRYED DIFFERENT SETTINGS AND IN NO WAY WILL THIS 1 WEEK OLD 897D DRIVE PAST 50 WATTS?

ANY IDEAS OR DIFFERENT MICROPHONES.

THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.

CHUCK N4UED

Enjoy a better web experience. Upgrade to the new Internet Explorer 8 optimised for Yahoo!7. Get it now.

[Non-text portions of this message have been removed]

25916. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-03 15:28:17 UTC
From: K9ZTV
Topic: 25902 Message: 25916

Jurgen is absolutely right.

Every Field Day we have to keep a continual eye on the SSB station because some idiot sees 30 watts output and takes it upon his (uneducated) self to max the MIC gain.

New amateurs would be well-served to learn amateur radio from knowledgeable hams in their local radio club rather than from a book or off the Internet.

I'm also amazed at the number of SSB operators who refuse to follow their Owner's Manual instructions to adjust the MIC gain for minimum ALC. Unless they see a wildly swinging meter needle or a full bank of blinking LEDs, they're just certain there has to be something wrong with their transceiver.

73,

Kent K9ZTV

jurgen vogel wrote:
>
>
> Friend, it is not a matter of your microphone at all. Even with 50
> watts shown on a watt meter you probably overdrive the transceiver and
> cause a lot of distortion and splatters, Remember your radio lessons,
> SSB power output is the peak to peak power of your radio during voice
> transmission, the power shown on your watt meter should be between 25
> and about 40 watts for a full power output of 100 watts. In CW mode of
> course you will see 100 watts power output. In am you have only 25
> watts shown but your real power output will still be 100 watts but
> mostly will be in your sidebands which do not show up on a watt meter.
> Remember your radio theory or look it up and you will understand what
> I am talking off.
> 73's Jurgen VK 6 AHI
>
> Jurgen
>

> --- On Fri, 1/5/09, chuckn4ued <n4ued@...
> <mailto:n4ued%40arrl.net>> wrote:
>
>
> HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER
> MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON SSB.

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> 897D DRIVE PAST 50 WATTS?
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> ANY IDEAS OR DIFFERENT MICROPHONES.
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> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>
> CHUCK N4UED
>

25918. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-03 17:44:21 UTC
From: P Grant
Topic: 25902 Message: 25918

Hi Chuck !

You now have 2 good reasons to believe what you are being told.
This same thread has come up, several times before,,,
It would seem you did not take advantage of the many previous posts in the history files, on this subject.
It is a regular question, on many radio groups, from "operators", starting off, with a new, 1 week old radio.
It would seem you learned and memorised all the answers,,, but forgot the questions.
best 73,,, and better luck with your next radio.
Peter EI4HX _.___
----- Original Message -----
From: K9ZTV
To: FT897@yahoogroups.com
Sent: Sunday, May 03, 2009 3:28 PM
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Jurgen is absolutely right.

Every Field Day we have to keep a continual eye on the SSB station
because some idiot sees 30 watts output and takes it upon his
(uneducated) self to max the MIC gain.

New amateurs would be well-served to learn amateur radio from
knowledgeable hams in their local radio club rather than from a book or
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I'm also amazed at the number of SSB operators who refuse to follow
their Owner's Manual instructions to adjust the MIC gain for minimum
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blinking LEDs, they're just certain there has to be something wrong with
their transceiver.

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jurgen vogel wrote:
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> watts shown on a watt meter you probably overdrive the transceiver and
> cause a lot of distortion and splatters, Remember your radio lessons,
> SSB power output is the peak to peak power of your radio during voice
> transmission, the power shown on your watt meter should be between 25

> and about 40 watts for a full power output of 100 watts. In CW mode of
> course you will see 100 watts power output. In am you have only 25
> watts shown but your real power output will still be 100 watts but
> mostly will be in your sidebands which do not show up on a watt meter.
> Remember your radio theory or look it up and you will understand what
> I am talking off.
> 73's Jurgen VK 6 AHI
>
> Jurgen
>

> --- On Fri, 1/5/09, chuckn4ued <n4ued@...
> <mailto:n4ued%40arrl.net>> wrote:
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> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>
> CHUCK N4UED
>

[Non-text portions of this message have been removed]

25919. Re: [FT897] how to receive while keying

Yahoo group: FT897 (2009)
Date: 2009-05-02 19:05:33 UTC
From: Dan Schaaf
Topic: 25898 Message: 25919

That is impossible !!! But if you set the QSK on, you can hear BETWEEN your dits and dahs. It is called break-in keying.

Vy 73, Dan K3ZXL
http://www.k3zxl.com
----- Original Message -----
From: Tony Bradshaw
To: FT897@yahoogroups.com
Sent: Saturday, May 02, 2009 10:38 AM
Subject: [FT897] how to receive while keying

Elmers,
Can anyone tell me how to set up the FT897 so that it will allow me to still receive (being able to hear what is on frequency) while I am transmitting CW? That is, if this is even possible...? Said another way, if I hit the key, I will still be able to hear another keyer at the same time. Right now, when I key, the sound goes silent and I'd prefer to just continually be able to hear what is happening on frequency.
73,
Tony Bradshaw
KI6KPY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25920. FT897D New Owner

Yahoo group: FT897 (2009)
Date: 2009-05-02 20:17:59 UTC
From: Tate Antrim
Topic: 25893 Message: 25920

Just got an ft897D this week from gigaparts.

This is my first all solidstate rig. I normally run kenwood hybrids and my biggest issue with the 897D has been the lack of plate and load controls! For the money I have to say wow. It has been a real pleasure to run on psk31 without the other station having to "follow" me. It is great fun to run with HRD too. Fortunately I don't have to run a tuner anywhere on my favorite operating bands (160m, 40m, 20m) though I have one if need be so the instant band switching is spoiling me. It is also amazing how small the radio is compared to the kenwoods

I haven't used it on ssb yet - pretty much just digital modes but it has been great. Highly recommended by me.

I'm seriously thinking about selling my kenwood hybrids collection now.

KD8HJA

Tate Antrim

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of N4CQR
Sent: Saturday, May 02, 2009 4:03 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Quieter Fan for 897D

This really amazes me. I have a 897D purchased 4/08 and have never noticed the fan being noisy. I have a friend who has an older one and and it too is not annoying. Sure I can tell when it comes on. However, I can tell when the fan comes on in my 990, FT-450 and other radios.

Perhaps I am not hypersensitive to noise?

My laptop fan makes more noise than my 897D.

Really odd...

Craig

[Non-text portions of this message have been removed]

25921. MODERATOR MESSAGE: Eshop

Yahoo group: FT897 (2009)
Date: 2009-05-03 18:16:37 UTC
From: w4wb
Topic: 25921 Message: 25921

Eshop poster is history. Pse make no more postings regarding this matter.

Tnx es 73 de Barry W4WB, Moderator

25922. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-03 18:18:15 UTC
From: Richard Corfield
Topic: 25902 Message: 25922

I was wondering about this today. I upsed mic gain a bit and saw the modulation go up but alc not show. Need to make contact really. Long wire into a tree this morning recieved and tuned well. Mobile monoband this evening different story.

M0RJC/p

On 5/3/09, K9ZTV <k9ztv@...> wrote:
> Jurgen is absolutely right.
>
> Every Field Day we have to keep a continual eye on the SSB station
> because some idiot sees 30 watts output and takes it upon his
> (uneducated) self to max the MIC gain.
>
> New amateurs would be well-served to learn amateur radio from
> knowledgeable hams in their local radio club rather than from a book or
> off the Internet.
>
> I'm also amazed at the number of SSB operators who refuse to follow
> their Owner's Manual instructions to adjust the MIC gain for minimum
> ALC. Unless they see a wildly swinging meter needle or a full bank of
> blinking LEDs, they're just certain there has to be something wrong with
> their transceiver.
>
> 73,
>
> Kent K9ZTV
>
>
>
>
> jurgen vogel wrote:
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>>
>> Friend, it is not a matter of your microphone at all. Even with 50
>> watts shown on a watt meter you probably overdrive the transceiver and
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>> SSB power output is the peak to peak power of your radio during voice
>> transmission, the power shown on your watt meter should be between 25
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>> course you will see 100 watts power output. In am you have only 25
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>> Jurgen
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>> --- On Fri, 1/5/09, chuckn4ued <n4ued@...
>> <mailto:n4ued%40arrl.net>> wrote:
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>> ANY IDEAS OR DIFFERENT MICROPHONES.
>>
>> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>>
>> CHUCK N4UED
>>
>

--
Sent from my mobile device

25923. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-04 00:01:02 UTC
From: Jim C
Topic: 25902 Message: 25923

It is 100 watts Peak, the average will be much lower and will depend on
your voice charicteristics. The rig is ok

chuckn4ued wrote:
>
>
> HAS ANYONE HAD ANY PROBLEMS WITH THE HAND MICROPHONE OR ANY OTHER
> MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON SSB.
>
> I HAVE TRYED DIFFERENT SETTINGS AND IN NO WAY WILL THIS 1 WEEK OLD
> 897D DRIVE PAST 50 WATTS?
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> ANY IDEAS OR DIFFERENT MICROPHONES.
>
> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>
> CHUCK N4UED
>
>

25924. Re: [FT897] MY EXPERENCE WITH MY FT-897D,

Yahoo group: FT897 (2009)
Date: 2009-05-04 00:03:33 UTC
From: Jim C
Topic: 25901 Message: 25924

I have filters installed and it is still much noisier than my IC 746.
I think it needs some DSP filtering in the audio part.

chuckn4ued wrote:
>
>
> I BUILT A ELECRAFT K1 2 YRS AGO.
> ITS GREAT FOR THE BEACH OR ANY WHERE,BUT IT WAS FOR MY FAVORITE MODE CW.
>
> THE FT-897D WAS VERY NOISY COMPARED TO THE K1.
> I INSTALLED W4RT'S SSB FILTER AND HIS MOST NARROW CW FILTER.
> NOW MY 897D IS NOT DESTROYING MY EARS.
>

25925. Re: A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-05-04 13:15:26 UTC
From: lsloth2002
Topic: 25899 Message: 25925

Thank you for the link and I will watch it. But I thought someone was going to produce a battery pack using A123's batteries which would eliminate the battery reliability issues with charging and discharging and had more amp hours.

-James
KE5SWU

--- In FT897@yahoogroups.com, Redd Legg <redleg_8@...> wrote:
>
> www.gigaparts.com used to have W4RT's OPP-897 batteries for $76, I bought two. I just looked and now they're the same price as the FNB-78 at $99.
>
> Watch that site. They run some super deals on Yaesu equipment and accessories.
> 73, Dean KJ4LII
>
>
>
>
> _____
> From: lsloth2002 <sloth@...>
> To: FT897@yahoogroups.com
> Sent: Thursday, April 30, 2009 1:17:03 PM
> Subject: [FT897] A123 Internal Battery Pack?
>
>
>
>
>
> I swear I saw a message on this list that said that an after market A123 battery back would be made available soon for the FT-897. I can not find the message now. Has anyone heard anything new about this or am I going crazy and making up emails that never existed?
>
> -James
> KE5SWU
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

25926. Re: [FT897] Re: A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-05-04 13:24:03 UTC
From: Redd Legg
Topic: 25899 Message: 25926

Northern Tools sells a 14 watt portable solar panel that I use to charge the batteries on the fly. You have to purchase a charge controller and make a cable to mate with the battery. It charges one battery in just about the same amount of time it takes to deplete the other.

The 123's are high dollar batteries and I've not seen a rechargeable yet.
 73, Dean KJ4LII

From: lsloth2002 <sloth@r65.org>
To: FT897@yahoogroups.com
Sent: Monday, May 4, 2009 9:15:26 AM
Subject: [FT897] Re: A123 Internal Battery Pack?

Thank you for the link and I will watch it. But I thought someone was going to produce a battery pack using A123's batteries which would eliminate the battery reliability issues with charging and discharging and had more amp hours.

-James
KE5SWU

--- In FT897@yahoogroups. com, Redd Legg <redleg_8@.. .> wrote:
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> Watch that site. They run some super deals on Yaesu equipment and accessories.
> 73, Dean KJ4LII
>
>
>
>
> ---
> From: lsloth2002 <sloth@...>
> To: FT897@yahoogroups. com
> Sent: Thursday, April 30, 2009 1:17:03 PM
> Subject: [FT897] A123 Internal Battery Pack?
>
>
>
>
>
> I swear I saw a message on this list that said that an after market A123 battery back would be made available soon for the FT-897. I can not find the message now. Has anyone heard anything new about this or am I going crazy and making up emails that never existed?
>

> -James
> KE5SWU
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

25927. Re: [FT897] Re: A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-05-04 13:28:46 UTC
From: Jim C
Topic: 25899 Message: 25927

You might want to consider this 13.2 v 4500 mAh battery pack with
charger for $70

http://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=2205&SSAID=204502

lsloth2002 wrote:
>
>
> Thank you for the link and I will watch it. But I thought someone was
> going to produce a battery pack using A123's batteries which would
> eliminate the battery reliability issues with charging and discharging
> and had more amp hours.
>
> -James
> KE5SWU
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Redd
> Legg <redleg_8@...> wrote:
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> > www.gigaparts.com used to have W4RT's OPP-897 batteries for $76, I
> bought two. I just looked and now they're the same price as the
> FNB-78 at $99.
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> accessories.
> > 73, Dean KJ4LII
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> >
> >
> >
> > _____
> > From: lsloth2002 <sloth@...>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Thursday, April 30, 2009 1:17:03 PM
> > Subject: [FT897] A123 Internal Battery Pack?
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> >
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> >
> >
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> > -James
> > KE5SWU
> >
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> >
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

25928. Re: MY EXPERENCE WITH MY FT-897D,

Yahoo group: FT897 (2009)
Date: 2009-05-04 15:28:53 UTC
From: tenorman1952
Topic: 25901 Message: 25928

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:
>
> I have filters installed and it is still much noisier than my IC 746.
> I think it needs some DSP filtering in the audio part.

Jim, I added the BHI, Inc 1061 module purchased from W4RT and it is absolutely amazing.

I have sound file in my AE5JU folder in the Files section. In the AE5JU folder in the Photos section I showed where I mounted the button for it, where the A/B internal battery switch had been. Some people don't like that, but I never intend to run from internal batteries. I have the FP-30 power supply, and when I do run from batteries, I use far larger than will fit inside. And I can remove the DSP button and snap the A/B battery button back in place. A totally reversable procedure.

For those that don't want to do surgery, W4RT has other BHI products, such as the ANES external DSP.

After using the BHI DSP I can't imagine using the radio without it.

Paul
AE5JU

25929. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-05-04 15:30:41 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 25929

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AE5JU/Homebrew Buddipole Variant.pdf
Uploaded by : tenorman1952 <tenorman1952@...>
Description : Homebrew Buddipole Variant

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AE5JU/Homebrew%20Buddipole%20Variant.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

tenorman1952 <tenorman1952@...>

25930. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-04 16:32:45 UTC
From: Michael Walker (VA3MW)
Topic: 25902 Message: 25930

Chuck

Please take the time to understand the difference between Peak Power (PEP) and Average Power. There are many many web pages that discuss it. This page discusses it for Amateur TV, but it is 100% the same story: http://www.hamtv.com/ampsetup.html

If you are getting 100w in CW into a dummy load, then you are good to go.

Make sure you understand your ALC and how it works in SSB. It needs to be set correctly. The manual describes it very well.

If you can, try to avoid typing in caps. Even going 100% lower case is easier on the eyes. J

Many 73.. Mike VA3MW

From: Jim C [mailto:liteways@...]
Sent: Sunday, May 03, 2009 8:01 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

It is 100 watts Peak, the average will be much lower and will depend on your voice charicteristics. The rig is ok

chuckn4ued wrote:
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>
> THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.
>
> CHUCK N4UED
>
>

[Non-text portions of this message have been removed]

25931. Re: [FT897] Re: MY EXPERENCE WITH MY FT-897D,

Yahoo group: FT897 (2009)
Date: 2009-05-04 16:38:51 UTC
From: Jim C
Topic: 25901 Message: 25931

I'd rather not do the surgery, but an external one would be good it it
is small enough to keep the rig portable. I had trouble listening to it
for any length of time, so I bought a IC 746pro and there is a world of
difference between the two. I still have the 897d because it is smaller
to take to a lark in the park or things like that.

tenorman1952 wrote:
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Jim C
> <liteways@...> wrote:
> >
> > I have filters installed and it is still much noisier than my IC 746.
> > I think it needs some DSP filtering in the audio part.
>
> Jim, I added the BHI, Inc 1061 module purchased from W4RT and it is
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> don't like that, but I never intend to run from internal batteries. I
> have the FP-30 power supply, and when I do run from batteries, I use
> far larger than will fit inside. And I can remove the DSP button and
> snap the A/B battery button back in place. A totally reversable procedure.
>
> For those that don't want to do surgery, W4RT has other BHI products,
> such as the ANES external DSP.
>
> After using the BHI DSP I can't imagine using the radio without it.
>
> Paul
> AE5JU
>
>

25932. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-04 16:40:47 UTC
From: Jim C
Topic: 25902 Message: 25932

And I might add that if he wants 100 watts ssb, then he needs an
external amplifier that will put out about 400 watts

Michael Walker (VA3MW) wrote:
>
>
> Chuck
>
> Please take the time to understand the difference between Peak Power (PEP)
> and Average Power. There are many many web pages that discuss it. This
> page discusses it for Amateur TV, but it is 100% the same story:
> http://www.hamtv.com/ampsetup.html <http://www.hamtv.com/ampsetup.html>
>
> If you are getting 100w in CW into a dummy load, then you are good to go.
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> Make sure you understand your ALC and how it works in SSB. It needs to be
> set correctly. The manual describes it very well.
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> If you can, try to avoid typing in caps. Even going 100% lower case is
> easier on the eyes. J
>
> Many 73.. Mike VA3MW
>
> From: Jim C [mailto:liteways@... <mailto:liteways%40gmail.com>]
> Sent: Sunday, May 03, 2009 8:01 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
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> It is 100 watts Peak, the average will be much lower and will depend on
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> chuckn4ued wrote:
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> > MICROPHONE NOT DRIVING THE TRANCEIVER TO 100 WATTS OR CLOSE TO IT ON
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> >
> > THE ONLY OTHER MICROPHONE I HAVE USED IS THE HEIL HM-10 DUAL.

> >
> > CHUCK N4UED
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

25933. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-04 17:33:21 UTC
From: Geoff Blake
Topic: 25902 Message: 25933

On Mon, 4 May 2009, Jim C wrote:

> And I might add that if he wants 100 watts ssb, then he needs an
> external amplifier that will put out about 400 watts

Please explain this revelation!

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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25934. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-04 18:09:12 UTC
From: af2c@njdxa.org
Topic: 25902 Message: 25934

Please Read:

http://www.arrl.org/tis/info/pdf/9505088.pdf

73,
Jay/AF2C

At 06:33 PM 5/4/2009 +0100, you wrote:

>On Mon, 4 May 2009, Jim C wrote:
>
> > And I might add that if he wants 100 watts ssb, then he needs an
> > external amplifier that will put out about 400 watts

25935. Re: [FT897] Re: A123 Internal Battery Pack?

Yahoo group: FT897 (2009)
Date: 2009-05-04 20:48:14 UTC
From: Peter Robinson
Topic: 25899 Message: 25935

Hi - for a little bit more you might care to consider:

http://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=1780

LiFePO4 offers very good power/weight/self discharge characteristics compared to NiMH.

73 de Peter - GØFIM / AA3JN

If you value your HF privileges, please consider signing the Downing St petition:

http://petitions.number10.gov.uk/SaveShortwave2/

----- Original Message -----
From: Jim C
To: FT897@yahoogroups.com
Sent: Monday, May 04, 2009 2:28 PM
Subject: Re: [FT897] Re: A123 Internal Battery Pack?

You might want to consider this 13.2 v 4500 mAh battery pack with
charger for $70

http://www.batteryspace.com/index.asp?PageAction=VIEWPROD&ProdID=2205&SSAID=204502

lsloth2002 wrote:
>
>
> Thank you for the link and I will watch it. But I thought someone was
> going to produce a battery pack using A123's batteries which would
> eliminate the battery reliability issues with charging and discharging
> and had more amp hours.
>
> -James
> KE5SWU
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Redd
> Legg <redleg_8@...> wrote:
> >
> > www.gigaparts.com used to have W4RT's OPP-897 batteries for $76, I
> bought two. I just looked and now they're the same price as the
> FNB-78 at $99.
> >
> > Watch that site. They run some super deals on Yaesu equipment and
> accessories.
> > 73, Dean KJ4LII
> >
> >
> >

> >
> > _____
> > From: lsloth2002 <sloth@...>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Thursday, April 30, 2009 1:17:03 PM
> > Subject: [FT897] A123 Internal Battery Pack?
> >
> >
> >
> >
> >
> > I swear I saw a message on this list that said that an after market
> A123 battery back would be made available soon for the FT-897. I can
> not find the message now. Has anyone heard anything new about this or
> am I going crazy and making up emails that never existed?
> >
> > -James
> > KE5SWU
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.322 / Virus Database: 270.12.17/2095 - Release Date: 05/04/09 06:00:00

[Non-text portions of this message have been removed]

25936. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 01:55:40 UTC
From: Jim C
Topic: 25902 Message: 25936

For ordinary speech the average power is considerably less than the peak power, and depends on how loud you talk and your voice characteristics. for a trasnmitter that puts put 100w CW, 25 to 50 watts ssb is about what you can expect on the wattmeter, so if you want 100 watts, you will need about a 400 watt amplifier

Geoff Blake wrote:
>
>
> On Mon, 4 May 2009, Jim C wrote:
>
> > And I might add that if he wants 100 watts ssb, then he needs an
> > external amplifier that will put out about 400 watts
>
> Please explain this revelation!
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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>

25937. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 07:19:59 UTC
From: Geoff Blake
Topic: 25902 Message: 25937

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you want
> 100 watts, you will need about a 400 watt amplifier

That is wrong, completely wrong.

If the transmitter is like the FT897 or many others, it is capable of
100W maximum or peak output. that is 100W on FM and most digital modes,
100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and AM.

That the typical power meter is not capable of correctly reading that 100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W key
down on CW. By this, I mean using the key to generate one long dash.
Then transmit a long succession of dots, what does your power meter read?

The problem is in the power measurement, not in the transmitter.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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25938. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 08:28:50 UTC
From: Chris Baker
Topic: 25902 Message: 25938

I agree with Geoff this is wrong.
An Ave power meter will measure 100W CW/FM due to the Tx being driving by a single carrier however on ssb the voice is made up of different frequencies so the power meter "looks" as the range of "carriers" ie 300 - 2k7Hz and avegages these out to say 25% of the transmitted power. to prove this on ssb whistle the rhe rig up with a single tone (whistle) and the meter will read 100W.
a peak reading meter will take the range and indicate the true peak power because of the time constant of the design of the circuit (ie a cap) which holds the peak voltage and drives the meter to the peak reading.
hope this helps to clarify this.
(btw to use a 400w amp to read 100w would give a peak power of at least 400W!)

Thanks

Chris g4lds

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...

--- On Tue, 5/5/09, Jim C <liteways@...> wrote:

From: Jim C <liteways@...>
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Date: Tuesday, 5 May, 2009, 2:55 AM

For ordinary speech the average power is considerably less than the peak power, and depends on how loud you talk and your voice characteristics. for a trasnmitter that puts put 100w CW, 25 to 50 watts ssb is about what you can expect on the wattmeter, so if you want 100 watts, you will need about a 400 watt amplifier

Geoff Blake wrote:
>
>
> On Mon, 4 May 2009, Jim C wrote:
>
> > And I might add that if he wants 100 watts ssb, then he needs an
> > external amplifier that will put out about 400 watts
>
> Please explain this revelation!

>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
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[Non-text portions of this message have been removed]

25939. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 13:01:46 UTC
From: Jim C
Topic: 25902 Message: 25939

I don't think you understand the theory behind this

Geoff Blake wrote:
>
>
> On Mon, 4 May 2009, Jim C wrote:
>
> > For ordinary speech the average power is considerably less than the peak
> > power, and depends on how loud you talk and your voice
> > characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> > watts ssb is about what you can expect on the wattmeter, so if you want
> > 100 watts, you will need about a 400 watt amplifier
>
> That is wrong, completely wrong.
>
> If the transmitter is like the FT897 or many others, it is capable of
> 100W maximum or peak output. that is 100W on FM and most digital modes,
> 100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and AM.
>
> That the typical power meter is not capable of correctly reading that 100W
> PEP is totally irrelevant.
>
> Try an experiment. Set up your transmitter and adjust it to give 100W key
> down on CW. By this, I mean using the key to generate one long dash.
> Then transmit a long succession of dots, what does your power meter read?
>
> The problem is in the power measurement, not in the transmitter.
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
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>

25940. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 13:13:20 UTC
From: Chris Baker
Topic: 25902 Message: 25940

Please explain your theorem then

Thanks

Chris

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...

--- On Tue, 5/5/09, Jim C <liteways@...> wrote:

From: Jim C <liteways@...>
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Date: Tuesday, 5 May, 2009, 2:01 PM

I don't think you understand the theory behind this

Geoff Blake wrote:
>
>
> On Mon, 4 May 2009, Jim C wrote:
>
> > For ordinary speech the average power is considerably less than the peak
> > power, and depends on how loud you talk and your voice
> > characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> > watts ssb is about what you can expect on the wattmeter, so if you want
> > 100 watts, you will need about a 400 watt amplifier
>
> That is wrong, completely wrong.
>
> If the transmitter is like the FT897 or many others, it is capable of
> 100W maximum or peak output. that is 100W on FM and most digital modes,
> 100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and AM.
>
> That the typical power meter is not capable of correctly reading that 100W
> PEP is totally irrelevant.
>
> Try an experiment. Set up your transmitter and adjust it to give 100W key
> down on CW. By this, I mean using the key to generate one long dash.
> Then transmit a long succession of dots, what does your power meter read?

>
> The problem is in the power measurement, not in the transmitter.
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
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[Non-text portions of this message have been removed]

25941. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 13:35:25 UTC
From: Geoff Blake
Topic: 25902 Message: 25941

On Tue, 5 May 2009, Jim C wrote:

> I don't think you understand the theory behind this

With respect, I don't think you understand theory or practice, at all.

Tell my why you think that a 100W PEP output stage doesn't give 100W PEP -
assuming that it is working properly.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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25942. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 14:10:02 UTC
From: Jim C
Topic: 25902 Message: 25942

What I am saying is a rig that put s out 100 watts PEP will only have
50 watts or less average power because of the characteristics of your
voice. Well, not yours in particular, anyone's, and the meter may
bounce around 25 watts, and you could still be putting out 100 watts
peak. A peak reading meter or an oscilloscope will show the 100 watts peak

Geoff Blake wrote:
>
>
> On Tue, 5 May 2009, Jim C wrote:
>
> > I don't think you understand the theory behind this
>
> With respect, I don't think you understand theory or practice, at all.
>
> Tell my why you think that a 100W PEP output stage doesn't give 100W PEP -
> assuming that it is working properly.
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
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>
>

25943. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:01:31 UTC
From: D. F.
Topic: 25902 Message: 25943

I believe it is correct. We are NOT talking CW or AM or FM (that was just mentioned as an example). The question was in relation to SSB. And, YES, the PEAK output in SSB will depend on your voice. The radio, while CAPABLE of 100w on SSB, usually never gets to full output because your voice is "usually" not strong enough to drive the radio to 100w. If you key the mic and whistle or put a tone into the mic, you would get close to, if not a full, 100w reading. But because the human voice has many "peaks and valleys" (on an oscilloscope), your voice is NOT strong enough to drive the radio to 100w. Remember too, there is NO CARRIER on SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an amplifier. How strong, offhand, I do not know, but it would need to be much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Geoff Blake
Sent: Tuesday, May 05, 2009 02:20
To: FT897@yahoogroups.com
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you want
> 100 watts, you will need about a 400 watt amplifier

That is wrong, completely wrong.

If the transmitter is like the FT897 or many others, it is capable of 100W maximum or peak output. that is 100W on FM and most digital modes, 100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and AM.

That the typical power meter is not capable of correctly reading that 100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W key
down on CW. By this, I mean using the key to generate one long dash.
Then transmit a long succession of dots, what does your power meter
read?

The problem is in the power measurement, not in the transmitter.

Geoff

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Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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[Non-text portions of this message have been removed]

25944. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:10:23 UTC
From: Chris Baker
Topic: 25902 Message: 25944

Sorry but on SSB YOU ARE driving it 100w
Look on a scope or Peak power meter and it will PEAK at 100w O/P Pep (Peak output Power). The standard analogue power meter in the shack is an aveage reading meter and due to the time constant of the meter does not read the PEAK power
If you transmit on SSB with a single tone an Ave meter will read 100w. Drop to two tones the power meter will read the ave of F1 + F2 thus 3dbs down ie 50W change to a human voice talking into the mic, there are many frequencies so the PEAK reading will still be 100W but the Ave reading will be around 25-40w due to the meter "seeing" several frequencies thus indicating an Ave power.

Thats why you should use a PEAK reading meter and or scope to prove the power is 100w.

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...t

--- On Tue, 5/5/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Date: Tuesday, 5 May, 2009, 4:01 PM

I believe it is correct. We are NOT talking CW or AM or FM (that was just mentioned as an example). The question was in relation to SSB. And, YES, the PEAK output in SSB will depend on your voice. The radio, while CAPABLE of 100w on SSB, usually never gets to full output because your voice is "usually" not strong enough to drive the radio to 100w. If you key the mic and whistle or put a tone into the mic, you would get close to, if not a full, 100w reading. But because the human voice has many "peaks and valleys" (on an oscilloscope) , your voice is NOT strong enough to drive the radio to 100w. Remember too, there is NO CARRIER on SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an amplifier. How strong, offhand, I do not know, but it would need to be much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Geoff Blake
Sent: Tuesday, May 05, 2009 02:20
To: FT897@yahoogroups. com
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the
peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you
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> 100 watts, you will need about a 400 watt amplifier

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100W maximum or peak output. that is 100W on FM and most digital modes,
100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and
AM.

That the typical power meter is not capable of correctly reading that
100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W
key
down on CW. By this, I mean using the key to generate one long dash.
Then transmit a long succession of dots, what does your power meter
read?

The problem is in the power measurement, not in the transmitter.

Geoff

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Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
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org/philosophy/ no-word-attachme nts.html>
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[Non-text portions of this message have been removed]

25945. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:14:09 UTC
From: Dr Mark Vaughan
Topic: 25902 Message: 25945

If you want to measure PEP with a standard meter, you need a dual tone generator.

You may have something kicking around the home that can do this, many of us used to have home answering machines and before phones were DTMF when they were still pulse dialling we were supplied with a little hand held device with a telephone keypad that made the tones to access the answering machine.

These work quite well over the mic to give a full PEP envelope so a simple averaging meter will read the PEP value, some people can get away with whistling to achieve the tones, simply you need two tones that are not harmonically related.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

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Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D. F.
Sent: 05 May 2009 16:02
To: FT897@yahoogroups.com
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

I believe it is correct. We are NOT talking CW or AM or FM (that was just mentioned as an example). The question was in relation to SSB. And, YES, the PEAK output in SSB will depend on your voice. The radio, while CAPABLE of 100w on SSB, usually never gets to full output because your voice is "usually" not strong enough to drive the radio to 100w. If you key the mic and whistle or put a tone into the mic, you would get close to, if not a full, 100w reading. But because the human voice has many "peaks and valleys" (on an oscilloscope), your voice is NOT strong enough to drive the radio to 100w. Remember too, there is NO CARRIER on SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an amplifier. How strong, offhand, I do not know, but it would need to be much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of
Geoff Blake
Sent: Tuesday, May 05, 2009 02:20
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you want
> 100 watts, you will need about a 400 watt amplifier

That is wrong, completely wrong.

If the transmitter is like the FT897 or many others, it is capable of 100W maximum or peak output. that is 100W on FM and most digital modes, 100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and AM.

That the typical power meter is not capable of correctly reading that 100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W key
down on CW. By this, I mean using the key to generate one long dash. Then transmit a long succession of dots, what does your power meter read?

The problem is in the power measurement, not in the transmitter.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25946. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:29:31 UTC
From: K9ZTV
Topic: 25902 Message: 25946

Friends . . .

I think we have lost sight of the original posting which dealt with someone's concern that his new FT-897's meter was only showing 30 watts output on SSB. Somehow the discussion got sidetracked into theory and oscilloscopes.

A typical transceiver's output meter will INDICATE approximately 30 watts output for the typical human voice even though the rig itself is rated 100 watts PEP output. Assuming the use of a decent microphone, increasing the MIC gain beyond the ALC level indicated in the owner's manual will usually create distortion and IMD products.

That was all that several of us were attempting to explain to the original poster.

73,

Kent K9ZTV

[Non-text portions of this message have been removed]

25947. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:44:15 UTC
From: D. F.
Topic: 25902 Message: 25947

Like I stated....

We are NOT talking CW or AM or FM (that was
just mentioned as an example). The question was in relation to SSB.
And, YES, the PEAK output in SSB will depend on your voice. The radio,
while CAPABLE of 100w on SSB, usually never gets to full output because
your voice is "usually" not strong enough to drive the radio to 100w.
If you key the mic and whistle or put a tone into the mic, you would get
close to, if not a full, 100w reading. But because the human voice has
many "peaks and valleys" (on an oscilloscope), your voice is NOT strong
enough to drive the radio to 100w. Remember too, there is NO CARRIER on
SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an
amplifier. How strong, offhand, I do not know, but it would need to be
much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
K9ZTV
Sent: Tuesday, May 05, 2009 10:30
To: FT897@yahoogroups.com
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Friends . . .

I think we have lost sight of the original posting which dealt with
someone's concern that his new FT-897's meter was only showing 30 watts
output on SSB. Somehow the discussion got sidetracked into theory and
oscilloscopes.

A typical transceiver's output meter will INDICATE approximately 30
watts output for the typical human voice even though the rig itself is
rated 100 watts PEP output. Assuming the use of a decent microphone,
increasing the MIC gain beyond the ALC level indicated in the owner's
manual will usually create distortion and IMD products.

That was all that several of us were attempting to explain to the
original poster.

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Kent K9ZTV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25948. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB. unless you sing it...

Yahoo group: FT897 (2009)
Date: 2009-05-05 16:03:26 UTC
From: customgraphics!
Topic: 25948 Message: 25948

so single tones make your meter jump better...so we need to try to sound more like mariah carey than fran drescher...

wonder if there could be a filter on your mic to take the multitone of your voice and make it more singular-toned... strip out the multi-tone "noise" the radio sees... like a poorman's digital sideband?

try doing CQ to the tune of "Hi Ho Hi Ho, It's off to work we go"

wb9ybi

----- Original Message -----
From: "Chris Baker" <honywood@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, May 05, 2009 11:10 AM
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Sorry but on SSB YOU ARE driving it 100w
Look on a scope or Peak power meter and it will PEAK at 100w O/P Pep (Peak output Power).
The standard analogue power meter in the shack is an aveage reading meter and due to the time constant of the meter does not read the PEAK power
If you transmit on SSB with a single tone an Ave meter will read 100w. Drop to two tones the power meter will read the ave of F1 + F2 thus 3dbs down ie 50W change to a human voice talking into the mic, there are many frequencies so the PEAK reading will still be 100W but the Ave reading will be around 25-40w due to the meter "seeing" several frequencies thus indicating an Ave power.

Thats why you should use a PEAK reading meter and or scope to prove the power is 100w.

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...

--- On Tue, 5/5/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Date: Tuesday, 5 May, 2009, 4:01 PM

I believe it is correct. We are NOT talking CW or AM or FM (that was just mentioned as an example). The question was in relation to SSB. And, YES, the PEAK output in SSB will depend on your voice. The radio, while CAPABLE of 100w on SSB, usually never gets to full output because your voice is "usually" not strong enough to drive the radio to 100w. If you key the mic and whistle or put a tone into the mic, you would get close to, if not a full, 100w reading. But because the human voice has many "peaks and valleys" (on an oscilloscope) , your voice is NOT strong enough to drive the radio to 100w. Remember too, there is NO CARRIER on SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an amplifier. How strong, offhand, I do not know, but it would need to be much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Geoff Blake
Sent: Tuesday, May 05, 2009 02:20
To: FT897@yahoogroups. com
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you want
> 100 watts, you will need about a 400 watt amplifier

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That the typical power meter is not capable of correctly reading that 100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W key
down on CW. By this, I mean using the key to generate one long dash. Then transmit a long succession of dots, what does your power meter

read?

The problem is in the power measurement, not in the transmitter.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25949. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB. unless you sing it...

Yahoo group: FT897 (2009)
Date: 2009-05-05 16:24:53 UTC
From: Gary Altig
Topic: 25902 Message: 25949

DE N7UVL,
I don?t know what they use these days, but the Military used to use a 2 Tone Test Generator. As with the previous advice given though, even that would not quite reach the Peak output reading.
-Note: to my way of thinking, a clean signal is better than a max signal. So be careful of the ALC setting so the signal does not splatter or become distorted./ga

[Non-text portions of this message have been removed]

25950. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 16:28:54 UTC
From: Geoff Blake
Topic: 25902 Message: 25950

On Tue, 5 May 2009, Jim C wrote:

> What I am saying is a rig that put s out 100 watts PEP will only have
> 50 watts or less average power because of the characteristics of your
> voice. Well, not yours in particular, anyone's, and the meter may
> bounce around 25 watts, and you could still be putting out 100 watts
> peak. A peak reading meter or an oscilloscope will show the 100 watts peak

Hi Jim,

Yes, that is correct, but you (should) always state the power output from
a SSB system as Peak Envelope Power. The "Average Power" is meaningless as
a measurement because it depends on the baseband information being
transmitted. For example, if there is a pause, then the average goes down
to nearly 0W, thenas the operator knocks his cup of tea over it goes up to
100W, first the crash of the cup, followed a second or so later by the
operator's curse has the hot tea reches his nether regions. One presumes
that the ALC will take care of anything that tends to exceed 100W.

Yes a suitable oscilloscope will show PEP, as will a !proper! peak reading
wattmeter.

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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25951. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 16:52:57 UTC
From: Geoff Blake
Topic: 25902 Message: 25951

On Tue, 5 May 2009, D. F. wrote:

> I believe it is correct. We are NOT talking CW or AM or FM (that was
> just mentioned as an example). The question was in relation to SSB.
> And, YES, the PEAK output in SSB will depend on your voice. The radio,
> while CAPABLE of 100w on SSB, usually never gets to full output because
> your voice is "usually" not strong enough to drive the radio to 100w.
> If you key the mic and whistle or put a tone into the mic, you would get
> close to, if not a full, 100w reading. But because the human voice has
> many "peaks and valleys" (on an oscilloscope), your voice is NOT strong
> enough to drive the radio to 100w. Remember too, there is NO CARRIER on
> SSB. What drives the power, therefore, is your voice.
>
> So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an
> amplifier. How strong, offhand, I do not know, but it would need to be
> much more than 100w.

Sorry but wrong Dennis.

The Peak Power rating of an amplifier is a design parameter. As it is a Linear amplifier, the output is determined by the input drive level (at least up to the capabilities of the amplifier) the way to increase the output is by increasing the microphone gain (but don't do this).

The problem with increasing the mic gain is that signal peaks will overload the amplifier and cause splatter. A signal processor, if used correctly, will compress the peaks and increase the average power of the signal, the ultimate case is constant amplitude or infinitely compressed SSB, which has no amplitude component. In this case, the average power will also be 100W.

What you will not need is a higher power linear, which is what I presume you mean.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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25952. Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:11:22 UTC
From: g8hul
Topic: 25902 Message: 25952

--- In FT897@yahoogroups.com, "Dr Mark Vaughan" <mark@...> wrote:
>
> If you want to measure PEP with a standard meter, you need a dual tone
> generator.
>
> You may have something kicking around the home that can do this, many of us
> used to have home answering machines and before phones were DTMF when they
> were still pulse dialling we were supplied with a little hand held device
> with a telephone keypad that made the tones to access the answering machine.
>
> These work quite well over the mic to give a full PEP envelope so a simple
> averaging meter will read the PEP value, some people can get away with
> whistling to achieve the tones, simply you need two tones that are not
> harmonically related.
>
>
>
> 73 Mark
>

That is not quite correct, a 2 tone input will give 50W average power, (assuming that the PEP is 100W). An average reading power meter will read an even lower value, Bird quote 40.5W for a Model 43.

The only way to get an average reading meter to display the PEP with ssb is to use a *single* tone.

73
Jeff

25953. Re: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:16:42 UTC
From: Chris Baker
Topic: 25902 Message: 25953

True
When we were testing commercial transmiiters at Marconi, we used to set the AF single tone signal on SSB until we measured the full PeP (ie 50kW), reduced the single tone by 6dBs and changed to two tones and the Tx power meter (Ave reading) indicated half power whilst the Power measured in the dummy load was the full PeP.

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...

--- On Tue, 5/5/09, g8hul <g8hul@...> wrote:

From: g8hul <g8hul@...>
Subject: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
To: FT897@yahoogroups.com
Date: Tuesday, 5 May, 2009, 6:11 PM

--- In FT897@yahoogroups. com, "Dr Mark Vaughan" <mark@...> wrote:
>
> If you want to measure PEP with a standard meter, you need a dual tone
> generator.
>
> You may have something kicking around the home that can do this, many of us
> used to have home answering machines and before phones were DTMF when they
> were still pulse dialling we were supplied with a little hand held device
> with a telephone keypad that made the tones to access the answering machine.
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> These work quite well over the mic to give a full PEP envelope so a simple
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>
>
> 73 Mark
>

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The only way to get an average reading meter to display the PEP with ssb is to use a *single* tone.

73
Jeff

[Non-text portions of this message have been removed]

25954. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:27:56 UTC
From: Geoff Blake
Topic: 25902 Message: 25954

On Tue, 5 May 2009, K9ZTV wrote:

> Friends . . .
>
> I think we have lost sight of the original posting which dealt with
> someone's concern that his new FT-897's meter was only showing 30 watts
> output on SSB. Somehow the discussion got sidetracked into theory and
> oscilloscopes.
>
> A typical transceiver's output meter will INDICATE approximately 30
> watts output for the typical human voice even though the rig itself is
> rated 100 watts PEP output. Assuming the use of a decent microphone,
> increasing the MIC gain beyond the ALC level indicated in the owner's
> manual will usually create distortion and IMD products.
>
> That was all that several of us were attempting to explain to the
> original poster.

Very well said Kent, the point that you omitted was to say was that the
rig could have been giving 100W Peak output whilst !indicating! 30W.

This has been explained repeatedly (perhaps monthly) in this group.
Perhaps the theory between average and peak power should be part of the
licence examination in the USA.....

73 Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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25955. TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:27:25 UTC
From: Chris Baker
Topic: 25902 Message: 25955

Folks,
Reading and exchanging mails, Im getting the idea that the confusion comes from people who have entered our hobby from other related radio hobbys where they are used to seeing on the meter a carrier of the full power(FM) or a low carrier which when modulated peaked to the full power (AM).
Hence the idea of another amplfier?

being an old codger who came into this hobby during the change over from AM to SSB on our HF bands, I had this problem too.

Once I had been trained as a Transmitter Enginner and gained my degree I understood the meter readings and difference between AM/FM & SSB readings against the measured power in a dummy load using a RF Voltage meter and using Ohms law to calcuate the power confirmed by a scope!

I think thats why MFJ (and other makers are out there) have meters which indicate both Ave and peak power.

Hopefully we have explained the readings to the gentleman who asked the question now and he has not gone away even more confused!

Maybe we can move on?

Thanks

Chris Baker B.A.
 G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO85 NB
IOTA: EU005
G4LDS@...

[Non-text portions of this message have been removed]

25956. How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:47:53 UTC
From: Richard Corfield
Topic: 25956 Message: 25956

I had a few failed attempts to tune a kite antenna at 40m. Must have
been close to half wavelength. I tune on fm at 5w as that gives me a
carrier. Testing after into dummy load with power set to 5w i see 1w
on the meter. Set to 10w i see the full 10w.

Kite was too unstable to allow me to make a contact. Recieved really
well making tuning on recieve by looking for strongest signal hard.
Tuner seemed quite insensitive to all but wildest changes. On 80m
tuned much better.

Thx M0RJC/P

On 5/5/09, Geoff Blake <geoff@...> wrote:
> On Tue, 5 May 2009, D. F. wrote:
>
>> I believe it is correct. We are NOT talking CW or AM or FM (that was
>> just mentioned as an example). The question was in relation to SSB.
>> And, YES, the PEAK output in SSB will depend on your voice. The radio,
>> while CAPABLE of 100w on SSB, usually never gets to full output because
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> Linear amplifier, the output is determined by the input drive level (at
> least up to the capabilities of the amplifier) the way to increase the
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> The problem with increasing the mic gain is that signal peaks will
> overload the amplifier and cause splatter. A signal processor, if used
> correctly, will compress the peaks and increase the average power of the
> signal, the ultimate case is constant amplitude or infinitely compressed
> SSB, which has no amplitude component. In this case, the average power
> will also be 100W.
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> What you will not need is a higher power linear, which is what I presume
> you mean.

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> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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>

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Sent from my mobile device

25957. RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 18:23:15 UTC
From: Dr Mark Vaughan
Topic: 25902 Message: 25957

Chris is right, with two tones modulation on an SSB signal, you can use an average meter to measure the PEP, but I failed to mention it is half the actual pep power value (or 3db down).

Thanks Chris

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dr Mark Vaughan
Sent: 05 May 2009 16:14
To: FT897@yahoogroups.com
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

If you want to measure PEP with a standard meter, you need a dual tone generator.

You may have something kicking around the home that can do this, many of us used to have home answering machines and before phones were DTMF when they were still pulse dialling we were supplied with a little hand held device with a telephone keypad that made the tones to access the answering machine.

These work quite well over the mic to give a full PEP envelope so a simple averaging meter will read the PEP value, some people can get away with whistling to achieve the tones, simply you need two tones that are not harmonically related.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of D.
F.
Sent: 05 May 2009 16:02
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: RE: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

I believe it is correct. We are NOT talking CW or AM or FM (that was
just mentioned as an example). The question was in relation to SSB.
And, YES, the PEAK output in SSB will depend on your voice. The radio,
while CAPABLE of 100w on SSB, usually never gets to full output because
your voice is "usually" not strong enough to drive the radio to 100w.
If you key the mic and whistle or put a tone into the mic, you would get
close to, if not a full, 100w reading. But because the human voice has
many "peaks and valleys" (on an oscilloscope), your voice is NOT strong
enough to drive the radio to 100w. Remember too, there is NO CARRIER on
SSB. What drives the power, therefore, is your voice.

So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an
amplifier. How strong, offhand, I do not know, but it would need to be
much more than 100w.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>] On Behalf
Of
Geoff Blake
Sent: Tuesday, May 05, 2009 02:20
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

On Mon, 4 May 2009, Jim C wrote:

> For ordinary speech the average power is considerably less than the
peak
> power, and depends on how loud you talk and your voice
> characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> watts ssb is about what you can expect on the wattmeter, so if you
want
> 100 watts, you will need about a 400 watt amplifier

That is wrong, completely wrong.

If the transmitter is like the FT897 or many others, it is capable of
100W maximum or peak output. that is 100W on FM and most digital modes,
100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB and
AM.

That the typical power meter is not capable of correctly reading that
100W
PEP is totally irrelevant.

Try an experiment. Set up your transmitter and adjust it to give 100W
key
down on CW. By this, I mean using the key to generate one long dash.
Then transmit a long succession of dots, what does your power meter
read?

The problem is in the power measurement, not in the transmitter.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.
<http://www.gnu.org/philosophy/no-word-attachments.html>
org/philosophy/no-word-attachments.html>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25958. RE: [FT897] How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-05 18:30:10 UTC
From: Dr Mark Vaughan
Topic: 25956 Message: 25958

You want to try a hydrogen balloon.
Made one as a kid, flew a very long length of copper wire into the sky, reception was brilliant, keyed the mic and the balloon went bang, spent week covertly recovering wire from all the neighbours roofs.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Corfield
Sent: 05 May 2009 18:48
To: FT897@yahoogroups.com
Subject: [FT897] How easy is it to damage it with high swr

I had a few failed attempts to tune a kite antenna at 40m. Must have
been close to half wavelength. I tune on fm at 5w as that gives me a
carrier. Testing after into dummy load with power set to 5w i see 1w
on the meter. Set to 10w i see the full 10w.

Kite was too unstable to allow me to make a contact. Recieved really
well making tuning on recieve by looking for strongest signal hard.
Tuner seemed quite insensitive to all but wildest changes. On 80m
tuned much better.

Thx M0RJC/P

On 5/5/09, Geoff Blake <geoff@....co.uk <mailto:geoff%40palaemon.demon.co.uk> > wrote:
> On Tue, 5 May 2009, D. F. wrote:
>
>> I believe it is correct. We are NOT talking CW or AM or FM (that was
>> just mentioned as an example). The question was in relation to SSB.
>> And, YES, the PEAK output in SSB will depend on your voice. The radio,
>> while CAPABLE of 100w on SSB, usually never gets to full output because
>> your voice is "usually" not strong enough to drive the radio to 100w.
>> If you key the mic and whistle or put a tone into the mic, you would get
>> close to, if not a full, 100w reading. But because the human voice has

>> many "peaks and valleys" (on an oscilloscope), your voice is NOT strong
>> enough to drive the radio to 100w. Remember too, there is NO CARRIER on
>> SSB. What drives the power, therefore, is your voice.
>>
>> So, to get a full 100w out in SSB - WITH YOUR VOICE - you will need an
>> amplifier. How strong, offhand, I do not know, but it would need to be
>> much more than 100w.
>
> Sorry but wrong Dennis.
>
> The Peak Power rating of an amplifier is a design parameter. As it is a
> Linear amplifier, the output is determined by the input drive level (at
> least up to the capabilities of the amplifier) the way to increase the
> output is by increasing the microphone gain (but don't do this).
>
> The problem with increasing the mic gain is that signal peaks will
> overload the amplifier and cause splatter. A signal processor, if used
> correctly, will compress the peaks and increase the average power of the
> signal, the ultimate case is constant amplitude or infinitely compressed
> SSB, which has no amplitude component. In this case, the average power
> will also be 100W.
>
> What you will not need is a higher power linear, which is what I presume
> you mean.
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu.org/philosophy/no-word-attachments.html>
> --
>
> This E-mail and any attachment(s) are strictly confidential
> and is intended solely for the addressee(s). If you are not
> the intended recipient please notify
> <postmaster(at)palaemon.demon.co.uk>
> and the sender by return and permanently delete the message.
>
> You may not disclose, forward or copy this E-mail or any of
> its attachments to any third party without the prior consent
> of the sender.
>
> --
>

--
Sent from my mobile device

[Non-text portions of this message have been removed]

25959. Re: [FT897] How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-05 18:36:58 UTC
From: K9ZTV
Topic: 25956 Message: 25959

Otherwise known as "The Hindenburg Antenna."

Well-known in the Lakehurst, NJ area.

Kent K9ZTV

Dr Mark Vaughan wrote:
>
>
> You want to try a hydrogen balloon.
> Made one as a kid, flew a very long length of copper wire into the
> sky, reception was brilliant, keyed the mic and the balloon went bang,
> spent week covertly recovering wire from all the neighbours roofs.
>
>

[Non-text portions of this message have been removed]

25960. Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-05 19:45:46 UTC
From: Richard Corfield
Topic: 25956 Message: 25960

Great fun to read about. I don't think i'll try :-)

Richard M0RJC/P

On 5/5/09, K9ZTV <k9ztv@...> wrote:
> Otherwise known as "The Hindenburg Antenna."
>
> Well-known in the Lakehurst, NJ area.
>
>
> Kent K9ZTV
>
>
>
>
> Dr Mark Vaughan wrote:
>>
>>
>> You want to try a hydrogen balloon.
>> Made one as a kid, flew a very long length of copper wire into the
>> sky, reception was brilliant, keyed the mic and the balloon went bang,
>> spent week covertly recovering wire from all the neighbours roofs.
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

25961. Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-06 13:55:14 UTC
From: John B
Topic: 25902 Message: 25961

Isn□t the Compressor supposed to drive your voice to higher peaks?

Thanx a bunch!

John Berry

jonnybb1@...

[Non-text portions of this message have been removed]

25962. Re: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-06 14:22:39 UTC
From: Jim C
Topic: 25902 Message: 25962

Not higher peaks, but fills in the valleys to give a higher average power. Basically it compresses the peaks and amplifies the valleys . The RF peaks will not be over 100 watts if therig is rated at 100 watts

John B wrote:
>
>
> Isn?t the Compressor supposed to drive your voice to higher peaks?
>
> Thanx a bunch!
>
> John Berry
>
> jonnybb1@... <mailto:jonnybb1%40gmail.com>
>
> [Non-text portions of this message have been removed]
>
>

25963. Re: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-06 15:00:20 UTC
From: af2c@njdxa.org
Topic: 25902 Message: 25963

Compression does not drive the voice to "higher" peaks. It merely raises or fills the valleys between your voice peaks. This may be a poor analogy, but it is the best I can think of at the moment.

Check the photos and pictures in the various handbooks.

I use about 10-12 percent of compression with my voice. Too much compression causes distortion, splatter and nasty comments from users of adjacent frequencies.

73,
Jay/AF2C

At 06:55 AM 5/6/2009 -0700, you wrote:

>Isn't the Compressor supposed to drive your voice to higher peaks?
>
>Thanx a bunch!
>
>John Berry

25964. MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-07 16:01:55 UTC
From: tenorman1952
Topic: 25964 Message: 25964

NOW I finally have an answer to my frustration with the MH-36.

From Yaesu's Tech Support:

Paul:
If I am understanding what you are saying the difference between the MH-36 and the MH-59 mics is the MH-36 really only adds DTMF feature over the stock MH-31Mic. The MH-59 gives you full control of the radio. You can input frequencies, scan up and down, DTMF, and program the P keys. You are right tat there are no instructions for the MH-59 or 36 in the Operating Manual. If you wish, I can send you instructions for the MH-59 which are found in the FT-897's sister radio the FT-857.

73
Tim Factor, KT7F
Amateur Radio Technical Support
Vertex Standard USA, Inc.

This finally tells me what no one else did... the MH-36 does not provide the functions I was expecting. Unfortunately, there are no instructions explaining that (about the MH-36), or it would have saved a lot of wasted time.

Paul
AE5JU

25965. Re: [FT897] MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-07 16:09:12 UTC
From: N4CQR
Topic: 25964 Message: 25965

In short, there were no instructions for the instructions..

Craig

> This finally tells me what no one else did... the MH-36
> does not provide the functions I was expecting.
> Unfortunately, there are no instructions explaining that
> (about the MH-36), or it would have saved a lot of wasted
> time.

25966. Re: [FT897] MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-07 17:27:39 UTC
From: Lew Phelps K6LMP
Topic: 25964 Message: 25966

I just bought an MH-59. It will do everything except scratch your back
for you.

The instructions for its use are in a separate PDF file, an an
Addendum to the Manual. It may be available from Yaesu, but I know fur
sure it's available from a ham who posted it to the Internet, at:

http://jan.kepic.cz/_storage_/Yaesu-MH-59A8J-Manual.pdf

If you buy the mike, be sure to look at the resources available on the
Internet to fix two separate problems that the MH-59 suffers from.

1. RFI. The mike is susceptible to an RFI problem, so that when it's
keyed, RF gets into the mike circuit and keeps the PTT circuit
"closed," and the rig continues to transmit even when you release the
PTT button. The immediate short-term fix is to unplug the mike, but
that's obviously not a permanent solution. The problem can be fixed
by putting a small toroid into the mike and wrapping the mike leads
one turn through the toroid. see:

http://www.ae7q.net/doc/public/MH-59.php

for details. If that doesn't fix the problem, check your coax cables
for poorly connected shielding at one or the other of the connectors.
If you do this carefully, it's probably reversible without visible
effects, and thus wouldn't void the warranty.

2. Crummy audio (insufficient lows). For this fix, see:

http://members.cox.net/w1aex/mh59.html

Warning. "Step Two" of this mod involves soldering small capacitors
onto the circuit board in the mike, and probably will void the warranty.

Lew K6LMP

On May 7, 2009, at 9:01 AM, tenorman1952 wrote:

>
>
> NOW I finally have an answer to my frustration with the MH-36.
>
> From Yaesu's Tech Support:
>
> Paul:
> If I am understanding what you are saying the difference between the
> MH-36 and the MH-59 mics is the MH-36 really only adds DTMF feature
> over the stock MH-31Mic. The MH-59 gives you full control of the

> radio. You can input frequencies, scan up and down, DTMF, and
> program the P keys. You are right tat there are no instructions for
> the MH-59 or 36 in the Operating Manual. If you wish, I can send you
> instructions for the MH-59 which are found in the FT-897's sister
> radio the FT-857.
>
> 73
> Tim Factor, KT7F
> Amateur Radio Technical Support
> Vertex Standard USA, Inc.
>
> This finally tells me what no one else did... the MH-36 does not
> provide the functions I was expecting. Unfortunately, there are no
> instructions explaining that (about the MH-36), or it would have
> saved a lot of wasted time.
>
> Paul
> AE5JU
>
>

[Non-text portions of this message have been removed]

25967. main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 19:20:38 UTC
From: patecq
Topic: 25967 Message: 25967

greetings
I was taking my 897 to a weekend cabin when i opened the van tailgate and my box of radio stuff fell out. i fixed the swr needles on the tuner and the other problem is the 897 main dial. it works but has too much play and squeeks a little when turned. how to fix or ship out?
73 kc5slq

25968. Re: [FT897] main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 19:37:24 UTC
From: N4CQR
Topic: 25967 Message: 25968

Pull the rubber ring off the know and see if it has a set screw. If so, loosen it and pull the know forward a bit.

I can't remember how th eknow is held on. But a hard bump to the face of the radio could (well, probably would) drive it back on the shaft too far.

Craig

--- On Thu, 5/7/09, patecq <cqpate@...> wrote:

> From: patecq <cqpate@...t>
> Subject: [FT897] main dial
> To: FT897@yahoogroups.com
> Date: Thursday, May 7, 2009, 3:20 PM
> greetings
> I was taking my 897 to a weekend cabin when i opened the
> van tailgate and my box of radio stuff fell out. i fixed the
> swr needles on the tuner and the other problem is the 897
> main dial. it works but has too much play and squeeks a
> little when turned. how to fix or ship out?
> 73 kc5slq

25969. RE: [FT897] main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 19:53:49 UTC
From: D. F.
Topic: 25967 Message: 25969

There is rubber around the knob. This comes off and there is a set screw that is used to adjust/tighten the knob. It is a metric size (which escapes me right now) so a standard allen key will not work.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of patecq
Sent: Thursday, May 07, 2009 14:21
To: FT897@yahoogroups.com
Subject: [FT897] main dial

greetings
I was taking my 897 to a weekend cabin when i opened the van tailgate and my box of radio stuff fell out. i fixed the swr needles on the tuner and the other problem is the 897 main dial. it works but has too much play and squeeks a little when turned. how to fix or ship out?
73 kc5slq

[Non-text portions of this message have been removed]

25970. RE: [FT897] main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 20:30:25 UTC
From: N4CQR
Topic: 25967 Message: 25970

Obtain a mertic hex key?

Craig

--- On Thu, 5/7/09, D. F. <n8bmb1@...> wrote:

> From: D. F. <n8bmb1@...>
> Subject: RE: [FT897] main dial
> To: FT897@yahoogroups.com
> Date: Thursday, May 7, 2009, 3:53 PM
> There is rubber around the knob. This comes off and there
> is a set
> screw that is used to adjust/tighten the knob. It is a
> metric size
> (which escapes me right now) so a standard allen key will
> not work.
/

25971. RE: [FT897] main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 20:32:12 UTC
From: N4CQR
Topic: 25967 Message: 25971

Geesh... I mean, M E T R I C

I reall yneed to learn to spell correctly. AND proof read

Craig
  > > From: D. F. <n8bmb1@...>
> > Subject: RE: [FT897] main dial
> > To: FT897@yahoogroups.com
> > Date: Thursday, May 7, 2009, 3:53 PM
> > There is rubber around the knob. This comes off and
> there
> > is a set
> > screw that is used to adjust/tighten the knob. It is
> a
> > metric size
> > (which escapes me right now) so a standard allen key
> will
> > not work.

25972. RE: [FT897] main dial

Yahoo group: FT897 (2009)
Date: 2009-05-07 21:07:49 UTC
From: D. F.
Topic: 25967 Message: 25972

LOL, yes, it is METRIC. Go figure!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of N4CQR
Sent: Thursday, May 07, 2009 15:32
To: FT897@yahoogroups.com
Subject: RE: [FT897] main dial

Geesh... I mean, M E T R I C

I reall yneed to learn to spell correctly. AND proof read

Craig
> > From: D. F. <n8bmb1@yahoo. <mailto:n8bmb1%40yahoo.com> com>
> > Subject: RE: [FT897] main dial
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > Date: Thursday, May 7, 2009, 3:53 PM
> > There is rubber around the knob. This comes off and
> there
> > is a set
> > screw that is used to adjust/tighten the knob. It is
> a
> > metric size
> > (which escapes me right now) so a standard allen key
> will
> > not work.

[Non-text portions of this message have been removed]

25973. Re: main dial

Yahoo group: FT897 (2009)
Date: 2009-05-08 14:03:21 UTC
From: tenorman1952
Topic: 25967 Message: 25973

You can pick up some nice small sets of allen wrenches at Radio Shack. They have a "ball end", which allows you to use the wrench at a slight angle.

They come in both inch and metric sets.

They are all out of mertic sets.

Paul
AE5JU

25974. Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 14:54:42 UTC
From: dyarnes1
Topic: 25964 Message: 25974

You may be making it more complicated than necessary. The FT-897 (as well as the FT-857 and FT-817) all come with a simple microphone--the MH-31. It has no touchtone pad. The only thing the MH-36 gives you is a keypad, so you can enter tones. It's really just an MH-31 with a keypad added. The MH-59 is the super whammy whiz bang model that also will do remote control functions on the FT-857 and FT-897. By the way, I think it's pretty "stinko" of Yaesu to not include the MH-36 as the standard microphone, instead of the MH-31, or at least give you an option to get the touchtone model instead of the plain jane model by just paying the differential.

Dave W7AQK

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> NOW I finally have an answer to my frustration with the MH-36.
>
> From Yaesu's Tech Support:
>
> Paul:
> If I am understanding what you are saying the difference between the MH-36 and the MH-59 mics is the MH-36 really only adds DTMF feature over the stock MH-31Mic. The MH-59 gives you full control of the radio. You can input frequencies, scan up and down, DTMF, and program the P keys. You are right tat there are no instructions for the MH-59 or 36 in the Operating Manual. If you wish, I can send you instructions for the MH-59 which are found in the FT-897's sister radio the FT-857.
>
> 73
> Tim Factor, KT7F
> Amateur Radio Technical Support
> Vertex Standard USA, Inc.
>
>
> This finally tells me what no one else did... the MH-36 does not provide the functions I was expecting. Unfortunately, there are no instructions explaining that (about the MH-36), or it would have saved a lot of wasted time.
>
> Paul
> AE5JU
>

25975. Re: main dial fixed

Yahoo group: FT897 (2009)
Date: 2009-05-08 16:54:48 UTC
From: patecq
Topic: 25967 Message: 25975

thanks to the 897 group.
a blade screwdriver can easily work off the main dial rubber grip.
i did have a metric hex that fit the screw at the bottom and lets the big knob come off.
there is a circular spring that wraps around a thread shaft coming out of the radio. how far the spring is screwed onto the shaft determined the tension of spinning knob.
the fall out of the van brought the spring closer to the front which gave it too much play.
works fine now. thanks

25976. RE: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 17:13:23 UTC
From: Bruce Krell
Topic: 25964 Message: 25976

>> By the way, I think it's pretty "stinko" of Yaesu to not include the MH-36 as the standard microphone, instead of the MH-31, or at least give you an option to get the touchtone model instead of the plain jane model by just paying the differential.

Any company has to base the selling price on its costs and anticipated profits
and on the effect of price on sales. A higher price means fewer sales.
Yaesu made this decision when they chose to include the MH-31.
In fact, the price you pay for the MH-36 or the MH-59 is "the differential".
If they had included the MH-36 and added $50 to the price, would you have bought the radio at the higher price?

I would have preferred that they included the MH-59, charged the higher price,
and saved me the hassle, time, and postage of ordering the mic. Nothing in their advertising prepared me for the uselessness of the MH-36. I would have preferred just to get the best combination and be charged at the beginning, and avoid all that extra ordering time.

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of dyarnes1
Sent: Friday, May 08, 2009 7:55 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: MH-36 vs MH-59

You may be making it more complicated than necessary. The FT-897 (as well as the FT-857 and FT-817) all come with a simple microphone--the MH-31. It has no touchtone pad. The only thing the MH-36 gives you is a keypad, so you can enter tones. It's really just an MH-31 with a keypad added. The MH-59 is the super whammy whiz bang model that also will do remote control functions on the FT-857 and FT-897. By the way, I think it's pretty "stinko" of Yaesu to not include the MH-36 as the standard microphone, instead of the MH-31, or at least give you an option to get the touchtone model instead of the plain jane model by just paying the differential.

Dave W7AQK

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> NOW I finally have an answer to my frustration with the MH-36.
>
> From Yaesu's Tech Support:
>

> Paul:
> If I am understanding what you are saying the difference between the MH-36 and the MH-59 mics is the MH-36 really only adds DTMF feature over the stock MH-31Mic. The MH-59 gives you full control of the radio. You can input frequencies, scan up and down, DTMF, and program the P keys. You are right tat there are no instructions for the MH-59 or 36 in the Operating Manual. If you wish, I can send you instructions for the MH-59 which are found in the FT-897's sister radio the FT-857.
>
> 73
> Tim Factor, KT7F
> Amateur Radio Technical Support
> Vertex Standard USA, Inc.
>
>
> This finally tells me what no one else did... the MH-36 does not provide the functions I was expecting. Unfortunately, there are no instructions explaining that (about the MH-36), or it would have saved a lot of wasted time.
>
> Paul
> AE5JU
>

[Non-text portions of this message have been removed]

25977. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 17:55:37 UTC
From: Patrick Ouellette
Topic: 25964 Message: 25977

On Fri, May 08, 2009 at 10:13:23AM -0700, Bruce Krell wrote:
> In fact, the price you pay for the MH-36 or the MH-59 is "the differential".
> If they had included the MH-36 and added $50 to the price, would you have
> bought the radio at the higher price?

Not exactly. Yaesu is not taking your original mic and giving you a discount equal to their cost on the old mic. You are paying the full retail price (as determined by the market) for the MH-36, MH-59, or other accessory.

Gigaparts lists the selling price of the MH-59 as $82.00 today. If Yaesu elected to make it the standard mic included with the ft-857/897 the cost to Yaesu would not go up $82.00 for each radio. It is even possible due to an increase in the number of MH-59s Yaesu is manufacturing, the cost per unit might go down.

73,

Pat NE4PO
--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO
"Crank the amp to 11, this needs more cowbell - and a llama wouldn't hurt either"
"Your arguments are an odd mix of overly optimistic on one side and overly pessimistic on the other"

25978. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 18:25:51 UTC
From: Lew Phelps K6LMP
Topic: 25964 Message: 25978

Pat, I can't follow your logic here. Yaesu's cost would go up by its "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.

Let's say, for the sake of discussion, that Yaesu's cost to manufacture each mike is half the retail cost. So its added cost would be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If they made the MH-59 standard, they would not bear the cost of making an MH-31 to put into the 897 box.

Again, assuming for discussion's sake that they are doubling the manufacturing cost to arrive at a retail price, that would mean they would add about $50 to the cost of the FT-897 if they sold it with the MH-59 as the standard mike.

A more rational and customer-friendly approach by Vertex-Standard would be to offer the rig with either mike, your choice, with an added price for the MH-59.

Lew K6LMP

On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:
[snip]
>
> If Yaesu elected to make it the standard mic included with the
> ft-857/897 the cost
> to Yaesu would not go up $82.00 for each radio. It is even possible
> due to
> an increase in the number of MH-59s Yaesu is manufacturing, the cost
> per unit
> might go down.
>
> 73,
>
> Pat NE4PO
> --
>

[Non-text portions of this message have been removed]

25979. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 18:41:24 UTC
From: Patrick Ouellette
Topic: 25964 Message: 25979

On Fri, May 08, 2009 at 11:25:51AM -0700, Lew Phelps K6LMP wrote:
> Date: Fri, 08 May 2009 11:25:51 -0700
> From: Lew Phelps K6LMP <k6lmp@...>
> Subject: Re: [FT897] Re: MH-36 vs MH-59
> To: FT897@yahoogroups.com
> X-Mailer: Apple Mail (2.930.3)
>
> Pat, I can't follow your logic here. Yaesu's cost would go up by its
> "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.
>

I'm saying the wholesale cost of the MH-59 might go down due to the higher volume of MH-59s.

> Let's say, for the sake of discussion, that Yaesu's cost to
> manufacture each mike is half the retail cost. So its added cost would
> be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If
> they made the MH-59 standard, they would not bear the cost of making
> an MH-31 to put into the 897 box.
>
> Again, assuming for discussion's sake that they are doubling the
> manufacturing cost to arrive at a retail price, that would mean they
> would add about $50 to the cost of the FT-897 if they sold it with
> the MH-59 as the standard mike.
>
> A more rational and customer-friendly approach by Vertex-Standard
> would be to offer the rig with either mike, your choice, with an added
> price for the MH-59.

It would be nice. Some would say they do that already, and throw in the other mic ;)

Pat NE4PO

--

Patrick Ouellette pat@...
ne4po (at) arrl (dot) net Amateur Radio: NE4PO
"Crank the amp to 11, this needs more cowbell - and a llama wouldn't hurt either"
"Your arguments are an odd mix of overly optimistic on one side and overly pessimistic on the other"

25980. RE: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 18:49:22 UTC
From: Bruce Krell
Topic: 25964 Message: 25980

I think that Lew's analysis is right on.
And, is consistent with what I was trying to say.

The cost that you face is NOT the cost of Yaesu to manufacture.
In between you and Yaesu are a bunch of people who are entitled
to make a profit.

So, if Yaesu were to bundle the MH-59 with the radio, you would likely
see that the cost of the radio would go up to the current retail cost plus
the retail cost of the MH-16. You might save a few dollars due to the
"differential" but not very much.

By your logic, Yaesu should just bundle every possible accessory
with the FT-897D. This would just not make sense.

I am sure that a lot of FT-897D owners use the MH-16 and find it
sufficient for their needs. You can do everything you need through the
front panel, and many people can not afford or do not want to spend
extra for the better microphone.

Yaesu attempts to satisfy all markets by throwing a gazillion features
into the base unit and providing an optional set of accessories.

What they give you for the money is quite good.
I did a lot of comparison shopping and found that FT-897D to
give the best set of features for the money.

Bruce Krell, AE6VG

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Lew
Phelps K6LMP
Sent: Friday, May 08, 2009 11:26 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: MH-36 vs MH-59

Pat, I can't follow your logic here. Yaesu's cost would go up by its
"wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.

Let's say, for the sake of discussion, that Yaesu's cost to
manufacture each mike is half the retail cost. So its added cost would
be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If
they made the MH-59 standard, they would not bear the cost of making
an MH-31 to put into the 897 box.

Again, assuming for discussion's sake that they are doubling the
manufacturing cost to arrive at a retail price, that would mean they
would add about $50 to the cost of the FT-897 if they sold it with

the MH-59 as the standard mike.

A more rational and customer-friendly approach by Vertex-Standard would be to offer the rig with either mike, your choice, with an added price for the MH-59.

Lew K6LMP

On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:
[snip]
>
> If Yaesu elected to make it the standard mic included with the
> ft-857/897 the cost
> to Yaesu would not go up $82.00 for each radio. It is even possible
> due to
> an increase in the number of MH-59s Yaesu is manufacturing, the cost
> per unit
> might go down.
>
> 73,
>
> Pat NE4PO
> --
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25981. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 19:41:05 UTC
From: DALE BLANCHARD
Topic: 25964 Message: 25981

I can remember when radios did not come with mikes.
It would be a brilliant marketing scheme to return to that..
Dale

----- Original Message -----
From: "Lew Phelps K6LMP" <k6lmp@...>
To: FT897@yahoogroups.com
Sent: Friday, May 8, 2009 11:25:51 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Re: MH-36 vs MH-59

Pat, I can't follow your logic here. Yaesu's cost would go up by its "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.

Let's say, for the sake of discussion, that Yaesu's cost to manufacture each mike is half the retail cost. So its added cost would be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If they made the MH-59 standard, they would not bear the cost of making an MH-31 to put into the 897 box.

Again, assuming for discussion's sake that they are doubling the manufacturing cost to arrive at a retail price, that would mean they would add about $50 to the cost of the FT-897 if they sold it with the MH-59 as the standard mike.

A more rational and customer-friendly approach by Vertex-Standard would be to offer the rig with either mike, your choice, with an added price for the MH-59.

Lew K6LMP

On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:
[snip]
>
> If Yaesu elected to make it the standard mic included with the
> ft-857/897 the cost
> to Yaesu would not go up $82.00 for each radio. It is even possible
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> an increase in the number of MH-59s Yaesu is manufacturing, the cost
> per unit
> might go down.
>
> 73,
>
> Pat NE4PO
> --
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25982. Re: [FT897] MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-07 17:40:45 UTC
From: Thomas Wilson
Topic: 25964 Message: 25982

Did you notice the same audio issues (poor bottom end) as w1eax? Did you perform the mod with the caps, or were the mechanical modifications enough to fix the problems? Also, does it help to use the TX EQ settings built in to the radio?

I'm seriously thinking about getting the mic, myself. I mostly use the radio next to the computer, so I use CAT to change freqs, but it'd be nice to have a little more control on the radio itself (for example, I always set my power output to 5w while tuning after changing bands.. that's a pain from the front panel.)

On Thu, May 7, 2009 at 10:27 AM, Lew Phelps K6LMP <k6lmp@...> wrote:

>
>
> I just bought an MH-59. It will do everything except scratch your back
> for you.
>
> The instructions for its use are in a separate PDF file, an an
> Addendum to the Manual. It may be available from Yaesu, but I know fur
> sure it's available from a ham who posted it to the Internet, at:
>
> http://jan.kepic.cz/_storage_/Yaesu-MH-59A8J-Manual.pdf
>
> If you buy the mike, be sure to look at the resources available on the
> Internet to fix two separate problems that the MH-59 suffers from.
>
> 1. RFI. The mike is susceptible to an RFI problem, so that when it's
> keyed, RF gets into the mike circuit and keeps the PTT circuit
> "closed," and the rig continues to transmit even when you release the
> PTT button. The immediate short-term fix is to unplug the mike, but
> that's obviously not a permanent solution. The problem can be fixed
> by putting a small toroid into the mike and wrapping the mike leads
> one turn through the toroid. see:
>
> http://www.ae7q.net/doc/public/MH-59.php
>
> for details. If that doesn't fix the problem, check your coax cables
> for poorly connected shielding at one or the other of the connectors.
> If you do this carefully, it's probably reversible without visible
> effects, and thus wouldn't void the warranty.
>
> 2. Crummy audio (insufficient lows). For this fix, see:
>
> http://members.cox.net/w1aex/mh59.html
>

> Warning. "Step Two" of this mod involves soldering small capacitors
> onto the circuit board in the mike, and probably will void the warranty.
>
> Lew K6LMP
>
> On May 7, 2009, at 9:01 AM, tenorman1952 wrote:
>
> >
> >
> > NOW I finally have an answer to my frustration with the MH-36.
> >
> > From Yaesu's Tech Support:
> >
> > Paul:
> > If I am understanding what you are saying the difference between the
> > MH-36 and the MH-59 mics is the MH-36 really only adds DTMF feature
> > over the stock MH-31Mic. The MH-59 gives you full control of the
> > radio. You can input frequencies, scan up and down, DTMF, and
> > program the P keys. You are right tat there are no instructions for
> > the MH-59 or 36 in the Operating Manual. If you wish, I can send you
> > instructions for the MH-59 which are found in the FT-897's sister
> > radio the FT-857.
> >
> > 73
> > Tim Factor, KT7F
> > Amateur Radio Technical Support
> > Vertex Standard USA, Inc.
> >
> > This finally tells me what no one else did... the MH-36 does not
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> > instructions explaining that (about the MH-36), or it would have
> > saved a lot of wasted time.
> >
> > Paul
> > AE5JU
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

25983. FM Broadcast Receive

Yahoo group: FT897 (2009)
Date: 2009-05-04 00:08:09 UTC
From: maverick13a
Topic: 25983 Message: 25983

My FT897 is new and I am unable to figure out how to receive local FM broadcast stations.
Is there some secret I missed in the manual.
Thanks,

AC5AD John

25984. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 19:16:04 UTC
From: Thomas Wilson
Topic: 25964 Message: 25984

oops... bad math. $750,000. Still, 3/4 of a million dollars is rather large chunk of change.

On Fri, May 8, 2009 at 12:14 PM, Thomas Wilson <wilsontp@...> wrote:

> I seriously doubt the manufacturing cost of the MH-59 is more than $10. I'm
> going to make some assumptions here: assume Yaesu's whole price is $40 and
> that 1/4 of FT-857 and FT-897 owners buy the microphone. If 1/4 of FT-897
> owners buy the mic, we're looking at Yaesu making an extra $7.50 per radio
> sold. If they sell 100,000 radios, that's $7.5 *million* in extra revenue
> by not bundling the mic with the radio.
>
> NOW do you see why they don't bundle the mic, even though we'd sure as heck
> like them to?
>
>
>
> On Fri, May 8, 2009 at 11:49 AM, Bruce Krell <BKrell@...>wrote:
>
>>
>>
>> I think that Lew's analysis is right on.
>> And, is consistent with what I was trying to say.
>>
>> The cost that you face is NOT the cost of Yaesu to manufacture.
>> In between you and Yaesu are a bunch of people who are entitled
>> to make a profit.
>>
>> So, if Yaesu were to bundle the MH-59 with the radio, you would likely
>> see that the cost of the radio would go up to the current retail cost plus
>> the retail cost of the MH-16. You might save a few dollars due to the
>> "differential" but not very much.
>>
>> By your logic, Yaesu should just bundle every possible accessory
>> with the FT-897D. This would just not make sense.
>>
>> I am sure that a lot of FT-897D owners use the MH-16 and find it
>> sufficient for their needs. You can do everything you need through the
>> front panel, and many people can not afford or do not want to spend
>> extra for the better microphone.
>>
>> Yaesu attempts to satisfy all markets by throwing a gazillion features
>> into the base unit and providing an optional set of accessories.
>>
>> What they give you for the money is quite good.

>> I did a lot of comparison shopping and found that FT-897D to
>> give the best set of features for the money.
>>
>> Bruce Krell, AE6VG
>>
>>
>> -----Original Message-----
>> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
>> FT897@yahoogroups.com <FT897%40yahoogroups.com>]On Behalf Of Lew
>> Phelps K6LMP
>> Sent: Friday, May 08, 2009 11:26 AM
>> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
>> Subject: Re: [FT897] Re: MH-36 vs MH-59
>>
>> Pat, I can't follow your logic here. Yaesu's cost would go up by its
>> "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.
>>
>> Let's say, for the sake of discussion, that Yaesu's cost to
>> manufacture each mike is half the retail cost. So its added cost would
>> be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If
>> they made the MH-59 standard, they would not bear the cost of making
>> an MH-31 to put into the 897 box.
>>
>> Again, assuming for discussion's sake that they are doubling the
>> manufacturing cost to arrive at a retail price, that would mean they
>> would add about $50 to the cost of the FT-897 if they sold it with
>> the MH-59 as the standard mike.
>>
>> A more rational and customer-friendly approach by Vertex-Standard
>> would be to offer the rig with either mike, your choice, with an added
>> price for the MH-59.
>>
>> Lew K6LMP
>>
>> On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:
>> [snip]
>> >
>> > If Yaesu elected to make it the standard mic included with the
>> > ft-857/897 the cost
>> > to Yaesu would not go up $82.00 for each radio. It is even possible
>> > due to
>> > an increase in the number of MH-59s Yaesu is manufacturing, the cost
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>> >
>> > 73,
>> >
>> > Pat NE4PO
>> > --
>> >

>>
>> [Non-text portions of this message have been removed]
>>
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>>
>>
>>
>
>
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

25985. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 15:32:35 UTC
From: knight1492@aol.com
Topic: 25902 Message: 25985

enuff already !!!

From: k9ztv@...
Reply-to: FT897@yahoogroups.com
To: FT897@yahoogroups.com
Sent: 5/5/2009 11:30:57 A.M. Eastern Daylight Time
Subj: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Friends . . .

I think we have lost sight of the original posting which dealt with someone's concern that his new FT-897's meter was only showing 30 watts output on SSB. Somehow the discussion got sidetracked into theory and oscilloscopes.

A typical transceiver's output meter will INDICATE approximately 30 watts output for the typical human voice even though the rig itself is rated 100 watts PEP output. Assuming the use of a decent microphone, increasing the MIC gain beyond the ALC level indicated in the owner's manual will usually create distortion and IMD products.

That was all that several of us were attempting to explain to the original poster.

73,

Kent K9ZTV

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

25986. Re: Noise levels of the 897 vs. the 450

Yahoo group: FT897 (2009)
Date: 2009-05-05 20:28:30 UTC
From: ki6abz
Topic: 25307 Message: 25986

I just got an FT-897 last week. I'm very disappointed by the fact that the squelch and RF-gain are on the same knob, and there's no provision for automatically switching modes when you change from SSB to AM/FM.

Personally, I wish the clarifier knob could be used for RF gain when in its "neutral" mode, so I could actually use it. As it is, I pretty much leave the knob in squelch mode, since I need it for repeater operation.

--- In FT897@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Play around with both the RF gain and IF till you get it set how you want...I was gob smacked by the result I achieved.
>
> Hope this helps everyone
>

25987. how to wideband 897d on tx and rx just using software and cat cable

Yahoo group: FT897 (2009)
Date: 2009-05-07 19:43:47 UTC
From: louismacrides
Topic: 25987 Message: 25987

hello to everyone from 2e0zdj ,is it possible to wideband my yaesu 897d on tx and rx,is so can you tell me how please ,i have cal lead thanks 73s

25988. Re: [FT897] How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-05 17:56:39 UTC
From: K.Greenough
Topic: 25956 Message: 25988

Hello Richard,
A halfwave will present a very high impedance to
your tuner, possibly too high for it to match [on
40m] whereas on 80m it would be a quarter wave
with relatively low impedance and your tuner
would have a much easier time matching up.
At 5 or 10 watts out of the 897 I doubt that any
mismatch would damage the PA.
73 Ken g8beq

[Non-text portions of this message have been removed]

25989. DSP or CW filter

Yahoo group: FT897 (2009)
Date: 2009-05-04 04:30:44 UTC
From: pvcjunkiee
Topic: 25989 Message: 25989

I do not have the addon filters so I use the dsp filter at 60 hz when working CW, mostly on 40 meters at night. I am thinking about getting the collins filters. Does anyone have a video or audio of the difference between just normal receive, receive with dsp, receive plus 300 or 500 kz filter, and receive with filter and dsp. I would also like to hear the difference between the 500 hz filter and the 300 hz filter.
Thanks for your help

Thanks
Bryan
KG4ENB

25990. new radios

Yahoo group: FT897 (2009)
Date: 2009-05-08 03:02:50 UTC
From: Louis Childers
Topic: 25990 Message: 25990

Does anyone know where I can get some info of the new Yaesu FT-7900R and FT-2900R?
THX, Lou N9LTW

25991. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 19:14:30 UTC
From: Thomas Wilson
Topic: 25964 Message: 25991

I seriously doubt the manufacturing cost of the MH-59 is more than $10. I'm going to make some assumptions here: assume Yaesu's whole price is $40 and that 1/4 of FT-857 and FT-897 owners buy the microphone. If 1/4 of FT-897 owners buy the mic, we're looking at Yaesu making an extra $7.50 per radio sold. If they sell 100,000 radios, that's $7.5 *million* in extra revenue by not bundling the mic with the radio.

NOW do you see why they don't bundle the mic, even though we'd sure as heck like them to?

On Fri, May 8, 2009 at 11:49 AM, Bruce Krell <BKrell@...>wrote:

>
>
> I think that Lew's analysis is right on.
> And, is consistent with what I was trying to say.
>
> The cost that you face is NOT the cost of Yaesu to manufacture.
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> Bruce Krell, AE6VG
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>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:

> FT897@yahoogroups.com <FT897%40yahoogroups.com>]On Behalf Of Lew
> Phelps K6LMP
> Sent: Friday, May 08, 2009 11:26 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Re: MH-36 vs MH-59
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> Lew K6LMP
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> On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:
> [snip]
> >
> > If Yaesu elected to make it the standard mic included with the
> > ft-857/897 the cost
> > to Yaesu would not go up $82.00 for each radio. It is even possible
> > due to
> > an increase in the number of MH-59s Yaesu is manufacturing, the cost
> > per unit
> > might go down.
> >
> > 73,
> >
> > Pat NE4PO
> > --
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

25992. Kenwood TL-922A and FT-897 amplifier problem in UK - and repair or service ctr?

Yahoo group: FT897 (2009)
Date: 2009-05-04 09:05:20 UTC
From: simon.worsley
Topic: 25992 Message: 25992

Gents,

Thanks for the bandwidth and apologies for being slightly off topic !!

My TL-922A on 80m with 30watt drive from my ft-897, the amplifier is producing 100 to 150watts LSB output on VOICE PEAKS. If i whistle its a lot more.

Is that the right sort of output for 30w lSb VOICE input to the amp?

I was speaking to a couple of UK stations yesterday evening, and they told me there is definitely something wrong with my amp as 30watts LSB voice overs should produce 350 to 400watts output on voice overs and a lot more on a whistle.

Please help?

Also does anyone know anyone in the UK where I can send the amp for testing and to have the noisy relay mod carried out?

Thanks for your help in advance!

73s. Simon UK

25993. Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-03 21:24:35 UTC
From: maverick13a
Topic: 25993 Message: 25993

My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing?
Thanks,

John
AC5AD

25994. Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-07 04:21:51 UTC
From: jabiru120
Topic: 25902 Message: 25994

--- In FT897@yahoogroups.com, af2c@... wrote:
In the files section there is a very well researched article which fully examines the 897D power output issue on SSB.
It is called FTalc.PDF and is written by Martin Ehrenfried.
It also addresses issues he found with the MH31 mic as, like Martin, my bassy voice does not "work" with this mic either.
Rick

>
> Compression does not drive the voice to "higher" peaks. It merely raises
> or fills the valleys between your voice peaks. This may be a poor analogy,
> but it is the best I can think of at the moment.
>
> Check the photos and pictures in the various handbooks.
>
> I use about 10-12 percent of compression with my voice. Too much
> compression causes distortion, splatter and nasty comments from users of
> adjacent frequencies.
>
> 73,
> Jay/AF2C
>
>
>
> At 06:55 AM 5/6/2009 -0700, you wrote:
>
>
> >Isn't the Compressor supposed to drive your voice to higher peaks?
> >
> >Thanx a bunch!
> >
> >John Berry
>

25995. software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-08 17:24:31 UTC
From: louismacrides
Topic: 25995 Message: 25995

hello to all i wonder is there a software down load so i can transmit between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis 2e0zdj, ps i have already done 40 m software for 7100,to 7200

25996. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-08 17:50:22 UTC
From: Thomas Wilson
Topic: 25964 Message: 25996

The actual difference in manufacturing cost is probably less than $5.
There's nothing special about that microphone from a manufacturing
standpoint: it's got fewer parts than a cheap push-button telephone, and I
can get a phone for $10 at Wal-Mart.

Yaesu includes DTMF control mics with all of the UHF/VHF radios, presumably
because you need the DTMF capability to control repeaters. Since this radio
is also repeater capable, don't we need that ability, too? If I didn't want
to work repeaters with this radio, I would have bought an FT-450 instead.

No, it's about getting an extra $80 out of us, pure and simple.

On Fri, May 8, 2009 at 10:13 AM, Bruce Krell <BKrell@...>wrote:

>
>
> >> By the way, I think it's pretty "stinko" of Yaesu to not include the
> MH-36 as the standard microphone, instead of the MH-31, or at least give
> you
> an option to get the touchtone model instead of the plain jane model by
> just
> paying the differential.
>
> Any company has to base the selling price on its costs and anticipated
> profits
> and on the effect of price on sales. A higher price means fewer sales.
> Yaesu made this decision when they chose to include the MH-31.
> In fact, the price you pay for the MH-36 or the MH-59 is "the
> differential".
> If they had included the MH-36 and added $50 to the price, would you have
> bought the radio at the higher price?
>

[Non-text portions of this message have been removed]

25997. Re: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-06 14:03:18 UTC
From: K.Greenough
Topic: 25902 Message: 25997

Not quite John,
It should leave the peaks at their present level but bring up the lower audio levels so that the average audio power is higher.
73 Ken g8beq
----- Original Message -----
From: John B
To: FT897@yahoogroups.com
Sent: Wednesday, May 06, 2009 2:55 PM
Subject: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Isn?t the Compressor supposed to drive your voice to higher peaks?

Thanx a bunch!

John Berry

jonnybb1@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

25998. Making my own CT-62 from a USB port

Yahoo group: FT897 (2009)
Date: 2009-05-09 03:27:01 UTC
From: ka2ugz
Topic: 25998 Message: 25998

Hello all -

I am attempting to make a CAT cable from a USB-TTL serial port. I have used this before with non-Yaesu radios with success. The new laptops don't have 9-pin serial ports and I want to avoid the USB to serial port converter.

I am trying to determine what the proper logic levels are for TXD and RXD which I traced on the schematic to the processor. I am also unsure if a signal inversion is needed.

A pointer for the processor data sheet would help.

Thanks - Jay KA2UGZ

25999. Re: [FT897] FM Broadcast Receive

Yahoo group: FT897 (2009)
Date: 2009-05-09 04:45:42 UTC
From: ke7hge
Topic: 25983 Message: 25999

Do you have setting #001 extended menu set to "on"? Also need to be sure menu #004 am&fm dial is set to "enable"

Ken ke7hge

----- Original Message -----
From: maverick13a
To: FT897@yahoogroups.com
Sent: Sunday, May 03, 2009 5:08 PM
Subject: [FT897] FM Broadcast Receive

My FT897 is new and I am unable to figure out how to receive local FM broadcast stations. Is there some secret I missed in the manual.
Thanks,

AC5AD John

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.325 / Virus Database: 270.12.22/2105 - Release Date: 05/08/09 11:43:00

[Non-text portions of this message have been removed]

26000. Re: Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-09 04:48:04 UTC
From: John Rabold
Topic: 25993 Message: 26000

--- In FT897@yahoogroups.com, "maverick13a" <maverick13a@...> wrote:

>> My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing? <<

On my rig, the band just above the 6-meter band will receive WFM in the FM broadcast band. This is diagrammed in the "Operating Band Selection" section of the manual. In the circular graphic, the FM broadcast band is shown as 88MHz.

So to get there, you need to be using one of the VFOs, and press Band Up or Band Down as necessary to reach the band just above (in frequency) the 6-meter (50MHz) band. If necessary, change the mode to WFM.

Don't expect stereo! Or even high fidelity. But it's not bad sound.

This band uses the VHF/UHF antenna, not the HF antenna. So be sure you have an antenna of some sort connected to the VHF/UHF socket.

John KS6M

26001. Re: [FT897] Making my own CT-62 from a USB port

Yahoo group: FT897 (2009)
Date: 2009-05-09 05:06:20 UTC
From: "Glenn (KØBO)"
Topic: 25998 Message: 26001

ka2ugz wrote:
> Hello all -
>
> I am attempting to make a CAT cable from a USB-TTL serial port. I have used this before with non-Yaesu radios with success. The new laptops don't have 9-pin serial ports and I want to avoid the USB to serial port converter.
>
> I am trying to determine what the proper logic levels are for TXD and RXD which I traced on the schematic to the processor. I am also unsure if a signal inversion is needed.
>
> A pointer for the processor data sheet would help.
>
> Thanks - Jay KA2UGZ
>

I think what your asking is to go straight from the logic of the USB chip to the radio interface skipping the RS232 level electronics all together.

Excellent Idea!

The CAT interface is simple TTL levels while the USB converter is *probably* 3.3v. But, I think that you may get away with it as a 5v spec is for TTL only. If inversion or a higher level is needed, one can use a simple xsistor to bring the level up or invert it. The radio shack scanner adapter may be all you need. It has a mini plug and is only 5v but you will have to figure out the logic of either inverting or non-inverting.

Unfortunately, I think you may be on your own trying to make this work. I would love to spend the time trying if I had it. Please report back top the group if you succeed please!

26002. Re: [FT897] Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-09 07:04:26 UTC
From: jurgen vogel
Topic: 25964 Message: 26002

Hello there.
I am very sorry, but all of you are very wrong indeed. The actual manufacturing costs in mass manufacture are quite different. I went into this and contacted a few manufacturers in China. The actual cost of a 1 to 1 copy in China of the standard microphone would be only one dollar and 22 cents. The copy for the keyboard microphone would only be 8 cents more. This however would only apply to a minimum order of ca 20.000 units. So the cost difference to Yeasu would not affect the retail price of the Ft 897 at all. The manufacturing price in electronic components really has no relation to the final sales price. Just look at the prices on E-bay from the Hongkong suppliers.

I do believe that the reality is quite different. The company tries to make as much money as possible with the extras sold. This is of course quite normal, they are in the business to make money.

Best 73's Jurgen VK6AHI

Jurgen

--- On Sat, 9/5/09, Thomas Wilson <wilsontp@gmail.com> wrote:

From: Thomas Wilson <wilsontp@...>
Subject: Re: [FT897] Re: MH-36 vs MH-59
To: FT897@yahoogroups.com
Received: Saturday, 9 May, 2009, 5:14 AM

I seriously doubt the manufacturing cost of the MH-59 is more than $10. I'm

going to make some assumptions here: assume Yaesu's whole price is $40 and

that 1/4 of FT-857 and FT-897 owners buy the microphone. If 1/4 of FT-897

owners buy the mic, we're looking at Yaesu making an extra $7.50 per radio

sold. If they sell 100,000 radios, that's $7.5 *million* in extra revenue by

not bundling the mic with the radio.

NOW do you see why they don't bundle the mic, even though we'd sure as heck

like them to?

On Fri, May 8, 2009 at 11:49 AM, Bruce Krell <BKrell@swarchitects .com>wrote:

>

>

> I think that Lew's analysis is right on.

> And, is consistent with what I was trying to say.
>
> The cost that you face is NOT the cost of Yaesu to manufacture.
> In between you and Yaesu are a bunch of people who are entitled
> to make a profit.
>
> So, if Yaesu were to bundle the MH-59 with the radio, you would likely
> see that the cost of the radio would go up to the current retail cost plus
> the retail cost of the MH-16. You might save a few dollars due to the
> "differential" but not very much.
>
> By your logic, Yaesu should just bundle every possible accessory
> with the FT-897D. This would just not make sense.
>
> I am sure that a lot of FT-897D owners use the MH-16 and find it
> sufficient for their needs. You can do everything you need through the
> front panel, and many people can not afford or do not want to spend
> extra for the better microphone.
>
> Yaesu attempts to satisfy all markets by throwing a gazillion features
> into the base unit and providing an optional set of accessories.
>
> What they give you for the money is quite good.
> I did a lot of comparison shopping and found that FT-897D to
> give the best set of features for the money.
>
> Bruce Krell, AE6VG
>
>

> -----Original Message-----

> From: FT897@yahoogroups. com <FT897%40yahoogroup s.com> [mailto:

> FT897@yahoogroups. com <FT897%40yahoogroup s.com>]On Behalf Of Lew

> Phelps K6LMP

> Sent: Friday, May 08, 2009 11:26 AM

> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>

> Subject: Re: [FT897] Re: MH-36 vs MH-59

>

> Pat, I can't follow your logic here. Yaesu's cost would go up by its

> "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.

>

> Let's say, for the sake of discussion, that Yaesu's cost to

> manufacture each mike is half the retail cost. So its added cost would

> be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If

> they made the MH-59 standard, they would not bear the cost of making

> an MH-31 to put into the 897 box.

>

> Again, assuming for discussion's sake that they are doubling the

> manufacturing cost to arrive at a retail price, that would mean they

> would add about $50 to the cost of the FT-897 if they sold it with

> the MH-59 as the standard mike.

>

> A more rational and customer-friendly approach by Vertex-Standard

> would be to offer the rig with either mike, your choice, with an added

> price for the MH-59.

>

> Lew K6LMP

>

> On May 8, 2009, at 10:55 AM, Patrick Ouellette wrote:

> [snip]

> >

> > If Yaesu elected to make it the standard mic included with the

> > ft-857/897 the cost

> > to Yaesu would not go up $82.00 for each radio. It is even possible

> > due to

> > an increase in the number of MH-59s Yaesu is manufacturing, the cost

> > per unit

> > might go down.

> >

> > 73,

> >

> > Pat NE4PO

> > --

> >

>

> [Non-text portions of this message have been removed]

>

> [Non-text portions of this message have been removed]

>

>

>

--

Tom Wilson

wilsontp@gmail. com

(619)342-1391

KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26003. Re: MH-36 vs MH-59

Yahoo group: FT897 (2009)
Date: 2009-05-09 08:30:42 UTC
From: dyarnes1
Topic: 25964 Message: 26003

You guys are making my head hurt! All I said was that Yaesu was kind of sticking it to us (well, actually just some of us)by not giving us a choice of microphones and charging an "appropriate" differential. In other words, if I would rather have the MH-36, charge me $20 more or so (that's the approximate difference in price for the two microphones at various dealers. Pat and Lew are sort of saying that same thing, although they are analyzing it a bit differently I think. Bruce's logic/argument sort of escapes me.

I think it's fairly obvious why Yaesu does what it does, although there is a little history to it as well. As someone else pointed out, For years rigs didn't come with any microphone! It was always an additional item. Then, some years ago, in an obvious marketing ploy, some manufacturers started including the microphone in the price. I doubt they really "gave" it to you free, and it was probably all considered in setting the price. After all, you really have no idea what the price would have been if they had opted to not include the microphone. But the fact that a microphone was included had the impact of making buyers think they were getting a better deal. However, in just about every case, the included microphone will be the "basic" model--no frills. For some that's just fine. The problem is that if the basic microphone isn't what you really want, you have to buy an upgraded microphone at "full" price rather than just swapping out and paying the difference. So, you end up with two microphones, one of which you don't use. In those situations, where's the benefit??? It's only those who don't want an upgraded microphone who benefit (or think they do--remember, it probably really isn't "free").

I'm somewhat cynical about just about any manufacturer's motives, but I also understand something about marketing strategy as well. I believe most manufacturers have a "target" markup for any product, and it would be more or less the same (the markup) with or without the microphone. So I'm saying that you probably are "buying" the included microphone, and it has been marked up as well. Then, if you happen to be one of those buyers who really wants an upgraded microphone, you end up spending more! Simple, but effective marketing. The only time you really get something for "free", is when they run one of those special sales, and include some accessory not normally included. But that's another marketing ploy, usually when sales are waning a bit, and so they throw you a bone to keep sales up.

Anyway, this is all very hypothetical since we really don't even know what's being done to manipulate sales, what the markup is, or anything. My original comment was sort of tongue in cheek anyway, and I certainly wasn't being naive about the marketing aspects, or the business decisions behind them. However, that doesn't mean that I shouldn't feel like I got nicked a little extra because the microphone that came with the rig (which I "paid" for) was inadequate, forcing me to end up with two microphones. Kind of a waste! The bottom line though is that, as a consumer, you look at the price and decide if you want it bad enough to pay it.

Anybody need an MH-31 microphone???? I'll sell it to you for a reasonable price!

Dave W7AQK

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> Pat, I can't follow your logic here. Yaesu's cost would go up by its
> "wholesale" cost of the MH-59, minus the wholesale cost of the MH-31.
>
> Let's say, for the sake of discussion, that Yaesu's cost to
> manufacture each mike is half the retail cost. So its added cost would
> be $41 minus $16 (assuming $32 retail value for the MH-31, or $25. If
> they made the MH-59 standard, they would not bear the cost of making
> an MH-31 to put into the 897 box.
>
> Again, assuming for discussion's sake that they are doubling the
> manufacturing cost to arrive at a retail price, that would mean they
> would add about $50 to the cost of the FT-897 if they sold it with
> the MH-59 as the standard mike.
>
> A more rational and customer-friendly approach by Vertex-Standard
> would be to offer the rig with either mike, your choice, with an added
> price for the MH-59.
>
> Lew K6LMP
>

26004. Re: [FT897] 100 Watts?-use a PEAK-READING wattmeter for SSB/AM!

Yahoo group: FT897 (2009)
Date: 2009-05-09 08:35:25 UTC
From: kc3vo@aol.com
Topic: 26004 Message: 26004

Yes, an average power or CW type meter WILL typically show only 30 watts or so from 100 watts of voice-modulated SSB, and this is perfectly NORMAL! The SSB power varies in step with your voice peaks, and the peaks are of short time duration, so a special meter, or an oscilloscope, is needed to accurately show the REAL maximum power. Do NOT attempt to adjust your radio to show more power, or you will cause distortion and possibly damage to the radio. A BIRD model 43P wattmeter with the 100 watt, 2 to 30 mhz slug, should accurately show you 100 watts, even though other average power meters will show 30-40 watts at the same time! If the radio shows 100 watts in CW and FM, it is operating OK.-73, KC3VO-Bob Curry

**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1221823232x1201398636/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May5909footerNO62)

[Non-text portions of this message have been removed]

26005. Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-09 09:01:42 UTC
From: Richard Corfield
Topic: 25956 Message: 26005

Thanks. That's what i was hoping. I suspect what i've seen could be a
non-linearity in the radio or meter at low power.

Weather is improving here. More gentle wind may make kite more stable
or next campsite may have better trees so i hope to try again soon.

Richard M0RJC/P

On 5/5/09, K.Greenough <g0wbm@...> wrote:
> Hello Richard,
> A halfwave will present a very high impedance to
> your tuner, possibly too high for it to match [on
> 40m] whereas on 80m it would be a quarter wave
> with relatively low impedance and your tuner
> would have a much easier time matching up.
> At 5 or 10 watts out of the 897 I doubt that any
> mismatch would damage the PA.
> 73 Ken g8beq
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

26006. Re: FM Broadcast Receive

Yahoo group: FT897 (2009)
Date: 2009-05-09 10:40:15 UTC
From: tenorman1952
Topic: 25983 Message: 26006

--- In FT897@yahoogroups.com, "maverick13a" <maverick13a@...> wrote:
>
> My FT897 is new and I am unable to figure out how to receive local FM broadcast stations. Is there some secret I missed in the manual.
> Thanks,
>
> AC5AD John

I simply switched to FM mode and dialed in the frequency. FM is received via the VHF/UHF antenna socket. Now when I change bands, it finds that frequency as a band between 6 meters and 2 meters.

But the stereo separation sucks.

Paul

26007. Re: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-09 12:23:24 UTC
From: Jim C
Topic: 25902 Message: 26007

Someone got it right I see.

af2c@... wrote:
>
>
> Compression does not drive the voice to "higher" peaks. It merely raises
> or fills the valleys between your voice peaks. This may be a poor
> analogy,
> but it is the best I can think of at the moment.
>
> Check the photos and pictures in the various handbooks.
>
> I use about 10-12 percent of compression with my voice. Too much
> compression causes distortion, splatter and nasty comments from users of
> adjacent frequencies.
>
> 73,
> Jay/AF2C
>
> At 06:55 AM 5/6/2009 -0700, you wrote:
>
> >Isn't the Compressor supposed to drive your voice to higher peaks?
> >
> >Thanx a bunch!
> >
> >John Berry
>
>

26008. Re: [FT897] Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-09 12:27:49 UTC
From: Jim C
Topic: 25956 Message: 26008

Are you using it as a center fed dipole or end fed? You could feed it
14% off center and get matches on most of the bands.

Richard Corfield wrote:
>
>
> Thanks. That's what i was hoping. I suspect what i've seen could be a
> non-linearity in the radio or meter at low power.
>
> Weather is improving here. More gentle wind may make kite more stable
> or next campsite may have better trees so i hope to try again soon.
>
> Richard M0RJC/P
>
> On 5/5/09, K.Greenough <g0wbm@...
> <mailto:g0wbm%40tiscali.co.uk>> wrote:
> > Hello Richard,
> > A halfwave will present a very high impedance to
> > your tuner, possibly too high for it to match [on
> > 40m] whereas on 80m it would be a quarter wave
> > with relatively low impedance and your tuner
> > would have a much easier time matching up.
> > At 5 or 10 watts out of the 897 I doubt that any
> > mismatch would damage the PA.
> > 73 Ken g8beq
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Sent from my mobile device
>
>

26009. Beep Tone

Yahoo group: FT897 (2009)
Date: 2009-05-09 12:53:11 UTC
From: Eric van de Weyer
Topic: 25298 Message: 26009

Hi everyone,

I turned my radio on this morning and found that, instead of getting nice pure tones when it beeps, such as when turning on, changing modes, bands etc. it now sounds like a rough CW tone with AC hum on it. Everything else seems to be working OK and it receives and transmits OK.

Has anyone else come across this before?

73....Eric VK2VE.

26010. RE: [FT897] Beep Tone

Yahoo group: FT897 (2009)
Date: 2009-05-09 13:32:39 UTC
From: Cliff Bryant
Topic: 25298 Message: 26010

I had exactly this. It seemed to go after I unplugged the CAT cable. I may also have done a reset (or other reasons) but it then went back to normal.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: 09 May 2009 13:53
To: FT897@yahoogroups.com
Subject: [FT897] Beep Tone

Hi everyone,

I turned my radio on this morning and found that, instead of getting nice
pure tones when it beeps, such as when turning on, changing modes, bands etc. it now sounds like a rough CW tone with AC hum on it. Everything else
seems to be working OK and it receives and transmits OK.

Has anyone else come across this before?

73....Eric VK2VE.

[Non-text portions of this message have been removed]

26011. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 13:34:25 UTC
From: Roger Sale
Topic: 25995 Message: 26011

Hi Louis,
I can only assume you want to transmit on citizens band if you require 27 -28MHz FM, as far as I am aware there is no software for widebanding the 897D, only hardware mods, although it may be possible on an older 897.
I really have to ask, why would you want to Tx on those frequencies? Rather than risk losing your licence, would it not be easier to buy a citizens band radio?
73 de
Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained this coming week hopefully).
----- Original Message -----
From: louismacrides
To: FT897@yahoogroups.com
Sent: Friday, May 08, 2009 6:24 PM
Subject: [FT897] software for 27 to 28 mhz and above 14350

hello to all i wonder is there a software down load so i can transmit between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis 2e0zdj, ps i have already done 40 m software for 7100,to 7200

[Non-text portions of this message have been removed]

26012. Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-09 14:13:07 UTC
From: Richard Corfield
Topic: 25956 Message: 26012

New campsite has trees and i have a balun with me so i'll have to see
what i can do.

M0RJC/P

On 5/9/09, Jim C <liteways@...> wrote:
> Are you using it as a center fed dipole or end fed? You could feed it
> 14% off center and get matches on most of the bands.
>
> Richard Corfield wrote:
>>
>>
>> Thanks. That's what i was hoping. I suspect what i've seen could be a
>> non-linearity in the radio or meter at low power.
>>
>> Weather is improving here. More gentle wind may make kite more stable
>> or next campsite may have better trees so i hope to try again soon.
>>
>> Richard M0RJC/P
>>
>> On 5/5/09, K.Greenough <g0wbm@...
>> <mailto:g0wbm%40tiscali.co.uk>> wrote:
>> > Hello Richard,
>> > A halfwave will present a very high impedance to
>> > your tuner, possibly too high for it to match [on
>> > 40m] whereas on 80m it would be a quarter wave
>> > with relatively low impedance and your tuner
>> > would have a much easier time matching up.
>> > At 5 or 10 watts out of the 897 I doubt that any
>> > mismatch would damage the PA.
>> > 73 Ken g8beq
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>>
>> --
>> Sent from my mobile device
>>
>>
>

--
Sent from my mobile device

26013. Re: [FT897] Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-09 15:15:12 UTC
From: Jim C
Topic: 25956 Message: 26013

With a 4:1 balun and feeding the antenna 14% off center you can get a
low VSWR on most bands without a tuner. I love my 80 meter off center
fed dipole bent around the house rain gutters.

Richard Corfield wrote:
>
>
> New campsite has trees and i have a balun with me so i'll have to see
> what i can do.
>
> M0RJC/P
>
> On 5/9/09, Jim C <liteways@... <mailto:liteways%40gmail.com>> wrote:
> > Are you using it as a center fed dipole or end fed? You could feed it
> > 14% off center and get matches on most of the bands.
> >
> > Richard Corfield wrote:
> >>
> >>
> >> Thanks. That's what i was hoping. I suspect what i've seen could be a
> >> non-linearity in the radio or meter at low power.
> >>
> >> Weather is improving here. More gentle wind may make kite more stable
> >> or next campsite may have better trees so i hope to try again soon.
> >>
> >> Richard M0RJC/P
> >>
> >> On 5/5/09, K.Greenough <g0wbm@...
> <mailto:g0wbm%40tiscali.co.uk>
> >> <mailto:g0wbm%40tiscali.co.uk>> wrote:
> >> > Hello Richard,
> >> > A halfwave will present a very high impedance to
> >> > your tuner, possibly too high for it to match [on
> >> > 40m] whereas on 80m it would be a quarter wave
> >> > with relatively low impedance and your tuner
> >> > would have a much easier time matching up.
> >> > At 5 or 10 watts out of the 897 I doubt that any
> >> > mismatch would damage the PA.
> >> > 73 Ken g8beq
> >> >
> >> > [Non-text portions of this message have been removed]
> >> >
> >> >
> >>
> >> --

> >> Sent from my mobile device
> >>
> >>
> >
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> --
> Sent from my mobile device
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>

26014. Re: How easy is it to damage it with high swr

Yahoo group: FT897 (2009)
Date: 2009-05-09 15:44:53 UTC
From: Richard Corfield
Topic: 25956 Message: 26014

This sounds tempting for home use. To make the 4:1 it's twice as many turns on the secondary as the primary? I think the MFJ tuner has one built in.

On 5/9/09, Jim C <liteways@...> wrote:
> With a 4:1 balun and feeding the antenna 14% off center you can get a
> low VSWR on most bands without a tuner. I love my 80 meter off center
> fed dipole bent around the house rain gutters.
>
> Richard Corfield wrote:
>>
>>
>> New campsite has trees and i have a balun with me so i'll have to see
>> what i can do.
>>
>> M0RJC/P
>>
>> On 5/9/09, Jim C <liteways@... <mailto:liteways%40gmail.com>> wrote:
>> > Are you using it as a center fed dipole or end fed? You could feed it
>> > 14% off center and get matches on most of the bands.
>> >
>> > Richard Corfield wrote:
>> >>
>> >>
>> >> Thanks. That's what i was hoping. I suspect what i've seen could be a
>> >> non-linearity in the radio or meter at low power.
>> >>
>> >> Weather is improving here. More gentle wind may make kite more stable
>> >> or next campsite may have better trees so i hope to try again soon.
>> >>
>> >> Richard M0RJC/P
>> >>
>> >> On 5/5/09, K.Greenough <g0wbm@...
>> <mailto:g0wbm%40tiscali.co.uk>
>> >> <mailto:g0wbm%40tiscali.co.uk>> wrote:
>> >> > Hello Richard,
>> >> > A halfwave will present a very high impedance to
>> >> > your tuner, possibly too high for it to match [on
>> >> > 40m] whereas on 80m it would be a quarter wave
>> >> > with relatively low impedance and your tuner
>> >> > would have a much easier time matching up.
>> >> > At 5 or 10 watts out of the 897 I doubt that any
>> >> > mismatch would damage the PA.
>> >> > 73 Ken g8beq
>> >> >

>> >> > [Non-text portions of this message have been removed]
>> >> >
>> >> >
>> >>
>> >> --
>> >> Sent from my mobile device
>> >>
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>> --
>> Sent from my mobile device
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>

--
Sent from my mobile device

26015. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 15:53:13 UTC
From: Richard Corfield
Topic: 25995 Message: 26015

Well done on the M0!

My 897 was software widebanded by the previous owner. I'd like to put it back.

I'd think old CB27/81 radios are cheap. I have one the wife would like
me to sell. I don't know what life 27/81 has with the eu frequencies i
think eventually replacing the old uk.

Richard M0RJC/P

On 5/9/09, Roger Sale <roger_h_sale@...> wrote:
> Hi Louis,
> I can only assume you want to transmit on citizens band if you require 27
> -28MHz FM, as far as I am aware there is no software for widebanding the
> 897D, only hardware mods, although it may be possible on an older 897.
> I really have to ask, why would you want to Tx on those frequencies? Rather
> than risk losing your licence, would it not be easier to buy a citizens band
> radio?
> 73 de
> Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained
> this coming week hopefully).
> ----- Original Message -----
> From: louismacrides
> To: FT897@yahoogroups.com
> Sent: Friday, May 08, 2009 6:24 PM
> Subject: [FT897] software for 27 to 28 mhz and above 14350
>
>
>
>
>
> hello to all i wonder is there a software down load so i can transmit
> between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis
> 2e0zdj, ps i have already done 40 m software for 7100,to 7200
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

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Sent from my mobile device

26016. Re: Making my own CT-62 from a USB port

Yahoo group: FT897 (2009)
Date: 2009-05-09 16:18:58 UTC
From: Timothy Seeley
Topic: 25998 Message: 26016

This has already been done. You can buy the cable on ebay for about $20 or here for a little more. http://www.g4zlp.co.uk/unified/YaesuCAT.shtml
I have one of these but got a new PC and am running Vista, which the cable driver does not support, so be sure if your using Vista to get one that has drivers for Vista.

Tim
kc0ujm

[Non-text portions of this message have been removed]

26017. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 19:34:15 UTC
From: Peter Robinson
Topic: 25995 Message: 26017

Richard - I thought that they reverted as soon as you switched them off and back on if the widebanding was by software. That was the reason that the FCC leant on Yaesu to modify them so that they couldn't be opened up that way (as in the 897D). This has lead to us doing the hardware widebanding. Are you sure that yours hasn't been hardware widebanded which optionally could be done on the earlier models.

It might pay you to open yours up and check which combination of jumpers are in place or open.

73 de Peter - GØFIM / AA3JN

If you value your HF privileges, please consider signing the Downing St petition:

http://petitions.number10.gov.uk/SaveShortwave2/

I have.

----- Original Message -----
From: Richard Corfield
To: FT897@yahoogroups.com
Sent: Saturday, May 09, 2009 4:53 PM
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

Well done on the M0!

My 897 was software widebanded by the previous owner. I'd like to put it back.

I'd think old CB27/81 radios are cheap. I have one the wife would like
me to sell. I don't know what life 27/81 has with the eu frequencies i
think eventually replacing the old uk.

Richard M0RJC/P

On 5/9/09, Roger Sale <roger_h_sale@...> wrote:
> Hi Louis,
> I can only assume you want to transmit on citizens band if you require 27
> -28MHz FM, as far as I am aware there is no software for widebanding the
> 897D, only hardware mods, although it may be possible on an older 897.
> I really have to ask, why would you want to Tx on those frequencies? Rather
> than risk losing your licence, would it not be easier to buy a citizens band
> radio?
> 73 de
> Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained
> this coming week hopefully).
> ----- Original Message -----
> From: louismacrides
> To: FT897@yahoogroups.com
> Sent: Friday, May 08, 2009 6:24 PM

> Subject: [FT897] software for 27 to 28 mhz and above 14350
>
>
>
>
>
> hello to all i wonder is there a software down load so i can transmit
> between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis
> 2e0zdj, ps i have already done 40 m software for 7100,to 7200
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

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Sent from my mobile device

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.323 / Virus Database: 270.12.23/2106 - Release Date: 05/09/09 06:54:00

[Non-text portions of this message have been removed]

26018. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 20:29:05 UTC
From: Patricia (Elaine) Gibbons
Topic: 25995 Message: 26018

Why bother taking the wide-band mod out of the set if
it is already there ??

It's only illegal to transmit out of band, so simply don't plan
on transmitting out of band and you are fine ...

Elaine

--
Patricia (Elaine) Gibbons
WA6UBE / AAR9JA
<http://www.qrz.com/wa6ube> http://www.qrz.com/wa6ube

"The President can make me a General, however
it is communications that makes me a Commander.."
--- General Curtis LeMay

From: Richard Corfield [mailto:richard.corfield@...]
Sent: Saturday, May 09, 2009 8:53 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

Well done on the M0!

My 897 was software widebanded by the previous owner. I'd like to put it
back.

I'd think old CB27/81 radios are cheap. I have one the wife would like
me to sell. I don't know what life 27/81 has with the eu frequencies i
think eventually replacing the old uk.

Richard M0RJC/P

On 5/9/09, Roger Sale <roger_h_sale@ <mailto:roger_h_sale%40yahoo.co.uk>
yahoo.co.uk> wrote:
> Hi Louis,
> I can only assume you want to transmit on citizens band if you require 27
> -28MHz FM, as far as I am aware there is no software for widebanding the
> 897D, only hardware mods, although it may be possible on an older 897.
> I really have to ask, why would you want to Tx on those frequencies?
Rather
> than risk losing your licence, would it not be easier to buy a citizens
band
> radio?
> 73 de
> Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained

> this coming week hopefully).
> ----- Original Message -----
> From: louismacrides
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Sent: Friday, May 08, 2009 6:24 PM
> Subject: [FT897] software for 27 to 28 mhz and above 14350
>
>
>
>
>
> hello to all i wonder is there a software down load so i can transmit
> between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis
> 2e0zdj, ps i have already done 40 m software for 7100,to 7200
>
>
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>
> [Non-text portions of this message have been removed]
>
>

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Sent from my mobile device

[Non-text portions of this message have been removed]

26019. Re: [FT897] Re: main dial fixed

Yahoo group: FT897 (2009)
Date: 2009-05-09 20:51:23 UTC
From: N. Anderson
Topic: 25967 Message: 26019

My knob comes out too. Shaft and all. I don't understand the repair.

73

Mike WB2GLW

--- On Fri, 5/8/09, patecq <cqpate@earthlink.net> wrote:

From: patecq <cqpate@...>
Subject: [FT897] Re: main dial fixed
To: FT897@yahoogroups.com
Date: Friday, May 8, 2009, 9:54 AM

thanks to the 897 group.
a blade screwdriver can easily work off the main dial rubber grip.
i did have a metric hex that fit the screw at the bottom and lets the big knob come off.
there is a circular spring that wraps around a thread shaft coming out of the radio. how far the spring is screwed onto the shaft determined the tension of spinning knob.
the fall out of the van brought the spring closer to the front which gave it too much play.
works fine now. thanks

[Non-text portions of this message have been removed]

26020. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 22:13:26 UTC
From: Gary Altig
Topic: 25995 Message: 26020

DE N7UVL,
The UK probably has different Regs for what we call CB./ga

----- Original Message -----
From: Patricia (Elaine) Gibbons<mailto:wa6ube@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, May 09, 2009 1:29 PM
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Why bother taking the wide-band mod out of the set if
it is already there ??

It's only illegal to transmit out of band, so simply don't plan
on transmitting out of band and you are fine ...

Elaine

--
Patricia (Elaine) Gibbons
WA6UBE / AAR9JA
<http://www.qrz.com/wa6ube<http://www.qrz.com/wa6ube>>
http://www.qrz.com/wa6ube<http://www.qrz.com/wa6ube>

"The President can make me a General, however
it is communications that makes me a Commander.."
--- General Curtis LeMay

_____

From: Richard Corfield [mailto:richard.corfield@...<mailto:richard.corfield%40gmail.com>]
Sent: Saturday, May 09, 2009 8:53 AM
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

Well done on the M0!

My 897 was software widebanded by the previous owner. I'd like to put it
back.

I'd think old CB27/81 radios are cheap. I have one the wife would like
me to sell. I don't know what life 27/81 has with the eu frequencies i
think eventually replacing the old uk.

Richard M0RJC/P

On 5/9/09, Roger Sale <roger_h_sale@ <mailto:roger_h_sale%40yahoo.co.uk>
yahoo.co.uk> wrote:
> Hi Louis,

> I can only assume you want to transmit on citizens band if you require 27
> -28MHz FM, as far as I am aware there is no software for widebanding the
> 897D, only hardware mods, although it may be possible on an older 897.
> I really have to ask, why would you want to Tx on those frequencies?
Rather
> than risk losing your licence, would it not be easier to buy a citizens
band
> radio?
> 73 de
> Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained
> this coming week hopefully).
> ----- Original Message -----
> From: louismacrides
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Sent: Friday, May 08, 2009 6:24 PM
> Subject: [FT897] software for 27 to 28 mhz and above 14350
>
>
>
>
>
> hello to all i wonder is there a software down load so i can transmit
> between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis
> 2e0zdj, ps i have already done 40 m software for 7100,to 7200
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> [Non-text portions of this message have been removed]
>
>

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Sent from my mobile device

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26021. RE: [FT897] Re: main dial fixed

Yahoo group: FT897 (2009)
Date: 2009-05-09 22:36:03 UTC
From: D. F.
Topic: 25967 Message: 26021

If you SHAFT comes out, the VFO is broken and needs to be repaired. The SHAFT should NOT come out at all.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of N. Anderson
Sent: Saturday, May 09, 2009 15:51
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: main dial fixed

My knob comes out too. Shaft and all. I don't understand the repair.

73

Mike WB2GLW

--- On Fri, 5/8/09, patecq <cqpate@earthlink. <mailto:cqpate%40earthlink.net> net> wrote:

From: patecq <cqpate@earthlink. <mailto:cqpate%40earthlink.net> net>
Subject: [FT897] Re: main dial fixed
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Date: Friday, May 8, 2009, 9:54 AM

thanks to the 897 group.
a blade screwdriver can easily work off the main dial rubber grip.
i did have a metric hex that fit the screw at the bottom and lets the big knob come off.
there is a circular spring that wraps around a thread shaft coming out of the radio. how far the spring is screwed onto the shaft determined the tension of spinning knob.
the fall out of the van brought the spring closer to the front which gave it too much play.
works fine now. thanks

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26022. Re: [FT897] software for 27 to 28 mhz and above 14350?????

Yahoo group: FT897 (2009)
Date: 2009-05-09 22:54:39 UTC
From: kc3vo@aol.com
Topic: 26022 Message: 26022

You might ADD: If you value your shortwave (HAM) license, forget about using HAM equipment on the 27 mhz band!---It makes us look bad, some lawmakers are just LOOKING for an example of something like that, as an excuse to vote against amateur radio issues!--73, KC3VO-Bob Curry

**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1221823232x1201398636/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=MayFooterNO62)

[Non-text portions of this message have been removed]

26023. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 23:23:09 UTC
From: Randall
Topic: 25995 Message: 26023

I just purchased a used 897D that has also been modded to transmit outside
of ham bands.
I'd like to put it back to stock condition.
Is the hardware mod reversible ? What would need to be done ?

Thanks
Randall

26024. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-05 13:33:48 UTC
From: Jim C
Topic: 25902 Message: 26024

It is relatively easy tofind on the web. Here is on site

http://vk1od.net/measurement/SsbTxPower/MeasureSSBTxPower.htm

http://www.ab4oj.com/peptest.html

Chris Baker wrote:
>
>
> Please explain your theorem then
>
> Thanks
>
> Chris
>
>
> Sunny Morecambe, the gateway to the Lakes
> ARS: G4LDS
> WAB:SD 46
> LOC: IO85 NB
> IOTA: EU005
> G4LDS@... <mailto:G4LDS%40GB7MBC.net>
>
> --- On Tue, 5/5/09, Jim C <liteways@...
> <mailto:liteways%40gmail.com>> wrote:
>
> From: Jim C <liteways@... <mailto:liteways%40gmail.com>>
> Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Date: Tuesday, 5 May, 2009, 2:01 PM
>
> I don't think you understand the theory behind this
>
> Geoff Blake wrote:
> >
> >
> > On Mon, 4 May 2009, Jim C wrote:
> >
> > > For ordinary speech the average power is considerably less than
> the peak
> > > power, and depends on how loud you talk and your voice
> > > characteristics. for a trasnmitter that puts put 100w CW, 25 to 50
> > > watts ssb is about what you can expect on the wattmeter, so if you
> want

> > > 100 watts, you will need about a 400 watt amplifier
> >
> > That is wrong, completely wrong.
> >
> > If the transmitter is like the FT897 or many others, it is capable of
> > 100W maximum or peak output. that is 100W on FM and most digital modes,
> > 100W peak (key down) on CW, 100W PEP (Peak Envelope Power) on SSB
> and AM.
> >
> > That the typical power meter is not capable of correctly reading
> that 100W
> > PEP is totally irrelevant.
> >
> > Try an experiment. Set up your transmitter and adjust it to give
> 100W key
> > down on CW. By this, I mean using the key to generate one long dash.
> > Then transmit a long succession of dots, what does your power meter
> read?
> >
> > The problem is in the power measurement, not in the transmitter.
> >
> > Geoff
> >
> > --
> > Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> > Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
> > Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
> >
> > Please avoid sending me Word or PowerPoint attachments.
> > See <http://www.gnu. org/philosophy/ no-word-attachme nts.html
> > <http://www.gnu. org/philosophy/ no-word-attachme nts.html>>
> > ------------ --------- --------- --------- --------- --------- -
> >
> > This E-mail and any attachment(s) are strictly confidential
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> > and the sender by return and permanently delete the message.
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> > You may not disclose, forward or copy this E-mail or any of
> > its attachments to any third party without the prior consent
> > of the sender.
> >
> > ------------ --------- --------- --------- --------- --------- -
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

26025. Re: Making my own CT-62 from a USB port

Yahoo group: FT897 (2009)
Date: 2009-05-09 16:20:18 UTC
From: Timothy Seeley
Topic: 25998 Message: 26025

One more thing, you will need to have something to emulate a com port anyway as most if not all software works with com ports anyway.

Tim
kc0ujm

[Non-text portions of this message have been removed]

26026. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-06 07:22:10 UTC
From: Geoff Blake
Topic: 25902 Message: 26026

As it appears that there is significant misunderstanding of the terms Peak Envelope Power, Mean Power and Carrier Power, and means of measurement of those terms, may I point people to VK1OD's web page on the subject. VK1OD explains the subject better than I and by simple pictures (of a Bird 4314) makes the difference between average power and peak power extremely clear.

I would recommend that everybody who is in the slightest way unclear of any part of the subject read

http://vk1od.net/measurement/SsbTxPower/MeasureSSBTxPower.htm

and I would suggest that the list owner place the web page in the files section of this group (after seeking VK1OD's permission of course).

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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its attachments to any third party without the prior consent
of the sender.

26027. Re: Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-09 13:01:23 UTC
From: wa0lhb_john
Topic: 25993 Message: 26027

The antenna for U/VHF needs to be plugged in... The other SO239.
Other than that dial in the frequency and go.

Also, weaker stations may not break the squelch.

John WA0LHB

--- In FT897@yahoogroups.com, "maverick13a" <maverick13a@...> wrote:
>
> My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing?
> Thanks,
>
> John
> AC5AD
>

26028. Re: atu

Yahoo group: FT897 (2009)
Date: 2009-05-09 18:31:24 UTC
From: ka2ugz
Topic: 25298 Message: 26028

--- In FT897@yahoogroups.com, dave.stockton@... wrote:
>
> Hi folks
> Here's a daft question? My colleague has an atas type antenna that auto tunes to what ever band he's on. Does the tuning facility make much of a difference to receive as when we tried it and tuned it up,more stations came flooding in once it was tuned. This is a receive only question as I know it does on tx.
>
> FT8974. 73s M6DMA
>
> Dave
> Sent from my BlackBerry® wireless device
>
I use the ATAS120 with the 857D in my truck. When you "tune" the antenna system you are inserting more or less of the inductor into the circuit and just like with a manual transmatch tuner you get maximum noise when the system is resonant.

Much better than I can, DK Johnson, W6AAQ describes the difference between adjusting your antenna system for resonance and using a tuner to adjust for a mismatch, in his book "Everything you forgot to ask about HF mobileering".

These screwdriver antennas like the ATAS and DKx series are designed to have a very high Q and they are not broad so getting them to resonance will improved received signals.

de KA2UGZ - Jay

26029. Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 06:26:37 UTC
From: ki6abz
Topic: 25995 Message: 26029

--- In FT897@yahoogroups.com, "louismacrides" <louismacrides@...> wrote:
>
> hello to all i wonder is there a software down load so i can transmit between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis 2e0zdj, ps i have already done 40 m software for 7100,to 7200
>

The software fix, which doesn't work on my radio, only changes the "jumper" settings (which are actually solder pads) on the mainboard. The radio reads the jumper settings when it's reset, and the software patch is supposed to change the in-memory version of those jumper settings.

According to what I've read, there is NO way to freeband the FT-897 to transmit in the 27 MHz range. If you want to transmit on 27 Mhz, you need to buy a CB radio.

26030. Making my own CT-62 from a USB port - all DONE!

Yahoo group: FT897 (2009)
Date: 2009-05-09 18:10:54 UTC
From: ka2ugz
Topic: 25998 Message: 26030

--- In FT897@yahoogroups.com, "Timothy Seeley" <daroutergod@...> wrote:
>
> This has already been done. You can buy the cable on ebay for about $20 or here for a little more. http://www.g4zlp.co.uk/unified/YaesuCAT.shtml
> I have one of these but got a new PC and am running Vista, which the cable driver does not support, so be sure if your using Vista to get one that has drivers for Vista.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>

Thanks for the replies. I was able to use my cable with HRD after I changed the Menu #20 to CAT.

The 3.3V signal swings appear to work, the driver I use is for the Prolific chip set under XP but I will keep your warning in mind if I ever move to Vista.

Buying a cable I can make just rubs me the wrong way... for some things I like to build/experiment/ponder my way through which is the great thing about this hobby there is always something else you can play with.

73 - de KA2UGZ Jay

26031. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-09 10:30:20 UTC
From: Dean Nash
Topic: 25995 Message: 26031

There is no software fix that I know of but the 897 Freeband Mod will do the trick......

http://www.kb2ljj.com/data/yaesu/ft-897.htm

73 de N4SHD

From: louismacrides <louismacrides@...>
To: FT897@yahoogroups.com
Sent: Friday, May 8, 2009 1:24:31 PM
Subject: [FT897] software for 27 to 28 mhz and above 14350

hello to all i wonder is there a software down load so i can transmit between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis 2e0zdj, ps i have already done 40 m software for 7100,to 7200

[Non-text portions of this message have been removed]

26032. Re: [FT897] FM Broadcast Receive

Yahoo group: FT897 (2009)
Date: 2009-05-09 06:28:00 UTC
From: Thomas Wilson
Topic: 25983 Message: 26032

When you flip through the bands, you'll eventually hit a band that's somewhere close to the FM broadcast band. Then just use the VFO knob to tune in a radio station.

On Fri, May 8, 2009 at 9:45 PM, ke7hge <ke7hge@...> wrote:

>
>
> Do you have setting #001 extended menu set to "on"? Also need to be sure
> menu #004 am&fm dial is set to "enable"
>
> Ken ke7hge
>
>
> ----- Original Message -----
> From: maverick13a
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Sunday, May 03, 2009 5:08 PM
> Subject: [FT897] FM Broadcast Receive
>
> My FT897 is new and I am unable to figure out how to receive local FM
> broadcast stations. Is there some secret I missed in the manual.
> Thanks,
>
> AC5AD John
>
> --
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.325 / Virus Database: 270.12.22/2105 - Release Date: 05/08/09
> 11:43:00
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26033. Dayton Hamvention - W4RT Electronics

Yahoo group: FT897 (2009)
Date: 2009-05-10 02:55:18 UTC
From: w4wb
Topic: 26033 Message: 26033

Folks,

We are heading to Dayton and will be in Booths 114-115. In addition to our W4RT Electronics products, including our Collins filters for Yaesu and ICOM radios, we will have Graham Somerville from bhi, Ltd. in our booths presenting their DSP products at Show Special pricing, and I will be there demonstrating the mRS miniVNA antenna analyzer.

As a result of the dollar's present strength with respect to the Euro, we have been able to buy a large lot of the miniVNAs at a favorable price. We will offer the miniVNA at the Dayton Hamvention at a VERY special price! This is a great instrument for those who work with antennas and other devices. Just hook up to your laptop and you can see any part of the spectrum from 100 kHz to 180 MHz. In real time, you can see at a glance where the antenna is resonant, and the SWR, return loss, impedance, phase, etc. as a function of frequency. The best (minimal) SWR frequency is automatically found and displayed.

Hope to see you at Dayton!

Barry W4WB and Ralph N5DOI
W4RT Electronics

26034. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 03:15:17 UTC
From: Randall
Topic: 25995 Message: 26034

So what are the stock, non-expanded jumper settings ?

Randall

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dean Nash
Sent: Saturday, May 09, 2009 5:30 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

There is no software fix that I know of but the 897 Freeband Mod will do the trick......

http://www.kb2ljj.com/data/yaesu/ft-897.htm

73 de N4SHD

26035. DRIVING TO 100 WATTS

Yahoo group: FT897 (2009)
Date: 2009-05-10 04:32:19 UTC
From: chuckn4ued
Topic: 26035 Message: 26035

MAN THAT POST GOT ALOT OF DEBATE. CHUCK

26036. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 05:38:21 UTC
From: D. F.
Topic: 25995 Message: 26036

Info on the mod can be found at www.mods.dk <http://www.mods.dk/> but I think only the removal of the jumper is covered. That said, if you reverse the instructions for removal, you "theoretically" could replace the jumpers. Problem is, you would need the correct pieces to replace. Yaesu would have these and based on prior experience you would pay like 10 cents (give or take) per piece, AND you should have a very steady hand to solder them back in.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Randall
Sent: Saturday, May 09, 2009 22:15
To: FT897@yahoogroups.com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

So what are the stock, non-expanded jumper settings ?

Randall

-----Original Message-----
From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of Dean
Nash
Sent: Saturday, May 09, 2009 5:30 AM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

There is no software fix that I know of but the 897 Freeband Mod will do the
trick......

http://www.kb2ljj. <http://www.kb2ljj.com/data/yaesu/ft-897.htm> com/data/yaesu/ft-897.htm

73 de N4SHD

[Non-text portions of this message have been removed]

26037. Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 06:17:46 UTC
From: Dean Nash
Topic: 25995 Message: 26037

Incorrect. Execution of the freeband mod allows TX 1.8-56 MHz, 137-164 MHz, and 420-470 MHz.

73 de N4SHD

From: ki6abz <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 9, 2009 2:26:37 AM
Subject: [FT897] Re: software for 27 to 28 mhz and above 14350

--- In FT897@yahoogroups. com, "louismacrides" <louismacrides@ ...> wrote:
>
> hello to all i wonder is there a software down load so i can transmit between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis 2e0zdj, ps i have already done 40 m software for 7100,to 7200
>

The software fix, which doesn't work on my radio, only changes the "jumper" settings (which are actually solder pads) on the mainboard. The radio reads the jumper settings when it's reset, and the software patch is supposed to change the in-memory version of those jumper settings.

According to what I've read, there is NO way to freeband the FT-897 to transmit in the 27 MHz range. If you want to transmit on 27 Mhz, you need to buy a CB radio.

[Non-text portions of this message have been removed]

26038. Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 06:24:49 UTC
From: jer1538a@aol.com
Topic: 25995 Message: 26038

THE 897D MAKES A WONDERFUL CB THE ONLY FEATURE IT IS MISSING IS AN ECHO
MIKE ......

****
Recession-proof vacation ideas. Find free things to
do in the U.S.
(http://travel.aol.com/travel-ideas/domestic/national-tourism-week?ncid=emlcntustrav00000002)

[Non-text portions of this message have been removed]

26039. RE: [FT897] Beep Tone

Yahoo group: FT897 (2009)
Date: 2009-05-10 06:32:26 UTC
From: Eric van de Weyer
Topic: 25298 Message: 26039

Thanks for your reply, Cliff. Will look at those things.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Cliff Bryant
Sent: Saturday, 9 May 2009 23:33
To: FT897@yahoogroups.com
Subject: RE: [FT897] Beep Tone

I had exactly this. It seemed to go after I unplugged the CAT cable. I
may also have done a reset (or other reasons) but it then went back to
normal.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Eric van de Weyer
Sent: 09 May 2009 13:53
To: FT897@yahoogroups.com
Subject: [FT897] Beep Tone

Hi everyone,

I turned my radio on this morning and found that, instead of getting
nice
pure tones when it beeps, such as when turning on, changing modes, bands
etc. it now sounds like a rough CW tone with AC hum on it. Everything
else
seems to be working OK and it receives and transmits OK.

Has anyone else come across this before?

73....Eric VK2VE.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

26040. RE: [FT897] Re: main dial fixed

Yahoo group: FT897 (2009)
Date: 2009-05-10 08:43:13 UTC
From: Dr Mark Vaughan
Topic: 25967 Message: 26040

I think you'll find the shaft plugs into the encoder on these.

Certainly for 857's it's quite common to break the shaft which is available as a cheap service part, got to be the same thing in an 897, and I'm sure quite a few people hear have already done theirs.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D. F.
Sent: 09 May 2009 23:36
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: main dial fixed

If you SHAFT comes out, the VFO is broken and needs to be repaired. The SHAFT should NOT come out at all.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of
N. Anderson
Sent: Saturday, May 09, 2009 15:51
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: Re: [FT897] Re: main dial fixed

My knob comes out too. Shaft and all. I don't understand the repair.

73

Mike WB2GLW

--- On Fri, 5/8/09, patecq <cqpate@earthlink.
<mailto:cqpate%40earthlink.net> net> wrote:

From: patecq <cqpate@earthlink. <mailto:cqpate%40earthlink.net> net>
Subject: [FT897] Re: main dial fixed
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Date: Friday, May 8, 2009, 9:54 AM

thanks to the 897 group.
a blade screwdriver can easily work off the main dial rubber grip.
i did have a metric hex that fit the screw at the bottom and lets the
big knob come off.
there is a circular spring that wraps around a thread shaft coming out
of the radio. how far the spring is screwed onto the shaft determined
the tension of spinning knob.
the fall out of the van brought the spring closer to the front which
gave it too much play.
works fine now. thanks

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26041. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 11:38:09 UTC
From: Richard Corfield
Topic: 25995 Message: 26041

I can have a look when i get home. I guess it's solder jumpers.

A disadvantage of widebanding is that as well as having to remember
the band edges you lose things like auto repeater.

Thanks
Richard M0RJC/P

On 5/9/09, Peter Robinson <peter@...> wrote:
> Richard - I thought that they reverted as soon as you switched them off and
> back on if the widebanding was by software. That was the reason that the
> FCC leant on Yaesu to modify them so that they couldn't be opened up that
> way (as in the 897D). This has lead to us doing the hardware widebanding.
> Are you sure that yours hasn't been hardware widebanded which optionally
> could be done on the earlier models.
>
> It might pay you to open yours up and check which combination of jumpers are
> in place or open.
>
> 73 de Peter - GØFIM / AA3JN
>
> If you value your HF privileges, please consider signing the Downing St
> petition:
>
> http://petitions.number10.gov.uk/SaveShortwave2/
>
> I have.
>
>
> ----- Original Message -----
> From: Richard Corfield
> To: FT897@yahoogroups.com
> Sent: Saturday, May 09, 2009 4:53 PM
> Subject: Re: [FT897] software for 27 to 28 mhz and above 14350
>
>
>
>
>
>
> Well done on the M0!
>
> My 897 was software widebanded by the previous owner. I'd like to put it
> back.
>
> I'd think old CB27/81 radios are cheap. I have one the wife would like
> me to sell. I don't know what life 27/81 has with the eu frequencies i

> think eventually replacing the old uk.
>
> Richard M0RJC/P
>
> On 5/9/09, Roger Sale <roger_h_sale@...> wrote:
> > Hi Louis,
> > I can only assume you want to transmit on citizens band if you require
> 27
> > -28MHz FM, as far as I am aware there is no software for widebanding the
> > 897D, only hardware mods, although it may be possible on an older 897.
> > I really have to ask, why would you want to Tx on those frequencies?
> Rather
> > than risk losing your licence, would it not be easier to buy a citizens
> band
> > radio?
> > 73 de
> > Roger 2E0RAC (just passed my advanced, new callsign M0??? to be obtained
> > this coming week hopefully).
> > ----- Original Message -----
> > From: louismacrides
> > To: FT897@yahoogroups.com
> > Sent: Friday, May 08, 2009 6:24 PM
> > Subject: [FT897] software for 27 to 28 mhz and above 14350
> >
> >
> >
> >
> >
> > hello to all i wonder is there a software down load so i can transmit
> > between 27mhz and 28mhz on fm and above 14350 mhz on usb,thanks louis
> > 2e0zdj, ps i have already done 40 m software for 7100,to 7200
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Sent from my mobile device
>
>
>
>
>
> --
>
>

>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.323 / Virus Database: 270.12.23/2106 - Release Date: 05/09/09
> 06:54:00
>
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

26042. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 12:45:02 UTC
From: Randall
Topic: 25995 Message: 26042

Personally, I'm hoping these are just solder pads and not SMT resistors or diodes.

Randall

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D. F.
Sent: Sunday, May 10, 2009 12:38 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Info on the mod can be found at www.mods.dk <http://www.mods.dk/> but I think only the removal of the jumper is covered. That said, if you reverse the instructions for removal, you "theoretically" could replace the jumpers. Problem is, you would need the correct pieces to replace. Yaesu would have these and based on prior experience you would pay like 10 cents (give or take) per piece, AND you should have a very steady hand to solder them back in.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Randall
Sent: Saturday, May 09, 2009 22:15
To: FT897@yahoogroups.com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

So what are the stock, non-expanded jumper settings ?

Randall

-----Original Message-----
From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of Dean
Nash
Sent: Saturday, May 09, 2009 5:30 AM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

There is no software fix that I know of but the 897 Freeband Mod will do the
trick......

http://www.kb2ljj. <http://www.kb2ljj.com/data/yaesu/ft-897.htm>
com/data/yaesu/ft-897.htm

73 de N4SHD

[Non-text portions of this message have been removed]

Yahoo! Groups Links

26043. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 13:06:37 UTC
From: Cliff Bryant
Topic: 25995 Message: 26043

They are SMD (0603 size from memory) zerohms.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Randall
Sent: 10 May 2009 13:45
To: FT897@yahoogroups.com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Personally, I'm hoping these are just solder pads and not SMT resistors or
diodes.

Randall

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of D.
F.
Sent: Sunday, May 10, 2009 12:38 AM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Info on the mod can be found at www.mods.dk <http://www.mods.dk/> but I think only the removal of the jumper is covered. That said, if you reverse the instructions for removal, you "theoretically" could replace the jumpers. Problem is, you would need the correct pieces to replace. Yaesu would have these and based on prior experience you would pay like 10 cents (give or take) per piece, AND you should have a very steady hand to solder them back in.

Dennis - N8BMB

[Non-text portions of this message have been removed]

26044. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 13:48:42 UTC
From: Dean Nash
Topic: 25995 Message: 26044

I don't know what radio you guys are looking at. My 897/d is less than 3 months old and the "jumpers" where nothing more than solder blobs. A little heat and a de-soldering tool did the job.

73 de N4SHD

From: Cliff Bryant <CliffB@...>
To: FT897@yahoogroups.com
Sent: Sunday, May 10, 2009 9:06:37 AM
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

They are SMD (0603 size from memory) zerohms.

Cliff, G4PZK

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Randall
Sent: 10 May 2009 13:45
To: FT897@yahoogroups. com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Personally, I'm hoping these are just solder pads and not SMT resistors or
diodes.

Randall

-----Original Message-----
From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
[mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On Behalf Of D.
F.
Sent: Sunday, May 10, 2009 12:38 AM
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Info on the mod can be found at www.mods.dk <http://www.mods. dk/> but I think only the removal of the jumper is covered. That said, if you reverse the instructions for removal, you "theoretically" could replace the jumpers. Problem is, you would need the correct pieces to replace. Yaesu would have these and based on prior experience you would pay like 10 cents (give or take) per piece, AND you should have a very steady hand to solder them back in.

Dennis - N8BMB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26045. Re: Making my own CT-62 from a USB port

Yahoo group: FT897 (2009)
Date: 2009-05-10 13:49:59 UTC
From: ka2ugz
Topic: 25998 Message: 26045

--- In FT897@yahoogroups.com, "Timothy Seeley" <daroutergod@...> wrote:
>
> One more thing, you will need to have something to emulate a com port anyway as most if not all software works with com ports anyway.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>

True. The driver provided by Prolific for their chipset provides the software to have the USB cable look like a standard COM port. HRD had no trouble with it.

73- KA2UGZ - Jay

26046. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 14:18:57 UTC
From: Cliff Bryant
Topic: 25995 Message: 26046

My FT897D is also less than three months old (manufactured 11/2008). Maybe the store that sold you yours went in and removed the zerohms in advance or possibly the build for the US market is different? You can see them clearly on page 10 of this PDF.

http://www.rigpix.com/yaesu/ft857-897_modcollection.pdf

Just in case you have any doubt the Yaesu technical supplement shows them on the assembly drawings and even gives them part numbers! Look for JP1001 etc. (RMC1/16 000JATP)

When I did the modifications I actually had to desolder and move them to get the desired coverage.

A short length of desoldering braid was the order of the day for cleaning up the connections after the zerohms had been removed.

It is true that sufficient solder can easily bridge the extra pads though.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dean Nash
Sent: 10 May 2009 14:49
To: FT897@yahoogroups.com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

I don't know what radio you guys are looking at. My 897/d is less than 3 months old and the "jumpers" where nothing more than solder blobs. A little heat and a de-soldering tool did the job.

73 de N4SHD

_____
From: Cliff Bryant <CliffB@... <mailto:CliffB%40nse.co.uk> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, May 10, 2009 9:06:37 AM
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

They are SMD (0603 size from memory) zerohms.

Cliff, G4PZK

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Randall
Sent: 10 May 2009 13:45

To: FT897@yahoogroups. com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Personally, I'm hoping these are just solder pads and not SMT resistors
or
diodes.

Randall

-----Original Message-----
From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
[mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On
Behalf Of D.
F.
Sent: Sunday, May 10, 2009 12:38 AM
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Info on the mod can be found at www.mods.dk <http://www.mods. dk/> but I
think only the removal of the jumper is covered. That said, if you
reverse the instructions for removal, you "theoretically" could replace
the jumpers. Problem is, you would need the correct pieces to replace.
Yaesu would have these and based on prior experience you would pay like
10 cents (give or take) per piece, AND you should have a very steady
hand to solder them back in.

Dennis - N8BMB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26047. Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 10:27:51 UTC
From: K.Greenough
Topic: 25995 Message: 26047

Anybody wanting to broadband the Tx on the 897 and
having the right to Tx out of amateur bands should note
that the output filters could present a very bad match
when well away from amateur frequencies and damage
to the PA is likely. The only reason I can think of to justify
widebanding is when the 897 is being used to drive
microwave transverters. Very low power is generated in
the transverter mode and would be quite safe.
73 Ken g8beq

[Non-text portions of this message have been removed]

26048. Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 18:29:10 UTC
From: g8hul
Topic: 25995 Message: 26048

--- In FT897@yahoogroups.com, "K.Greenough" <g0wbm@...> wrote:
>
> Anybody wanting to broadband the Tx on the 897 and
> having the right to Tx out of amateur bands should note
> that the output filters could present a very bad match
> when well away from amateur frequencies and damage
> to the PA is likely. The only reason I can think of to justify
> widebanding is when the 897 is being used to drive
> microwave transverters. Very low power is generated in
> the transverter mode and would be quite safe.
> 73 Ken g8beq
>
> [Non-text portions of this message have been removed]
>

The filters are low pass, and switched according to frequency, the match is likely to be acceptable at most frequencies.

Also it is necessary to wide band the radio to access the UK 5MHz frequencies, and 40m above 7.1 in some older models.

73
Jeff

26049. RE: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 18:35:54 UTC
From: Cliff Bryant
Topic: 25995 Message: 26049

Got to be careful here I think.

The same was true with the IC756PRO but operation on 5MHz resulted in the 80m filter being selected, consequentially the transmitted frequency was in the stop band.

Has anyone modelled the output low pass filters to determine the cut off frequencies and verified which one is selected as the frequency changes?

Widebanding is useful if you want to use the rig as a signal generator.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of g8hul
Sent: 10 May 2009 19:29
To: FT897@yahoogroups.com
Subject: [FT897] Re: software for 27 to 28 mhz and above 14350

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "K.Greenough" <g0wbm@...> wrote:
>
> Anybody wanting to broadband the Tx on the 897 and
> having the right to Tx out of amateur bands should note
> that the output filters could present a very bad match
> when well away from amateur frequencies and damage
> to the PA is likely. The only reason I can think of to justify
> widebanding is when the 897 is being used to drive
> microwave transverters. Very low power is generated in
> the transverter mode and would be quite safe.
> 73 Ken g8beq
>
> [Non-text portions of this message have been removed]
>

The filters are low pass, and switched according to frequency, the match is likely to be acceptable at most frequencies.

Also it is necessary to wide band the radio to access the UK 5MHz frequencies, and 40m above 7.1 in some older models.

73
Jeff

[Non-text portions of this message have been removed]

26050. Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 19:23:20 UTC
From: af2c@njdxa.org
Topic: 25995 Message: 26050

Ken -

The problem allude to is most notable when making the broadband mod to Icoms.

Those who use Icoms (706 specifically) were advised that there would be a problem (such as you mention) when broadbanding the rig for use on the MARS frequencies. The Yaesu rigs seem to be much more tolerant when modified for services such as Military Affiliated Radio Service.

I know that many love their 706 rigs, but this is what came down the local MARS network.

73,
Jay/AF2C

At 11:27 AM 5/10/2009 +0100, you wrote:

>Anybody wanting to broadband the Tx on the 897 and
>having the right to Tx out of amateur bands should note
>that the output filters could present a very bad match
>when well away from amateur frequencies and damage
>to the PA is likely. The only reason I can think of to justify
>widebanding is when the 897 is being used to drive
>microwave transverters. Very low power is generated in
>the transverter mode and would be quite safe.
>73 Ken g8beq

26051. Re: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 20:03:32 UTC
From: Peter Robinson
Topic: 25995 Message: 26051

FTR - mine is a European model. As delivered - plain vanilla - the jumper set up was :

1007 Blank
1008 Jump
1009 Blank
1004 Blank
1005 Blank
1006 Jump
1001 Jump
1002 Jump
1003 Blank

After you do any re-arranging of the jumpers, you will need to reset you radio.

With the radio switched off, hold F & V/M and turn ON.

Disclaimer - you do mods on your radio at your risk - this was true for mine. I did the MARS mod satisfactorily. YMMV.

I recommend, good light preferably with a magnifier, an anti static wrist band, a needle point iron and a very steady hand.

73 de Peter - GØFIM / AA3JN

If you value your HF privileges, please consider signing the Downing St petition:

http://petitions.number10.gov.uk/SaveShortwave2/

I have.

[Non-text portions of this message have been removed]

26052. RE: [FT897] software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 20:45:19 UTC
From: Dr Mark Vaughan
Topic: 25995 Message: 26052

It may mean the product has reached its sales peek and sales are now falling away.

When they first released these, there would be orders large enough to do a production run where the smt zero ohm links were placed by the production line pick n place machines as a production run for each country. However if the market falls away as I expect it has by now, production would probably move to making all boards the same and manually making the mods for each country during the handle assembly and test procedures.

On a pick n place assembly line it's easy to place zero ohm resistor links, but not easy to set the solder paste so it will form a solder blob, the total converse being true for hand assembly.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dean Nash
Sent: 10 May 2009 14:49
To: FT897@yahoogroups.com
Subject: Re: [FT897] software for 27 to 28 mhz and above 14350

I don't know what radio you guys are looking at. My 897/d is less than 3 months old and the "jumpers" where nothing more than solder blobs. A little heat and a de-soldering tool did the job.

73 de N4SHD

From: Cliff Bryant <CliffB@... <mailto:CliffB%40nse.co.uk> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, May 10, 2009 9:06:37 AM
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

They are SMD (0603 size from memory) zerohms.

Cliff, G4PZK

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Randall
Sent: 10 May 2009 13:45
To: FT897@yahoogroups. com
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Personally, I'm hoping these are just solder pads and not SMT resistors or
diodes.

Randall

-----Original Message-----
From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
[mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On Behalf Of D.
F.
Sent: Sunday, May 10, 2009 12:38 AM
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Subject: RE: [FT897] software for 27 to 28 mhz and above 14350

Info on the mod can be found at www.mods.dk <http://www.mods. dk/> but I think only the removal of the jumper is covered. That said, if you reverse the instructions for removal, you "theoretically" could replace the jumpers. Problem is, you would need the correct pieces to replace. Yaesu would have these and based on prior experience you would pay like 10 cents (give or take) per piece, AND you should have a very steady hand to solder them back in.

Dennis - N8BMB

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

26053. RE: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-10 21:00:12 UTC
From: Dr Mark Vaughan
Topic: 25995 Message: 26053

Yaesu often use the same boards in radio's for other bodies like military, air etc. I'm not sure about the 857 / 897 boards, but plenty of other Yaesu boards turn up in other kit that looks identical but just has different software, you even have the Vx7r handy being released as is with a change of the screen print and software and sold for VHF air use. Early UK military air fields were using Vx7r's wide banded even though they were not approved. So it seems Yaesu commonly make a radio board designed for wide band use then limit it by software which makes good sense, spend the time and effort to design a good chassis then sell it in every area possible to recoup that investment, but it also means you can invest more in the first place because the market is greater. It is possible however in some kit that filters are manually adjusted for each chosen application, and may need readjusting for other bands.

I can say though I have been using an 857 and a 767 as a test source within an anechoic chamber, wide banded, used at full power, all modes across it's whole range and have not had any problems with it. I am also aware however of one guy that tried to use his on 466 GPRS/FRS bands and suffered from filter problems, one would however expect things to be much tighter in the UHF area than at HF. The simplest test to be sure is to hook up a good power meter, Tx on FM or CW, on known close ham bands, check that power, then move to the unknown band and Tx again, if the power has fallen off you are probably cooking a filter stage.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of af2c@...
Sent: 10 May 2009 20:23
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Ken -

The problem allude to is most notable when making the broadband mod to Icoms.

Those who use Icoms (706 specifically) were advised that there would be a problem (such as you mention) when broadbanding the rig for use on the MARS frequencies. The Yaesu rigs seem to be much more tolerant when modified for services such as Military Affiliated Radio Service.

I know that many love their 706 rigs, but this is what came down the local MARS network.

73,
Jay/AF2C

At 11:27 AM 5/10/2009 +0100, you wrote:

>Anybody wanting to broadband the Tx on the 897 and
>having the right to Tx out of amateur bands should note
>that the output filters could present a very bad match
>when well away from amateur frequencies and damage
>to the PA is likely. The only reason I can think of to justify
>widebanding is when the 897 is being used to drive
>microwave transverters. Very low power is generated in
>the transverter mode and would be quite safe.
>73 Ken g8beq

[Non-text portions of this message have been removed]

26054. Re: [FT897] Re: software for 27 to 28 mhz and above 14350

Yahoo group: FT897 (2009)
Date: 2009-05-11 02:12:18 UTC
From: kc3vo@aol.com
Topic: 25995 Message: 26054

It is also advisable to check AMPERAGE draw, if operating outside amateur bands! If the current drawn for rated output power is noticeably different, (by over 10% or so) it is likely that you are operating in the danger zone! Be careful, be legal, and good DX!--73, KC3VO-Bob Curry
**********The Average US Credit Score is 692. See Yours in Just 2 Easy Steps!
(http://pr.atwola.com/promoclk/100126575x1222376999x1201454299/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May51009AvgfooterNO62)

[Non-text portions of this message have been removed]

26055. Re: Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-11 14:14:39 UTC
From: George
Topic: 25993 Message: 26055

There is an FM Narrow and FM Wide mode in the radio. I can remember which it needs to be for Broadcast FM off the top of my head, but try changing it back and forth and it makes a hugh difference.

George
kc0woa

--- In FT897@yahoogroups.com, "John Rabold" <yahoohr9@...> wrote:
>
> --- In FT897@yahoogroups.com, "maverick13a" <maverick13a@> wrote:
>
> >> My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing? <<
>
> On my rig, the band just above the 6-meter band will receive WFM in the FM broadcast band. This is diagrammed in the "Operating Band Selection" section of the manual. In the circular graphic, the FM broadcast band is shown as 88MHz.
>
> So to get there, you need to be using one of the VFOs, and press Band Up or Band Down as necessary to reach the band just above (in frequency) the 6-meter (50MHz) band. If necessary, change the mode to WFM.
>
> Don't expect stereo! Or even high fidelity. But it's not bad sound.
>
> This band uses the VHF/UHF antenna, not the HF antenna. So be sure you have an antenna of some sort connected to the VHF/UHF socket.
>
> John KS6M
>

26056. Re: [FT897] Re: Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-11 14:18:20 UTC
From: dave.stockton@yahoo.com
Topic: 25993 Message: 26056

Broadcast WFm normal 2 way comms NFM

Dave M6DMA

Sent from my BlackBerry? wireless device

-----Original Message-----
From: "George" <gmadline@...>

Date: Mon, 11 May 2009 14:14:39
To: <FT897@yahoogroups.com>
Subject: [FT897] Re: Local FM Reception

There is an FM Narrow and FM Wide mode in the radio. I can remember which it needs to be for Broadcast FM off the top of my head, but try changing it back and forth and it makes a hugh difference.

George
kc0woa

--- In FT897@yahoogroups.com, "John Rabold" <yahoohr9@...> wrote:
>
> --- In FT897@yahoogroups.com, "maverick13a" <maverick13a@> wrote:
>
> >> My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing? <<
>
> On my rig, the band just above the 6-meter band will receive WFM in the FM broadcast band. This is diagrammed in the "Operating Band Selection" section of the manual. In the circular graphic, the FM broadcast band is shown as 88MHz.
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> Don't expect stereo! Or even high fidelity. But it's not bad sound.
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> This band uses the VHF/UHF antenna, not the HF antenna. So be sure you have an antenna of some sort connected to the VHF/UHF socket.
>
> John KS6M
>

[Non-text portions of this message have been removed]

26057. Re: [FT897] Re: Local FM Reception

Yahoo group: FT897 (2009)
Date: 2009-05-11 15:51:39 UTC
From: P Grant
Topic: 25993 Message: 26057

Hello All
Here in Ireland, our FM Broadcast band is 88-108 MHz
The mode is WFM, wide FM, this is easily explained, as bandwidth for music, must be much greater than Bandwidth for the human voice.
On My FT897D, when I select FM Broadcast, the auto setting is WFM,,,I cannot change the mode !!! ,, I have tried on both the 897D, and 857, and both are the same... My radios are both the European model. ???
Regards Peter EI4HX _.___
ei4hxperimental@...

----- Original Message -----
From: George
To: FT897@yahoogroups.com
Sent: Monday, May 11, 2009 2:14 PM
Subject: [FT897] Re: Local FM Reception

There is an FM Narrow and FM Wide mode in the radio. I can remember which it needs to be for Broadcast FM off the top of my head, but try changing it back and forth and it makes a hugh difference.

George
kc0woa

--- In FT897@yahoogroups.com, "John Rabold" <yahoohr9@...> wrote:
>
> --- In FT897@yahoogroups.com, "maverick13a" <maverick13a@> wrote:
>
> >> My FT897 is new and while I didn't buy this radio to receive the local FM Broadcast, I can't. Is there some secret I am missing? <<
>
> On my rig, the band just above the 6-meter band will receive WFM in the FM broadcast band. This is diagrammed in the "Operating Band Selection" section of the manual. In the circular graphic, the FM broadcast band is shown as 88MHz.
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> So to get there, you need to be using one of the VFOs, and press Band Up or Band Down as necessary to reach the band just above (in frequency) the 6-meter (50MHz) band. If necessary, change the mode to WFM.
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> Don't expect stereo! Or even high fidelity. But it's not bad sound.
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> This band uses the VHF/UHF antenna, not the HF antenna. So be sure you have an antenna of some sort connected to the VHF/UHF socket.
>
> John KS6M
>

[Non-text portions of this message have been removed]

26058. Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-05-10 13:13:37 UTC
From: Kerryguy7
Topic: 25902 Message: 26058

Geoff, that was a superb reference...many thanks!
I have been following this thread with great interest and I am willing to openly admit that I also was one of those licensed hams who was always confused by all of these confusing terms and concepts involving average and peak power. VK1OD's explanation is the FIRST one I have ever seen that explains and illustrates the material and the theory in a very straight forward and easy to understand manner. Thank the heavens for that! :)
All too often we hams are somewhat hesitant to admit that we aren't as knowledgable about some of the ideas and principles involved in the varied technical aspects of our radio hobby as wethink we should be. Thankss to fellow hobbiest such as yourself and some others in this group we all can benefit from continuing our technical understanding of that "magic" underlying our hobby!
Thanks Geoff!
'73!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: Geoff Blake <geoff@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 6, 2009 3:22:10 AM
Subject: Re: [FT897] TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

As it appears that there is significant misunderstanding of the terms Peak Envelope Power, Mean Power and Carrier Power, and means of measurement of those terms, may I point people to VK1OD's web page on the subject. VK1OD explains the subject better than I and by simple pictures (of a Bird 4314) makes the difference between average power and peak power extremely clear.

I would recommend that everybody who is in the slightest way unclear of any part of the subject read

http://vk1od. net/measurement/ SsbTxPower/ MeasureSSBTxPowe r.htm

and I would suggest that the list owner place the web page in the files section of this group (after seeking VK1OD's permission of course).

Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot) uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu. org/philosophy/ no-word-attachme nts.html>
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[Non-text portions of this message have been removed]

26059. Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 01:02:35 UTC
From: willgord
Topic: 26059 Message: 26059

I am still fairly new to the 897D but certainly pleased with the rig. Operating with a Superantenna inside a New York City apartment building, I have worked some 40 countries and 30 U.S. states.

Now, I would appreciate having some of you veterans answer a couple of questions.

What would I be gaining by adding the Collins SSB filter? What exactly goes it do and how well does it do it?

At some point I will probably want to upgrade to something better. By that I mean a rig with more features to help me get my signal out under difficult conditions. I can't ever hope to put up an outdoor antenna. As I say, I work with a superantenna mounted inside the apartment, and a counterpoise for 20 meters hanging out the window.

Does anyone have any thoughts on 897 vs 950, for instance? What would the 950 offer thatr the 897 doesn't? What rig would I have to get to make a real difference in transmitting and receiving? Would a 950 do it or would I need to go to a 2000?

All thoughts are welcome.

Gordon
K2GLW

26060. RE: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 04:25:33 UTC
From: D. F.
Topic: 26059 Message: 26060

First, you mention 'getting a "better" rig to help get my signal out'. That, my friend, is the job of the antenna, NOT the radio. The radio generates the RF, the antenna distributes it into radio waves. Maybe you need a better antenna, not a better rig (and maybe a better place to live - sorry, but apartments suck - I live in one too!).

As far as the filter goes, I don't use one, don't see a need for one, but I will leave the technicals to someone else who knows more about them.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Wednesday, May 13, 2009 20:03
To: FT897@yahoogroups.com
Subject: [FT897] Collins filter--and more

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Now, I would appreciate having some of you veterans answer a couple of questions.

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All thoughts are welcome.

Gordon
K2GLW

[Non-text portions of this message have been removed]

26061. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 06:13:30 UTC
From: Richard Corfield
Topic: 26059 Message: 26061

Well done on the contacts you have. I've found with homebrew antennas
and a small garden (or even a moderately sized campsite while
respecting other campers) getting out on HF can be hard work.

I don't notice the 2.3kHz filter. I'm new to this but others here have
said the same.

The 500 for CW and digi modes does make a difference.

Richard M0RJC/P

On 5/14/09, D. F. <n8bmb1@...> wrote:
> First, you mention 'getting a "better" rig to help get my signal out'.
> That, my friend, is the job of the antenna, NOT the radio. The radio
> generates the RF, the antenna distributes it into radio waves. Maybe
> you need a better antenna, not a better rig (and maybe a better place to
> live - sorry, but apartments suck - I live in one too!).
>
> As far as the filter goes, I don't use one, don't see a need for one,
> but I will leave the technicals to someone else who knows more about
> them.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> willgord
> Sent: Wednesday, May 13, 2009 20:03
> To: FT897@yahoogroups.com
> Subject: [FT897] Collins filter--and more
>
>
>
>
>
>
> I am still fairly new to the 897D but certainly pleased with the rig.
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> that I mean a rig with more features to help me get my signal out under
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>
> Does anyone have any thoughts on 897 vs 950, for instance? What would
> the 950 offer thatr the 897 doesn't? What rig would I have to get to
> make a real difference in transmitting and receiving? Would a 950 do it
> or would I need to go to a 2000?
>
> All thoughts are welcome.
>
> Gordon
> K2GLW
>
>
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

26062. Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 10:11:42 UTC
From: nr3r15
Topic: 26059 Message: 26062

I like the filters. There is not much difference from the speaker but I can tell with headphones on. What really works great for the 897 is the DSP addition. (see W4RT web site). I have a number of 897's and I had them install the DCP in all of the radios....there you see a difference in noise.

As far as getting better trasmit from a radio, lets face it 100 watts is 100 watts no matter what radio you use. Think about the antenna or maybe an amp.

Larry / nr3r

26063. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 12:18:52 UTC
From: Richard Corfield
Topic: 26059 Message: 26063

You can modify the transmit frequeny response with DSP (limited),
filter and choice of mic. This may help you make more addicient use of
power. I think you carrier the carrier point in advanced menus to tune
the filtering.

Someone, possibly here, said the antenna was 95% of it.

On 5/14/09, nr3r15 <nr3r15@...> wrote:
> I like the filters. There is not much difference from the speaker but I can
> tell with headphones on. What really works great for the 897 is the DSP
> addition. (see W4RT web site). I have a number of 897's and I had them
> install the DCP in all of the radios....there you see a difference in noise.
>
> As far as getting better trasmit from a radio, lets face it 100 watts is 100
> watts no matter what radio you use. Think about the antenna or maybe an amp.
>
> Larry / nr3r
>
>

--
Sent from my mobile device

26064. RE: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 12:58:42 UTC
From: D. F.
Topic: 26059 Message: 26064

Addicient? What is addicient? Or do you mean efficient?

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Corfield
Sent: Thursday, May 14, 2009 07:19
To: FT897@yahoogroups.com
Subject: Re: [FT897] Collins filter--and more

You can modify the transmit frequeny response with DSP (limited), filter and choice of mic. This may help you make more addicient use of power. I think you carrier the carrier point in advanced menus to tune the filtering.

Someone, possibly here, said the antenna was 95% of it.

On 5/14/09, nr3r15 <nr3r15@yahoo. <mailto:nr3r15%40yahoo.com> com> wrote:
> I like the filters. There is not much difference from the speaker but I can
> tell with headphones on. What really works great for the 897 is the DSP
> addition. (see W4RT web site). I have a number of 897's and I had them
> install the DCP in all of the radios....there you see a difference in noise.
>
> As far as getting better trasmit from a radio, lets face it 100 watts is 100
> watts no matter what radio you use. Think about the antenna or maybe an amp.
>
> Larry / nr3r
>
>

--
Sent from my mobile device

[Non-text portions of this message have been removed]

26065. Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 14:17:49 UTC
From: wa0lhb_john
Topic: 26059 Message: 26065

Hi,
RE 950 vs 897D

I own both rigs and the biggest difference you will find is that the FT-950 has a better rcvr than the FT-897D. As far as transmit goes, yes, you might be able to tweak the TX-mic EQ on the 950 a bit and get just a TAD more punch to the TX audio but like it was said, the antenna is the weak link in this situation.

IMHO The 950 and 2000 are fairly equal as far basic RX and TX capabilities go. Others might disagree.

John Wa0lhb

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:

> Does anyone have any thoughts on 897 vs 950, for instance? What would the 950 offer thatr the 897 doesn't? What rig would I have to get to make a real difference in transmitting and receiving? Would a 950 do it or would I need to go to a 2000?
>
> All thoughts are welcome.
>
> Gordon
> K2GLW
>

26066. Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 14:45:06 UTC
From: Greg
Topic: 26059 Message: 26066

Just a suggestion, but why not get out and enjoy the features of the 897? Pick up the a set of internal batteries and a mini-G5RV that you can string up in the park with bungie cords or another suitable portable antenna and use the portablilty of the 897 with battery packs to get a signal out from a picnic table. The 20w output on internal batteries combined with a decent portable outdoor antenna and the upswing in the sunspot cycle should be enough to get you working the world, as they say. If you've had success with the SuperAntenna working from inside your apartment, imaging the fun you'd have with it set up on a portable mast in the park that you can break down and carry around in a bag the size of a laptop bag. I had the pleasure of picking up a wide band (500 kz to 1300 mhz depending on configuration) military surplus antenna a few years back that is fairly easy to setup and mates with the 897 & tuner perfectly for portable picnic table ops, which the 897 is a perfect rig for. At under 50w, it still qualifies for most, if not all, QRP contests and the all of the people i've chatted with always take a break in the pile up to handle that 'QRP Station' or 'Mobile unit'. Even if you dont feel comfy in Central Park, there's a NY State Park that overlooks West Point that I've been too during a couple VHF contests that was very 'ham friendly' and not too far out of the city. Its been a long time, so i cant remember the name, but it would probably be a nice break from the city hustle and bustle to day-trip it out there and work a few new ones...

Just a suggestion, like I said, portable ops aren't for everybody, but its another facet of our hobby that alot of people enjoy and the 'big guns' always seem to help out when they hear them...

73 and good luck
Greg
N1KPW

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I am still fairly new to the 897D but certainly pleased with the rig. Operating with a Superantenna inside a New York City apartment building, I have worked some 40 countries and 30 U.S. states.
>
> Now, I would appreciate having some of you veterans answer a couple of questions.
>
> What would I be gaining by adding the Collins SSB filter? What exactly goes it do and how well does it do it?
>
> At some point I will probably want to upgrade to something better. By that I mean a rig with more features to help me get my signal out under difficult conditions. I can't ever hope to put up an outdoor antenna. As I say, I work with a superantenna mounted inside the apartment, and a counterpoise for 20 meters hanging out the window.
>
> Does anyone have any thoughts on 897 vs 950, for instance? What would the 950 offer thatr the 897 doesn't? What rig would I have to get to make a real difference in transmitting and receiving? Would a 950 do it or would I need to go to a 2000?

>
> All thoughts are welcome.
>
> Gordon
> K2GLW
>

26067. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 18:36:23 UTC
From: Richard Corfield
Topic: 26059 Message: 26067

Sorry. Meant efficient. Predictive text got the better of me.

M0RJC/P

On 5/14/09, D. F. <n8bmb1@...> wrote:
> Addicient? What is addicient? Or do you mean efficient?
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Richard Corfield
> Sent: Thursday, May 14, 2009 07:19
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Collins filter--and more
>
>
>
>
>
> You can modify the transmit frequeny response with DSP (limited),
> filter and choice of mic. This may help you make more addicient use of
> power. I think you carrier the carrier point in advanced menus to tune
> the filtering.
>
> Someone, possibly here, said the antenna was 95% of it.
>
> On 5/14/09, nr3r15 <nr3r15@yahoo. <mailto:nr3r15%40yahoo.com> com>
> wrote:
>> I like the filters. There is not much difference from the speaker but
> I can
>> tell with headphones on. What really works great for the 897 is the
> DSP
>> addition. (see W4RT web site). I have a number of 897's and I had them
>> install the DCP in all of the radios....there you see a difference in
> noise.
>>
>> As far as getting better trasmit from a radio, lets face it 100 watts
> is 100
>> watts no matter what radio you use. Think about the antenna or maybe
> an amp.
>>
>> Larry / nr3r
>>
>>

>
> --
> Sent from my mobile device
>
>
>
> [Non-text portions of this message have been removed]
>
>

--
Sent from my mobile device

26068. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 19:32:56 UTC
From: Larry D. Barr
Topic: 26059 Message: 26068

I thought "addicient" was a good word. We just need to come up with a meaning for it <G> Preferably ham related.

73,
ldb
K5WLF

Richard Corfield wrote:
> Sorry. Meant efficient. Predictive text got the better of me.
>
> M0RJC/P
>
> On 5/14/09, D. F. <n8bmb1@...> wrote:
>> Addicient? What is addicient? Or do you mean efficient?
>>
>> Dennis - N8BMB

26069. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-14 20:01:53 UTC
From: Thomas Wilson
Topic: 26059 Message: 26069

That's when you do something wrong, but it comes out right anyway...

On Thu, May 14, 2009 at 12:32 PM, Larry D. Barr <k5wlf@...> wrote:

> I thought "addicient" was a good word. We just need to come up with a
> meaning for it <G> Preferably ham related.
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26070. No TX FT-897D

Yahoo group: FT897 (2009)
Date: 2009-05-15 13:52:17 UTC
From: k4lmp
Topic: 26070 Message: 26070

Hello all...Last night I was using HRD + DM780 4.1 Beta...I went to make a call...and the PTT came on on the Signalink USB...But no TX. I then X'd out of HRD and DM 780 and switched to USB on 20M, went to appropriate Freq., and pressed PTT on my mike. No TX. I tried different bands and modes, no TX. I tried the tune button on my LDG AT-897, no TX. I did a CPU reset...twice. No TX. Then, out of nowhere, I pushed PTT on the mike and it started working again. Made several PSK31 QSO's after that with no problem. Everything is fine now. Any Ideas??? Thanks.

Jeff
K4LMP

26071. Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-15 14:40:13 UTC
From: willgord
Topic: 26059 Message: 26071

I do have a battery for the 897 and am only a block from Central Park. The superantennas breaks up into small pieces for easy transport. I will take the rig to the park, clamp the antenna to a park bench and see how will I do running 20 watts.

A big reason for picking the 897 over the 450 or even the 950, was being able to operate portably. I had no idea how well I would do, with an antenna inside the apartment. My fall back would be working in the park and seeing if I could at least operate there.

I have done so much better than I hoped from inside the apartment that I haven't worked up the energy to move outdoors, but will do so.

Thanks much for the encouragement.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "Greg" <n1kpw@...> wrote:
>
> Just a suggestion, but why not get out and enjoy the features of the 897? Pick up the a set of internal batteries and a mini-G5RV that you can string up in the park with bungie cords or another suitable portable antenna and use the portablilty of the 897 with battery packs to get a signal out from a picnic table. The 20w output on internal batteries combined with a decent portable outdoor antenna and the upswing in the sunspot cycle should be enough to get you working the world, as they say. If you've had success with the SuperAntenna working from inside your apartment, imaging the fun you'd have with it set up on a portable mast in the park that you can break down and carry around in a bag the size of a laptop bag. I had the pleasure of picking up a wide band (500 kz to 1300 mhz depending on configuration) military surplus antenna a few years back that is fairly easy to setup and mates with the 897 & tuner perfectly for portable picnic table ops, which the 897 is a perfect rig for. At under 50w, it still qualifies for most, if not all, QRP contests and the all of the people i've chatted with always take a break in the pile up to handle that 'QRP Station' or 'Mobile unit'. Even if you dont feel comfy in Central Park, there's a NY State Park that overlooks West Point that I've been too during a couple VHF contests that was very 'ham friendly' and not too far out of the city. Its been a long time, so i cant remember the name, but it would probably be a nice break from the city hustle and bustle to day-trip it out there and work a few new ones...
>
> Just a suggestion, like I said, portable ops aren't for everybody, but its another facet of our hobby that alot of people enjoy and the 'big guns' always seem to help out when they hear them...
>
> 73 and good luck
> Greg
> N1KPW
>
>

> --- In FT897@yahoogroups.com, "willgord" <willgord@> wrote:
> >
> > I am still fairly new to the 897D but certainly pleased with the rig. Operating with a Superantenna inside a New York City apartment building, I have worked some 40 countries and 30 U.S. states.
> >
> > Now, I would appreciate having some of you veterans answer a couple of questions.
> >
> > What would I be gaining by adding the Collins SSB filter? What exactly goes it do and how well does it do it?
> >
> > At some point I will probably want to upgrade to something better. By that I mean a rig with more features to help me get my signal out under difficult conditions. I can't ever hope to put up an outdoor antenna. As I say, I work with a superantenna mounted inside the apartment, and a counterpoise for 20 meters hanging out the window.
> >
> > Does anyone have any thoughts on 897 vs 950, for instance? What would the 950 offer thatr the 897 doesn't? What rig would I have to get to make a real difference in transmitting and receiving? Would a 950 do it or would I need to go to a 2000?
> >
> > All thoughts are welcome.
> >
> > Gordon
> > K2GLW
> >
>

26072. RE: [FT897] Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-15 15:06:59 UTC
From: D. F.
Topic: 26059 Message: 26072

Two words -

FIELD DAY!!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Friday, May 15, 2009 09:40
To: FT897@yahoogroups.com
Subject: [FT897] Re: Collins filter--and more

I do have a battery for the 897 and am only a block from Central Park. The superantennas breaks up into small pieces for easy transport. I will take the rig to the park, clamp the antenna to a park bench and see how will I do running 20 watts.

A big reason for picking the 897 over the 450 or even the 950, was being able to operate portably. I had no idea how well I would do, with an antenna inside the apartment. My fall back would be working in the park and seeing if I could at least operate there.

I have done so much better than I hoped from inside the apartment that I haven't worked up the energy to move outdoors, but will do so.

Thanks much for the encouragement.

Gordon
K2GLW

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Greg" <n1kpw@...> wrote:
>
> Just a suggestion, but why not get out and enjoy the features of the 897? Pick up the a set of internal batteries and a mini-G5RV that you can string up in the park with bungie cords or another suitable portable antenna and use the portablilty of the 897 with battery packs to get a signal out from a picnic table. The 20w output on internal batteries combined with a decent portable outdoor antenna and the upswing in the sunspot cycle should be enough to get you working the world, as they say. If you've had success with the SuperAntenna working from inside your apartment, imaging the fun you'd have with it set up on a portable mast in the park that you can break down and carry around in a bag the size of a laptop bag. I had the pleasure of picking up a wide band (500 kz to 1300 mhz depending on configuration) military surplus antenna a few years back that is fairly easy to setup and mates with the 897 &

tuner perfectly for portable picnic table ops, which the 897 is a perfect rig for. At under 50w, it still qualifies for most, if not all, QRP contests and the all of the people i've chatted with always take a break in the pile up to handle that 'QRP Station' or 'Mobile unit'. Even if you dont feel comfy in Central Park, there's a NY State Park that overlooks West Point that I've been too during a couple VHF contests that was very 'ham friendly' and not too far out of the city. Its been a long time, so i cant remember the name, but it would probably be a nice break from the city hustle and bustle to day-trip it out there and work a few new ones...
>
> Just a suggestion, like I said, portable ops aren't for everybody, but its another facet of our hobby that alot of people enjoy and the 'big guns' always seem to help out when they hear them...
>
> 73 and good luck
> Greg
> N1KPW
>
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "willgord" <willgord@> wrote:
> >
> > I am still fairly new to the 897D but certainly pleased with the rig. Operating with a Superantenna inside a New York City apartment building, I have worked some 40 countries and 30 U.S. states.
> >
> > Now, I would appreciate having some of you veterans answer a couple of questions.
> >
> > What would I be gaining by adding the Collins SSB filter? What exactly goes it do and how well does it do it?
> >
> > At some point I will probably want to upgrade to something better. By that I mean a rig with more features to help me get my signal out under difficult conditions. I can't ever hope to put up an outdoor antenna. As I say, I work with a superantenna mounted inside the apartment, and a counterpoise for 20 meters hanging out the window.
> >
> > Does anyone have any thoughts on 897 vs 950, for instance? What would the 950 offer thatr the 897 doesn't? What rig would I have to get to make a real difference in transmitting and receiving? Would a 950 do it or would I need to go to a 2000?
> >
> > All thoughts are welcome.
> >
> > Gordon
> > K2GLW
> >
>

[Non-text portions of this message have been removed]

26073. Re: Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-15 16:16:50 UTC
From: tenorman1952
Topic: 26059 Message: 26073

--- In FT897@yahoogroups.com, "Greg" <n1kpw@...> wrote:
>
> Just a suggestion, but why not get out and enjoy the features of the 897? Pick up the a set of internal batteries and a mini-G5RV that you can string up in the park with bungie cords or another suitable portable antenna and use the portablilty of the 897 with battery packs to get a signal out from a picnic table. The 20w output on internal batteries ... (trimmed)

Why limit yourself to just 20w? I have one of those "Husky Power Center" things that jump start your car, has a 110 vac inverter, air to pump up your tires, makes cappucino, etc. I opened it up, have a pigtail coming out directly from the gel battery inside with an Anderson Powerpole connector. I have an extra 10 ga power cable for my 897, unplug the FP-30 supply's plug, plug in the power cable which also has Powerpole on the other end. Voila! On a full charge I can operate at the full 100w setting for about 2 hours. By that time voltage on transmit falls to about 11.3 v. BUT the radio does not cut off, and it still transmits.

With my portable antenna, a homebrew Buddipole up about 22', in the park I made QSO's from southern Louisiana to Iowa, Michigan, Wisconsin, Pennsylvania, Maryland (Assateague Island, he was also portable, sitting on the beach with his FT-897), New York, and more. Lot's of 59's and 57's. I suppose it works.

Jetstream makes a nice dipole hanger. This makes it very easy to make a quick dipole.

http://www.jetstream-usa.com/jtce1.shtml

http://www.jetstream-usa.com/instructions/jtce1.pdf

You could also bolt it to a plastic cutting board (won't be brittle in cold weather like plexiglass), with a series of holes on the edges, making a good multiband "fan" dipole. A 500' roll of insulated 14 ga stranded wire can be bought at Home Depot for just $25.00. Some parachute cord, buy the bright orange for visiblity, and tent stakes. A quick antenna there.

Also, for a 1:1 choke balun, rather than a big coil of coax, on my 50' sections of RG-8X I have, on recommendation of Palomar Engineers, 5 FSB-1/4 snap on ferrite beads. I left about 1/4" between them so that they still coil up easily. Also, I have heat shrink tubing on each to keep them from snapping open and getting lost. I used good Amphenol PL-259's on each end of the coax. I keep two of these 50' feedlines in my portable kit.

In my AE5JU folder in the Photos section, my portable setup. Now, is that fun or what? A very pleasant day! A number of people came over to see what we were doing. A good opportunity to pass out fliers for upcoming ham classes and test session.

Paul
AE5JU

26074. (no subject)

Yahoo group: FT897 (2009)
Date: 2009-05-17 13:16:00 UTC
From: joe petrusinski
Topic: 26074 Message: 26074

Hi,

My name is Joe,VK2JP.

Can anybody help me with this option:

Where can i purchase are REMOTE KIT for my FT-897D (if its exists).

Many thanks.
JOE

"73

Need a Holiday? Win a $10,000 Holiday of your choice. Enter now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCBMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline

[Non-text portions of this message have been removed]

26075. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-17 14:14:02 UTC
From: Bruce 'Pilgrim' Stanton
Topic: 26074 Message: 26075

The 857 has a remote kit. I do not know of any for the 897 except
through computer control.

Bruce - W7PIL

joe petrusinski wrote:
>
>
> Hi,
>
> My name is Joe,VK2JP.
>
> Can anybody help me with this option:
>
> Where can i purchase are REMOTE KIT for my FT-897D (if its exists).
>
> Many thanks.
> JOE
>
> "73
>
> Need a Holiday? Win a $10,000 Holiday of your choice. Enter
> now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dCB
MaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG=
14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yahoo
.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline
> <now.http://us.lrd.yahoo.com/_ylc=X3oDMTJxN2x2ZmNpBF9zAzIwMjM2MTY2MTMEdG1fZG1lY2gDVGV4dC
BMaW5rBHRtX2xuawNVMTEwMzk3NwR0bV9uZXQDWWFob28hBHRtX3BvcwN0YWdsaW5lBHRtX3BwdHkDYXVueg--/SIG
=14600t3ni/**http%3A//au.rd.yahoo.com/mail/tagline/creativeholidays/*http%3A//au.docs.yaho
o.com/homepageset/%3Fp1=other%26p2=au%26p3=mailtagline>
>
> [Non-text portions of this message have been removed]
>
>

--
"When seconds count, the police are just minutes away." - Unknown Author
?Arms are the only true badges of liberty. The possession of arms is the distinction of a
free man from a slave.? ?Andrew Fletcher
?Pick up a rifle and you change instantly from a subject to a citizen.? ?Jeff Cooper
"You believe that there is one God. Good! Even demons believe that - and shudder." James
2:19
"When you stop believing in Santa Claus...You get underwear."
"Stupid should be painful."

[Non-text portions of this message have been removed]

26076. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-17 14:31:43 UTC
From: Joe
Topic: 1970 Message: 26076

Hey Joe.....

Unfortunately, the head is not removable on the 897D, therefore...no remote kit.

The FT-857D DOES have the removable head and there is a remote kit for it.

I just traded my 897D for an 857D so I would have the remote operation! Perhaps you could do the same. (Just make sure you trade for a later model 857D so you get the TCXO which is standard in the later 857D's.)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "joe petrusinski" <vk2jp@...>
Subject: [FT897] (unknown)

Where can i purchase are REMOTE KIT for my FT-897D (if its exists).

26077. Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-17 23:59:18 UTC
From: wa3erq@verizon.net
Topic: 5437 Message: 26077

I continue to hear signal reports of S9 plus 10......

Is there a way to use the signal meter on the 897d to provide this type of report?

Thanks

'73
Jim
WA3ERQ

26078. Re: [FT897] Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-18 00:47:00 UTC
From: ke7hge
Topic: 5437 Message: 26078

Jim,
To the left of where the bar graph is you will see one or two plus signs. On plus is 10 over and two plusses is 20 over.
Ken /ke7hge

----- Original Message -----
From: wa3erq@...
To: FT897@yahoogroups.com
Sent: Sunday, May 17, 2009 4:59 PM
Subject: [FT897] Signal Meter

I continue to hear signal reports of S9 plus 10......

Is there a way to use the signal meter on the 897d to provide this type of report?

Thanks

'73
Jim
WA3ERQ

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.329 / Virus Database: 270.12.32/2118 - Release Date: 05/16/09 17:05:00

[Non-text portions of this message have been removed]

26079. Re: [FT897] Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-18 00:50:15 UTC
From: Thomas Wilson
Topic: 5437 Message: 26079

Heh. some NUMBERS on the meter would be good, wouldn't they? It's pointless
to use it as an SWR or output power meter if there are no numbers on it.

On Sun, May 17, 2009 at 5:47 PM, ke7hge <ke7hge@...> wrote:

>
>
> Jim,
> To the left of where the bar graph is you will see one or two plus signs.
> On plus is 10 over and two plusses is 20 over.
> Ken /ke7hge
>
>
> ----- Original Message -----
> From: wa3erq@... <wa3erq%40verizon.net>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Sunday, May 17, 2009 4:59 PM
> Subject: [FT897] Signal Meter
>
> I continue to hear signal reports of S9 plus 10......
>
> Is there a way to use the signal meter on the 897d to provide this type of
> report?
>
> Thanks
>
> '73
> Jim
> WA3ERQ
>
> --
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.329 / Virus Database: 270.12.32/2118 - Release Date: 05/16/09
> 17:05:00
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391

KI6ABZ

[Non-text portions of this message have been removed]

26080. RE: [FT897] Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-18 00:53:10 UTC
From: D. F.
Topic: 5437 Message: 26080

Not unless you are connected to a receiver DX from where you are, such as the same location as the operator giving you the report.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wa3erq@...
Sent: Sunday, May 17, 2009 18:59
To: FT897@yahoogroups.com
Subject: [FT897] Signal Meter

I continue to hear signal reports of S9 plus 10.....

Is there a way to use the signal meter on the 897d to provide this type of report?

Thanks

'73
Jim
WA3ERQ

[Non-text portions of this message have been removed]

26081. Re: [FT897] Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-18 04:21:33 UTC
From: Carl Wulfestieg
Topic: 5437 Message: 26081

Jim-

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "FILES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT Electronics
http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source) (I modified a junk box 12 vdc wall wart).

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

26082. Re: [FT897] Signal Meter

Yahoo group: FT897 (2009)
Date: 2009-05-18 08:33:11 UTC
From: K.Greenough
Topic: 5437 Message: 26082

Reports of 20 0ver 9 and even 40 over 9 shown on
some S meters are a joke. If a station was running ,
say 10 watts, and he's S9, and he changes aerial or
increases power and the meter shows that he's now
30 over 9 that means his power has increased from
10 watts to 10,000 watts. Not very likely..
73 Ken g8beq

[Non-text portions of this message have been removed]

26083. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-18 10:00:15 UTC
From: Geoff Carmont
Topic: 1970 Message: 26083

Hello Joe, if you are refering to the remote head unit it is only for the FT-857 radio, no equivalent for the FT-897 exists although someone has looked at what is needed, might in the not worth the effort area.

Geoff VK2HEF

26084. RE: [FT897] Beep Tone

Yahoo group: FT897 (2009)
Date: 2009-05-18 12:15:20 UTC
From: Eric van de Weyer
Topic: 25298 Message: 26084

Hi Cliff and others who may be interested.

I tried the resets but they didn't help but then I did a frequency entry on my Millenium QSY'er and everything came good again . As this connects via the CAT interface, that may have been the clincher. Thanks for mentioning it. All now back to normal.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: Sunday, 10 May 2009 16:32
To: FT897@yahoogroups.com
Subject: RE: [FT897] Beep Tone

Thanks for your reply, Cliff. Will look at those things.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Cliff Bryant
Sent: Saturday, 9 May 2009 23:33
To: FT897@yahoogroups.com
Subject: RE: [FT897] Beep Tone

I had exactly this. It seemed to go after I unplugged the CAT cable. I may also have done a reset (or other reasons) but it then went back to normal.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: 09 May 2009 13:53
To: FT897@yahoogroups.com
Subject: [FT897] Beep Tone

Hi everyone,

I turned my radio on this morning and found that, instead of getting nice
pure tones when it beeps, such as when turning on, changing modes, bands etc. it now sounds like a rough CW tone with AC hum on it. Everything else
seems to be working OK and it receives and transmits OK.

Has anyone else come across this before?

73....Eric VK2VE.

[Non-text portions of this message have been removed]

Yahoo! Groups Links

Yahoo! Groups Links

26085. Remote 897

Yahoo group: FT897 (2009)
Date: 2009-05-18 12:46:31 UTC
From: wa0lhb_john
Topic: 26074 Message: 26085

Hi,
One option might be to use a shielded 8 wire LAN type cable with appropriate connectors and use a MH-59 "remote" button mic.

I can't say what type of problems one might encounter but it would be worth a try

> Where can i purchase are REMOTE KIT for my FT-897D (if its exists).
>
> Many thanks.
> JOE
>
> "73
>
>

26086. Re: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-18 07:00:25 UTC
From: Barra
Topic: 26059 Message: 26086

>
>> I thought "addicient" was a good word. We just need to come up with a
>> meaning for it <G> Preferably ham related.

When you add something that turns out to be efficient.

A Collins filter is only addicient when it turns out to be efficient. I it
is not is is 'addetrimental'.

Regards

Maarten van Damme

26087. New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-16 14:21:25 UTC
From: Chip
Topic: 26087 Message: 26087

Greetings to all,

I just purchased an FT-897D, still haven't taken it out of the box yet. I also ordered two batteries (not here yet) and a Buddipole antenna (not here yet). I already have a TS-2000 (home rig w/ G5RV) and IC-706Mk2g (mobil rig, not yet installed, but will be soon). My intent is to use the new 897 for portable operations (field day, trips to beach, trips to mountaintop, hikes, etc).

I have some questions about the new setup:

Will the batteries charge if they are in the radio and 12V is supplied from an external power supply? Is a CD-24 necessary? If you get a CD-24, do you need a PA-26?

For those who've used a Buddipole, is an antenna tuner necessary or recommended? For those who do use a tuner, what do you recommend? Anyone used the LDG 897 specific model?

I'm looking forward to making some contacts portable. Next problem to solve will be logging. Normally I am a huge fan of computer logging, but not sure I will always have my laptop with me (there is only so much weight you can take when hiking to mountaintop). I'm thinking in the cases when the laptop is left behind I will just do paper logs. But I'd be interested if anyone has any other ideas.

Thanks.
de Chip/N1MIE in FN41bn
President of RASON, CT ARES Area 4 South ADEC

26088. RE: [FT897] Beep Tone

Yahoo group: FT897 (2009)
Date: 2009-05-18 13:01:50 UTC
From: Cliff Bryant
Topic: 25298 Message: 26088

Thanks for the feedback Eric

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: 18 May 2009 13:15
To: FT897@yahoogroups.com
Subject: RE: [FT897] Beep Tone

Hi Cliff and others who may be interested.

I tried the resets but they didn't help but then I did a frequency entry on
my Millenium QSY'er and everything came good again . As this connects via
the CAT interface, that may have been the clincher. Thanks for mentioning
it. All now back to normal.

73....Eric VK2VE.

[Non-text portions of this message have been removed]

26089. Re: [FT897] New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-18 13:13:26 UTC
From: Dean Nash
Topic: 26087 Message: 26089

Can't speak definetively to your charging questions since I don't have my stuff here. My recollection is that you have to charge with the CD-24. You can supply 12vdc to the CD-24 with a Molex plug from your car or buy a PD-26 or equivalent for home charging. I'm 95% positive that there is no internal charging system in the FT-897/D. I use a 14 watt portable solar panel (Northern Tools) with a homebrewed cable to charge my batteries with the CD-24 on the run. Have not run any tests on it to determine 0-full charge time as of yet.

On your tuner question, the AT897 is FAR superior to the FC-30 from Yaesu. I've had both and sent the FC-30 back within 7 days. LDG's customer service is fantastic if you have any issues. The first one I got was bad and they cross shipped a new one out based on my description of the problem on the phone.

73 de N4SHD

From: Chip <n1mie@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 16, 2009 10:21:25 AM
Subject: [FT897] New Member Introduction

Greetings to all,

I just purchased an FT-897D, still haven't taken it out of the box yet. I also ordered two batteries (not here yet) and a Buddipole antenna (not here yet). I already have a TS-2000 (home rig w/ G5RV) and IC-706Mk2g (mobil rig, not yet installed, but will be soon). My intent is to use the new 897 for portable operations (field day, trips to beach, trips to mountaintop, hikes, etc).

I have some questions about the new setup:

Will the batteries charge if they are in the radio and 12V is supplied from an external power supply? Is a CD-24 necessary? If you get a CD-24, do you need a PA-26?

For those who've used a Buddipole, is an antenna tuner necessary or recommended? For those who do use a tuner, what do you recommend? Anyone used the LDG 897 specific model?

I'm looking forward to making some contacts portable. Next problem to solve will be logging. Normally I am a huge fan of computer logging, but not sure I will always have my laptop with me (there is only so much weight you can take when hiking to mountaintop) . I'm thinking in the cases when the laptop is left behind I will just do paper logs. But I'd be interested if anyone has any other ideas.

Thanks.
de Chip/N1MIE in FN41bn
President of RASON, CT ARES Area 4 South ADEC

[Non-text portions of this message have been removed]

26090. miniVNA Dayton Special Pricing

Yahoo group: FT897 (2009)
Date: 2009-05-18 13:21:33 UTC
From: w4wb
Topic: 26090 Message: 26090

Folks,

I have have a number of requests to offer the miniVNA to those unable to attend the Dayton Hamvention at the Hamvention special pricing. We have a small number of units left from the show and I will honor the pricing until Tuesday night or until this stock is gone. Price returns then to $398.99. See http://www.w4wb.com/Misc/miniVNA.htm .

73 de Barry W4WB
W4RT Electronics

26091. Re: New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-18 13:33:13 UTC
From: Ken Bandy
Topic: 26087 Message: 26091

Hi Chip. You'll really enjoy the FT-897D. Regarding the Buddipole, it's best, as with any antenna, to tune the BP to resonance on the band you're using, and not use a tuner. If you don't already have one, an antenna analyzer of some sort would be a great investment for this application. Also, if you haven't already, you'll want to join the Buddipole Users Group, at http://groups.yahoo.com/group/Buddipole/ Budd (the creator of the Buddipole), and his son Chris (owner of the company) are active on this group, and very responsive to questions and comments.

Enjoy!

Ken,
KJ9B

--- In FT897@yahoogroups.com, "Chip" <n1mie@...> wrote:
>
> Greetings to all,
>
> I just purchased an FT-897D, still haven't taken it out of the box yet. I also ordered two batteries (not here yet) and a Buddipole antenna (not here yet). I already have a TS-2000 (home rig w/ G5RV) and IC-706Mk2g (mobil rig, not yet installed, but will be soon). My intent is to use the new 897 for portable operations (field day, trips to beach, trips to mountaintop, hikes, etc).
>
> I have some questions about the new setup:
>
> Will the batteries charge if they are in the radio and 12V is supplied from an external power supply? Is a CD-24 necessary? If you get a CD-24, do you need a PA-26?
>
> For those who've used a Buddipole, is an antenna tuner necessary or recommended? For those who do use a tuner, what do you recommend? Anyone used the LDG 897 specific model?
>
>
> I'm looking forward to making some contacts portable. Next problem to solve will be logging. Normally I am a huge fan of computer logging, but not sure I will always have my laptop with me (there is only so much weight you can take when hiking to mountaintop). I'm thinking in the cases when the laptop is left behind I will just do paper logs. But I'd be interested if anyone has any other ideas.
>
> Thanks.
> de Chip/N1MIE in FN41bn
> President of RASON, CT ARES Area 4 South ADEC
>

26092. Re: [FT897] New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-18 23:16:31 UTC
From: luffnutt@aol.com
Topic: 26087 Message: 26092

Hi Chris-N1MIE,
I have read your last three posts, regarding the FT-897D and the Buddipole antenna. I was in the same boat about 15 months ago when I bought an FT-897 (not D) with two batteries but alas, no charger! I quickly discovered that the unit would not charge the batteries when in the radio and powered by an external 13.8 volt source. The Yaesu CD-24 seemed too expensive, but when you consider what all it does, as I found out later, the price is in line with the product. I opted to purchase a universal, solid state controlled unit from Batteryspace.Com. I runs the charging voltage up to 16.5 volts and when detects slight drop in voltage, when the battery is fully charged, it supplies a trickle voltage of 15.5 volts.
Also I had a Yaesu FC-20 antenna tuner for my FT-847 transceiver, which had a very limited range, and I purchased a LDG AT-100 Pro. The LDG antenna tuner was a full two lengths ahead of the Yaesu unit. Of course if you already have a manual turner, it will be just fine, If you want a nice tuner for the FT-897D, LDG makes a good wide range too.
It not fully automatic, say push and hold one button, but it comes with all the necessary cables. The W4RT site has goodies for the FT-897 as well.
About 2 months after the purchase of the used FT-897, I got the Super Antenna MP-! for portable use. It is a vertical and you need to put out a counterpoise for it, so deciding I did not want to get into stringing out the wires for the counterpoise, I picked up a gently used Buddipole Deluxe, with some extra pieces an another Hamfest, figuring to use it as a dipole or dipole variations, and not have to mess with counterpoises. So having a shortened antenna with narrow tuning ranges, needed an antenna analyzer, like the MFG-259B to tune- up the Buddipole. Do you see where I am going with this? HI HI

I have enjoyed making bits and pieces for the Buddipole system out of schedule 80 PVC, like adapters, guying connectors out of couplings and many various adapters for 2 and 3 element beams. The PVC machines well, that is drilling and tapping (threading) and also modifying adapters to also take the standard 3/8-24 threaded parts for mobile whips, picking up studs and couplings at Hamfests. The Buddipole is very well made and of course very versatile.
The internal batteries, in the FT-897, are very nice but limited as to any long term operation, so I added a 33 Amp-Hr, SLA lead acid battery to the "portable" operation as well.
My plan is to operate PSK 31, which now, we add a Laptop too.
I am almost sorry I sold my 10 year old pick-up truck, perhaps an ATV with a trailer? If you want, I will give you my e-mail address, and we can swap stories and experiences.
de Charley-KC3KN

[Non-text portions of this message have been removed]

26093. Re: [FT897] New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-19 00:01:59 UTC
From: C. Griffin
Topic: 26087 Message: 26093

On May 18, 2009, at 09:13, Dean Nash wrote:

> Can't speak definetively to your charging questions since I don't
> have my stuff here. My recollection is that you have to charge with
> the CD-24. You can supply 12vdc to the CD-24 with a Molex plug from
> your car or buy a PD-26 or equivalent for home charging.

After a few responses I'm seeing the writing on the wall. So I've added more expense to the setup and ordered a CD-24 and PA-26. Those should be here before the week closes out (ordered at an accelerated rate). Buddipole arrived today. Now just need the batts and the charger (I'm pretty sure that I read that you need either the charged batteries or the internal power supply to run the radio).

> On your tuner question, the AT897 is FAR superior to the FC-30 from
> Yaesu. I've had both and sent the FC-30 back within 7 days. LDG's
> customer service is fantastic if you have any issues. The first one
> I got was bad and they cross shipped a new one out based on my
> description of the problem on the phone.

Given that I've already forked out $1,680+ on the setup, I think I'm going to skip the tuner for now. I've been studying up on the Buddipole on it's group, and it sounds like I can get it where I need it with the equipment I already have. I already have an antenna analyzer which I can use to setup the Buddipole for field operations. I will later look at adding a tuner for long-wire operations.

73,
--de Chip (N1MIE) FN41bn

26094. Re: [FT897] Re: New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-19 00:04:42 UTC
From: C. Griffin
Topic: 26087 Message: 26094

On May 18, 2009, at 09:33, Ken Bandy wrote:

> You'll really enjoy the FT-897D.

I'm looking forward to putting it in service.

> Regarding the Buddipole, it's best, as with any antenna, to tune the
> BP to resonance on the band you're using, and not use a tuner. If
> you don't already have one, an antenna analyzer of some sort would
> be a great investment for this application. Also, if you haven't
> already, you'll want to join the Buddipole Users Group, at
http://groups.yahoo.com/group/Buddipole/Budd
> (the creator of the Buddipole), and his son Chris (owner of the
> company) are active on this group, and very responsive to questions
> and comments.

Thanks for the suggestion. I joined the group and have started reading and inquiring there regarding my new (just received, not used yet) antenna.

I wasn't sure what you meant by your first sentence at first. But I think I have the idea now. I will use my antenna analyzer to adjust the Buddipole until I have it set for whatever band I'm going to operate on. I'm looking forward to taking a trip to Mount Misery this coming weekend (assuming all parts are in play by then) for some operations.

73,
--de Chip (N1MIE) FN41bn

26095. Re: [FT897] New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-19 00:13:53 UTC
From: C. Griffin
Topic: 26087 Message: 26095

On May 18, 2009, at 19:16, luffnutt@... wrote:

> Hi Chris-N1MIE,

Chris is my brother ... I'm Chip. :)

> The Yaesu CD-24 seemed too expensive, but when you consider what
> all it does, as I found out later, the price is in line with the
> product.

What all does it do?

> I opted to purchase a universal, solid state controlled unit from
> Batteryspace.Com. I runs the charging voltage up to 16.5 volts and
> when detects slight drop in voltage, when the battery is fully
> charged, it supplies a trickle voltage of 15.5 volts.

Any advantage of this over the CD-24?

> Of course if you already have a manual turner, it will be just
> fine, If you want a nice tuner for the FT-897D, LDG makes a good
> wide range too.

When it's time, I will get an LDG. But not right now.

> The W4RT site has goodies for the FT-897 as well.

Any particular that you feel are indispensable?

> So having a shortened antenna with narrow tuning ranges, needed an
> antenna analyzer, like the MFG-259B to tune- up the Buddipole. Do
> you see where I am going with this? HI HI

The same place as me ... an empty wallet?

> I have enjoyed making bits and pieces for the Buddipole system out
> of schedule 80 PVC, like adapters, guying connectors out of
> couplings and many various adapters for 2 and 3 element beams. The
> PVC machines well, that is drilling and tapping (threading) and also
> modifying adapters to also take the standard 3/8-24 threaded parts
> for mobile whips, picking up studs and couplings at Hamfests. The
> Buddipole is very well made and of course very versatile.

I thought it was a fairly complete system, what more do you need to
make? I will be supplying my own tripod, I have three or four which
will suit that I purchased for antenna purposes (I also use them to
deploy VHF/UHF antennas for ARES events).

> The internal batteries, in the FT-897, are very nice but limited as
> to any long term operation, so I added a 33 Amp-Hr, SLA lead acid
> battery to the "portable" operation as well.

How long do folks typically get at various power levels? (Obviously
will depend on tx/rx ratios.)

> My plan is to operate PSK 31, which now, we add a Laptop too. I am
> almost sorry I sold my 10 year old pick-up truck, perhaps an ATV
> with a trailer?

ATVs are not permitted in my local state parks. So I will limit to
hiking or mountain biking abilities. Of course I can also pack up in
my Dodge Ram 1500 when needed and access a lot of great places. So
there will be various scenarios in play. One thing I don't plan (at
this time) is portable operation on foot (while still walking).

73,
--de Chip (N1MIE) FN41bn

26096. Question about using HRD and 897d squellching during tuning

Yahoo group: FT897 (2009)
Date: 2009-05-19 14:58:37 UTC
From: wa0lhb_john
Topic: 26096 Message: 26096

Hi,
While using HRD to operate on the HF bands everything works as I would expect except the audio is briefly squelched on each tuning step as I drag the tuning button across the frequencies.

Is this normal for HRD and the 897?

My FT-950 doesn't have this malady while tuning.

I searched the list but probably didn't use the right key words... at any rate I have the Baud set to 9600 with DTS set and have tried various settings for critical menu settings with no help.

Thanks for any insights.

John WA0LHB

26097. Re: [FT897] Question about using HRD and 897d squellching during tuning

Yahoo group: FT897 (2009)
Date: 2009-05-19 15:11:23 UTC
From: Thomas Wilson
Topic: 26096 Message: 26097

I have noticed the same effect. It might be worth downloading FTBCAT from http://www.g4hfq.co.uk/download.html and see if it does the same thing.

There has been some talk on the HRD forums about this, too. It makes it impossible to use the Band Scope as well...
On Tue, May 19, 2009 at 7:58 AM, wa0lhb_john <wa0lhb@...> wrote:

>
>
> Hi,
> While using HRD to operate on the HF bands everything works as I would
> expect except the audio is briefly squelched on each tuning step as I drag
> the tuning button across the frequencies.
>
> Is this normal for HRD and the 897?
>
> My FT-950 doesn't have this malady while tuning.
>
> I searched the list but probably didn't use the right key words... at any
> rate I have the Baud set to 9600 with DTS set and have tried various
> settings for critical menu settings with no help.
>
> Thanks for any insights.
>
> John WA0LHB
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26098. Spontaneous Full Reset!

Yahoo group: FT897 (2009)
Date: 2009-05-19 16:02:15 UTC
From: Paul Graham
Topic: 26096 Message: 26098

Hello,

Two days ago my 897D flickered off and came back on without me touching anything (at least I don't think I touched anything). On inspection it turns out that the radio had done a full reset. I don't think there was a power outage as the lights didn't flicker. The radio seems to be working properly now.

Has anyone else had this happen to them?

Thanks,

Paul.

[Non-text portions of this message have been removed]

26099. New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-19 17:51:44 UTC
From: stingray615
Topic: 26099 Message: 26099

Hi, my name is Ken, KF7COO, in Mt. Just acquired a general license and am just getting started in ham radio. My first purchase for a base radio is the FT897D, it looks very well made and will probably be all the radio I'll ever need. I bought a Yaesu VX177 last year and am totally impressed with the quality of that... it looks and feels like its almost bulletproof! So far I've only bought the bare radio.... don't have a pwr supply, batteries, antenna... nothing. I'm hoping to get some good advice and sources from those of you who are way more knowlegable than I am. Maybe one day soon I'll be able to help someone out too. Glad to be here,

Ken

26100. Re: Spontaneous Full Reset!

Yahoo group: FT897 (2009)
Date: 2009-05-19 16:24:36 UTC
From: rsq14emt
Topic: 26096 Message: 26100

No, I haven't had this happen before. I had to do a hard reset after I installed the two optional filters and batteries. I don't think the intallation had much to do with it. The radio blew the fuse in the DC car plug because the fuse was not big enough for the radio and my auto squelch on VHF/UHF didn't work after that and the radio had slipped into emergency mode. I had to find the menu for that and turn OFF the emergency mode and eventually did a hard reset. Now that I have the batteries installed, if I do lose power, the batteries seemlessly take over withough any problems.

KF4DUS

--- In FT897@yahoogroups.com, Paul Graham <cooldotwebdesign@...> wrote:
>
> Hello,
>
> Two days ago my 897D flickered off and came back on without me touching anything (at least I don't think I touched anything). On inspection it turns out that the radio had done a full reset. I don't think there was a power outage as the lights didn't flicker. The radio seems to be working properly now.
>
> Has anyone else had this happen to them?
>
> Thanks,
>
> Paul.
>
>
>
>
> [Non-text portions of this message have been removed]
>

26101. New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 03:30:26 UTC
From: bigv316@ymail.com
Topic: 26101 Message: 26101

Hi guys

I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!)
anyway my question is what would be a good choice for an external battery that I can use for portable operations? I would like to operate at 50 to 70 watts or so.

Also how many hours do think I can get on external battery power figuring that I will be listening allot more than talking?

Thanks, KI4HSK

26102. RE: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 21:18:12 UTC
From: D. F.
Topic: 26101 Message: 26102

Car battery or 12v gel-cell.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of bigv316@...
Sent: Monday, May 18, 2009 22:30
To: FT897@yahoogroups.com
Subject: [FT897] New to the group and the 897 and need external battery advice

Hi guys

I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!) anyway my question is what would be a good choice for an external battery that I can use for portable operations? I would like to operate at 50 to 70 watts or so.

Also how many hours do think I can get on external battery power figuring that I will be listening allot more than talking?

Thanks, KI4HSK

[Non-text portions of this message have been removed]

26103. RE: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 21:24:36 UTC
From: Cliff Bryant
Topic: 26101 Message: 26103

I use a sealed lead acid battery designed for electric carts. The battery is a 12V 12Ah unit. The battery is a CSB unit, item code EVX12120F2.

Note that a standard car battery is _not_ a good choice since it's not designed for deep discharge use whereas a cart battery is.

You can easily obtain a deep cycle unit over the web or eBay.

I charge my unit using a solar charger which puts current in at about 0.7A in bright sunlight.

The working time depends on the transmit duty cycle of course. I would reckon on a few hours maximum on full charge. With my solar charger (and assuming decent sunshine!) I hope to operate pretty much all day on and off.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of bigv316@...
Sent: 19 May 2009 04:30
To: FT897@yahoogroups.com
Subject: [FT897] New to the group and the 897 and need external battery advice

Hi guys

I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!) anyway my question is what would be a good choice for an external battery that I can use for portable operations? I would like to operate at 50 to 70 watts or so.

Also how many hours do think I can get on external battery power figuring that I will be listening allot more than talking?

Thanks, KI4HSK

_,_._,___

[Non-text portions of this message have been removed]

26104. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 21:58:31 UTC
From: Larry D. Barr, K5WLF
Topic: 26101 Message: 26104

I use a pair of PowerSonic PS121000 AGM batteries to power my shack during power failures. They are maintained, when the grid is up, by a 45A linear PS through a West Mountain Radio Super PWRGate. The WMR unit is a 3-stage AGM charger and also acts as a transfer switch when the grid goes down. For extended grid outages, I can connect the 2 X 64 watt PV panels on my pickup into the battery bank in the shack.

You can see the PV panels on the pickup in action at:
http://wedothatradio.wordpress.com/2008/04/11/green-radio-we-do-that/

I run an 897D, a 2800M, a scanner and a laptop off my 12 VDC buss so that if the power goes out in the middle of a WX net, I've still got radar, two area repeaters and public service comms.

Remember when calculating your estimated runtime that you don't want to draw the batteries below 50% charge. Anything over that will seriously shorten the battery life.

Cliff is right about not using a standard car battery. Another reason for not using a flooded cell battery is that they outgas hydrogen (highly explosive) and sulfuric acid fumes (highly corrosive). You don't want either substance inside your shack.

Mouser currently has the PowerSonic batteries in stock for $290/ea. Last time I checked http://www.dcbattery.com/ was out of the PowerSonic units but had a Full River equivalent for about $285/ea delivered to Texas.

73,
ldb
K5WLF

Cliff Bryant wrote:
> I use a sealed lead acid battery designed for electric carts. The
> battery is a 12V 12Ah unit. The battery is a CSB unit, item code
> EVX12120F2.
>
> Note that a standard car battery is _not_ a good choice since it's not
> designed for deep discharge use whereas a cart battery is.
>
> You can easily obtain a deep cycle unit over the web or eBay.
>
> I charge my unit using a solar charger which puts current in at about
> 0.7A in bright sunlight.
>
> The working time depends on the transmit duty cycle of course. I would

> reckon on a few hours maximum on full charge. With my solar charger (and
> assuming decent sunshine!) I hope to operate pretty much all day on and
> off.
>
> Cliff, G4PZK
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> bigv316@...
> Sent: 19 May 2009 04:30
> To: FT897@yahoogroups.com
> Subject: [FT897] New to the group and the 897 and need external battery
> advice
>
> Hi guys
>
> I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!)
> anyway my question is what would be a good choice for an external
> battery that I can use for portable operations? I would like to operate
> at 50 to 70 watts or so.
>
> Also how many hours do think I can get on external battery power
> figuring that I will be listening allot more than talking?
>
> Thanks, KI4HSK

26105. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 22:00:06 UTC
From: Thomas Wilson
Topic: 26101 Message: 26105

I agree with Cliff. A golf cart battery is not a bad choice. Definitely don't mess with a regular car battery: a gel cell, golf cart battery or an RV battery is designed for the kind of use you'll put yours through. Starter batteries are designed for large, short bursts of power. Deep cycle batteries are designed for long, slow discharges.

The key to battery life is really 2 things: your power consumption and the battery's capacity. You can only estimate your power consumption by guessing how much you'll use the radio, but if you figure an average of 15 amps while transmitting voice (20 for digital) and 1 amp while receiving. 1 amp-hour is a draw of 1 amp over one hour. (That's at full power.) Make a wild guess of a 10:1 ratio: 10 minutes listening for 1 minute talking. With that ratio, you will probably draw 16 Ah over an hour period. The larger jump-start packs, at 18-20 Ah, would then be good for an hour under those conditions. Your typical RV battery at 200 Ah would be good for around 10 hours.

On Tue, May 19, 2009 at 2:24 PM, Cliff Bryant <CliffB@...> wrote:

>
>
> I use a sealed lead acid battery designed for electric carts. The
> battery is a 12V 12Ah unit. The battery is a CSB unit, item code
> EVX12120F2.
>
> Note that a standard car battery is _not_ a good choice since it's not
> designed for deep discharge use whereas a cart battery is.
>
> You can easily obtain a deep cycle unit over the web or eBay.
>
> I charge my unit using a solar charger which puts current in at about
> 0.7A in bright sunlight.
>
> The working time depends on the transmit duty cycle of course. I would
> reckon on a few hours maximum on full charge. With my solar charger (and
> assuming decent sunshine!) I hope to operate pretty much all day on and
> off.
>
> Cliff, G4PZK
>
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> bigv316@... <bigv316%40ymail.com>
> Sent: 19 May 2009 04:30

> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] New to the group and the 897 and need external battery
> advice
>
> Hi guys
>
> I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!)
> anyway my question is what would be a good choice for an external
> battery that I can use for portable operations? I would like to operate
> at 50 to 70 watts or so.
>
> Also how many hours do think I can get on external battery power
> figuring that I will be listening allot more than talking?
>
> Thanks, KI4HSK
>
> _,_._,___
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26106. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 22:11:43 UTC
From: Richard Corfield
Topic: 26101 Message: 26106

My first response to this was sealed lead acid or similar. Gel cells sound interesting.

I took my 897 out on a RAYNET duty using an old but hopefuly good condition NiMH 4Ah battery pack. Mostly listening with some transmit on 5 or 10W FM. I reckon it did about 6 or so hours of this before suddently failing, which is typical behaviour of NiMH. I had two battery packs with me so switched over and did the whole day's outing with ease.

I don't know if the 897 has any power saving features when on internal battery packs. I thought it did things like shut down the audio stages when not in use. That was obvious on mine on headphones before its repair but is not obvious now. Current draw with squelch closed I'm guessing from my meter is just under 1A. That's fairly big in comparison with some of the QRP radios and kits out there that draw less. Transmit pulls up to 10A, mostly around 4 to 8A at the powers I use.

- Richard

2009/5/19 Thomas Wilson <wilsontp@...>

>
>
> I agree with Cliff. A golf cart battery is not a bad choice. Definitely
> don't mess with a regular car battery: a gel cell, golf cart battery or an
> RV battery is designed for the kind of use you'll put yours through.
> Starter
> batteries are designed for large, short bursts of power. Deep cycle
> batteries are designed for long, slow discharges.
>
> The key to battery life is really 2 things: your power consumption and the
> battery's capacity. You can only estimate your power consumption by
> guessing
> how much you'll use the radio, but if you figure an average of 15 amps
> while
> transmitting voice (20 for digital) and 1 amp while receiving. 1 amp-hour
> is
> a draw of 1 amp over one hour. (That's at full power.) Make a wild guess of
> a 10:1 ratio: 10 minutes listening for 1 minute talking. With that ratio,
> you will probably draw 16 Ah over an hour period. The larger jump-start
> packs, at 18-20 Ah, would then be good for an hour under those conditions.
> Your typical RV battery at 200 Ah would be good for around 10 hours.
>
>
> On Tue, May 19, 2009 at 2:24 PM, Cliff Bryant <CliffB@...<CliffB%40nse.co.uk>>

> wrote:
>
> >
> >
> > I use a sealed lead acid battery designed for electric carts. The
> > battery is a 12V 12Ah unit. The battery is a CSB unit, item code
> > EVX12120F2.
> >
> > Note that a standard car battery is _not_ a good choice since it's not
> > designed for deep discharge use whereas a cart battery is.
> >
> > You can easily obtain a deep cycle unit over the web or eBay.
> >
> > I charge my unit using a solar charger which puts current in at about
> > 0.7A in bright sunlight.
> >
> > The working time depends on the transmit duty cycle of course. I would
> > reckon on a few hours maximum on full charge. With my solar charger (and
> > assuming decent sunshine!) I hope to operate pretty much all day on and
> > off.
> >
> > Cliff, G4PZK
> >
> >
> > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com> [mailto:
> > FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%40yahoogroups.com>]
> On Behalf Of
> > bigv316@... <bigv316%40ymail.com> <bigv316%40ymail.com>
> > Sent: 19 May 2009 04:30
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <FT897%
> 40yahoogroups.com>
> > Subject: [FT897] New to the group and the 897 and need external battery
> > advice
> >
> > Hi guys
> >
> > I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!)
> > anyway my question is what would be a good choice for an external
> > battery that I can use for portable operations? I would like to operate
> > at 50 to 70 watts or so.
> >
> > Also how many hours do think I can get on external battery power
> > figuring that I will be listening allot more than talking?
> >
> > Thanks, KI4HSK
> >
> > _,_._,___
> >
> > [Non-text portions of this message have been removed]

> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@... <wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

26107. Re: [FT897] New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-19 22:13:17 UTC
From: Thomas Wilson
Topic: 26099 Message: 26107

Depending on what you're going to do, you'll at least need an antenna and power supply.

For an antenna, the choices vary widely: you can do anything from monoband dipoles and multi-band dipoles to vertical antennas. You can make inter-continental contacts on either: I witnessed a kid make a contact to Poland last night on a vertical.

For power, choices also vary, but the brand I keep hearing as the best is Astron. You can never over-buy in the power department; I'd suggest getting a 35-40 watt power supply. The radio peaks at 22 amps, and you can probably run it from a smaller supply, the difference in price is not really worth going without a radio because your power supply puked.

You can do something like the Hustler 5 or 6 band vertical for around $150-200, or you can go with a higher-class antenna for around $300-400. However, if you have the room, a multi-band dipole might be the way to go. A fan dipole has a separate wire for each band, and they're not too pricey... the only catch is that you need space to lay it out and attach it to your end points.

For 2M and 440 use, you can either get a fancy dual-band dipole, a simple ground plane antenna, or go to Radio Shack and get their $26 scanner antenna. I've been using one of those for years, and it's done a great job. My antenna mast is a piece of 3/4" PVC stuck in the end of a flag holder.

The best and smartest thing, though, is to find a local amateur radio club. I found a great group around here; the guys are very helpful, and most of their advice actually works!

On Tue, May 19, 2009 at 10:51 AM, stingray615 <stingray615@...> wrote:

>
>
> Hi, my name is Ken, KF7COO, in Mt. Just acquired a general license and am
> just getting started in ham radio. My first purchase for a base radio is the
> FT897D, it looks very well made and will probably be all the radio I'll ever
> need. I bought a Yaesu VX177 last year and am totally impressed with the
> quality of that... it looks and feels like its almost bulletproof! So far
> I've only bought the bare radio.... don't have a pwr supply, batteries,
> antenna... nothing. I'm hoping to get some good advice and sources from
> those of you who are way more knowlegable than I am. Maybe one day soon I'll
> be able to help someone out too. Glad to be here,
>
> Ken
>
>

>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26108. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-19 23:51:33 UTC
From: Harold Burton
Topic: 26101 Message: 26108

Admittedly not a documented testimony, but for years I've been using regular auto batteries in my trailers rather than the deep cycle variety. Started after I
got one year out of a Diehard deep cycle battery in a travel trailer. I get 4 or
five years out of the regular car batteries (6 out of the latest, it has just now
failed) and none of them have failed as quick as the Diehard deep cycle battery did.
I don't wilderness camp, which is where I'd expect to benefit from a properly
working deep cycle battery.

Harold
KD5SAK

----- Original Message -----
From: "Cliff Bryant" <CliffB@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, May 19, 2009 4:24 PM
Subject: RE: [FT897] New to the group and the 897 and need external battery advice

>I use a sealed lead acid battery designed for electric carts. The
> battery is a 12V 12Ah unit. The battery is a CSB unit, item code
> EVX12120F2.
>
> Note that a standard car battery is _not_ a good choice since it's not
> designed for deep discharge use whereas a cart battery is.
>
> You can easily obtain a deep cycle unit over the web or eBay.
>
> I charge my unit using a solar charger which puts current in at about
> 0.7A in bright sunlight.
>
>
>
> The working time depends on the transmit duty cycle of course. I would
> reckon on a few hours maximum on full charge. With my solar charger (and
> assuming decent sunshine!) I hope to operate pretty much all day on and
> off.
>
>
>

> Cliff, G4PZK

26109. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-20 00:02:50 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26101 Message: 26109

I agree with some of the other posters, that the AGM batteries are probably best. I have two of them.

After having bought some duds, I now only buy directly from a local battery distributer. That seems to be the most effective way to find a FRESH battery. Avoid the battery surplus market.

Keep your new batteries on FLOAT chargers. These are designed to continuously maintain a full charge on your batteries. For lead-acid type batteries, this will both give the battery a long life (if it is in good condition to start with), and it will be fully charged when needed.

Find out what your local emergency groups use for battery connectors. Check with your club or local ARES group. In my area, we use Anderson Powerpole connectors. I have wires with powerpoles connected to the batteries. There are fuses on these for safety. I also re-terminated my float chargers with the powerpoles, which makes swapping batteries quick and easy.

Rob
AF6CM

26110. RE: [FT897] New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-20 00:41:52 UTC
From: D. F.
Topic: 26099 Message: 26110

<For power, choices also vary, but the brand I keep hearing as the best
is
Astron. You can never over-buy in the power department; I'd suggest
getting
a 35-40 watt power supply. The radio peaks at 22 amps, and you can
probably
run it from a smaller supply, the difference in price is not really
worth
going without a radio because your power supply puked.>

I think you meant a 35 to 40 AMP, not WATT, power supply. Let's not
confuse the man this early in his hobby!

Dennis - N8BMB

[Non-text portions of this message have been removed]

26111. Re: New Member Introduction

Yahoo group: FT897 (2009)
Date: 2009-05-20 01:00:14 UTC
From: tenorman1952
Topic: 26087 Message: 26111

--- In FT897@yahoogroups.com, "Chip" <n1mie@...> wrote:
>
> Greetings to all,
>
> I just purchased an FT-897D, still haven't taken it out of the box yet.

(trimmed)

>For those who do use a tuner, what do you recommend? Anyone used the LDG 897 specific model?

(trimmed)

> Thanks.
> de Chip/N1MIE in FN41bn
> President of RASON, CT ARES Area 4 South ADEC

The LDG AT-897 works great, and is highly recommended by nearly all who use it, even over the Yaesu tuner.

Paul
AE5JU

26112. Re: [FT897] New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-20 01:36:11 UTC
From: Thomas Wilson
Topic: 26099 Message: 26112

oops. yup. powering a 22 amp radio with a 40 watt power supply would be a work of magic. :)

Yes, you want a 35-40 AMP power supply. :) Personally, I like a lot of headroom for 2 reasons: the power supply usually stays cooler, and not running at its max output will probably help it to last longer. Of course, I've only had 1 power supply fail on me over the years, and it was an 8 amp supply that was feeding a radio that only needed 2 amps, so go figure.

One thing I noticed is that Radio Shack is clearing out their 25 amp switching power supply; I grabbed one at $60 to have on hand.

On Tue, May 19, 2009 at 5:41 PM, D. F. <n8bmb1@...> wrote:

>
>
> <For power, choices also vary, but the brand I keep hearing as the best
> is
> Astron. You can never over-buy in the power department; I'd suggest
> getting
> a 35-40 watt power supply. The radio peaks at 22 amps, and you can
> probably
> run it from a smaller supply, the difference in price is not really
> worth
> going without a radio because your power supply puked.>
>
>
> I think you meant a 35 to 40 AMP, not WATT, power supply. Let's not
> confuse the man this early in his hobby!
>
> Dennis - N8BMB
>
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26113. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-20 02:26:48 UTC
From: Larry D. Barr, K5WLF
Topic: 26101 Message: 26113

Thomas, I'm gonna take a bit of issue with your math here. I think you forgot to apply the actual percentages of the duty cycle.

Let's work with the actual numbers from the manual for this example. According to Yaesu, the FT-897D draws 1A on receive and 22A on full power transmit. We'll assume a duty cycle of 90% receive and 10% transmit, which is probably close unless you're net control.

Therefore, in one hour the radio will draw:

Receive 1A X 0.9 hour = 0.9 Ah

+

Transmit 22A X 0.1 hour = 2.2 Ah

=

Total 3.1 Ah

Under those conditions, a 20 Ah battery will last (drawn to 50% charge) for just over three hours, while a 200 Ah battery (also drawn to 50% charge) will power the radio for 32.25 hours. The batteries will last longer if the draw is not continuous.

BTW, the radio draws only 600 mA in squelched status, so you'll save a little bit of battery capacity if you're working in that mode.

73,
ldb
K5WLF

Thomas Wilson wrote:
> <snip>
>
> The key to battery life is really 2 things: your power consumption and the
> battery's capacity. You can only estimate your power consumption by guessing
> how much you'll use the radio, but if you figure an average of 15 amps while
> transmitting voice (20 for digital) and 1 amp while receiving. 1 amp-hour is
> a draw of 1 amp over one hour. (That's at full power.) Make a wild guess of
> a 10:1 ratio: 10 minutes listening for 1 minute talking. With that ratio,
> you will probably draw 16 Ah over an hour period. The larger jump-start
> packs, at 18-20 Ah, would then be good for an hour under those conditions.
> Your typical RV battery at 200 Ah would be good for around 10 hours.

26114. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-20 03:28:30 UTC
From: Thomas Wilson
Topic: 26101 Message: 26114

Wow. Today hasn't been my day! :D I guess that's why I shouldn't be trying
to reply when I don't really have time to sit down and do it right.

On Tue, May 19, 2009 at 7:26 PM, Larry D. Barr, K5WLF
<k5wlf@...>wrote:

>
>
> Thomas, I'm gonna take a bit of issue with your math here. I think you
> forgot to apply the actual percentages of the duty cycle.
>
> Let's work with the actual numbers from the manual for this example.
> According to Yaesu, the FT-897D draws 1A on receive and 22A on full
> power transmit. We'll assume a duty cycle of 90% receive and 10%
> transmit, which is probably close unless you're net control.
>
> Therefore, in one hour the radio will draw:
>
> Receive 1A X 0.9 hour = 0.9 Ah
>
> +
>
> Transmit 22A X 0.1 hour = 2.2 Ah
>
> =
>
> Total 3.1 Ah
>
> Under those conditions, a 20 Ah battery will last (drawn to 50% charge)
> for just over three hours, while a 200 Ah battery (also drawn to 50%
> charge) will power the radio for 32.25 hours. The batteries will last
> longer if the draw is not continuous.
>
> BTW, the radio draws only 600 mA in squelched status, so you'll save a
> little bit of battery capacity if you're working in that mode.
>
> 73,
> ldb
> K5WLF
>
> Thomas Wilson wrote:
> > <snip>
> >
> > The key to battery life is really 2 things: your power consumption and

> the
> > battery's capacity. You can only estimate your power consumption by
> guessing
> > how much you'll use the radio, but if you figure an average of 15 amps
> while
> > transmitting voice (20 for digital) and 1 amp while receiving. 1 amp-hour
> is
> > a draw of 1 amp over one hour. (That's at full power.) Make a wild guess
> of
> > a 10:1 ratio: 10 minutes listening for 1 minute talking. With that ratio,
> > you will probably draw 16 Ah over an hour period. The larger jump-start
> > packs, at 18-20 Ah, would then be good for an hour under those
> conditions.
> > Your typical RV battery at 200 Ah would be good for around 10 hours.
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26115. Re: [FT897] New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-20 03:42:31 UTC
From: Larry D. Barr, K5WLF
Topic: 26101 Message: 26115

I've had those kind of days ;-)

73,
ldb
K5WLF

Thomas Wilson wrote:
> Wow. Today hasn't been my day! :D I guess that's why I shouldn't be trying
> to reply when I don't really have time to sit down and do it right.
>
> On Tue, May 19, 2009 at 7:26 PM, Larry D. Barr, K5WLF
> <k5wlf@...>wrote:
>
>>
>> Thomas, I'm gonna take a bit of issue with your math here. I think you
>> forgot to apply the actual percentages of the duty cycle.
>>
>> Let's work with the actual numbers from the manual for this example.
>> According to Yaesu, the FT-897D draws 1A on receive and 22A on full
>> power transmit. We'll assume a duty cycle of 90% receive and 10%
>> transmit, which is probably close unless you're net control.
>>
>> Therefore, in one hour the radio will draw:
>>
>> Receive 1A X 0.9 hour = 0.9 Ah
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>> +
>>
>> Transmit 22A X 0.1 hour = 2.2 Ah
>>
>> =
>>
>> Total 3.1 Ah
>>
>> Under those conditions, a 20 Ah battery will last (drawn to 50% charge)
>> for just over three hours, while a 200 Ah battery (also drawn to 50%
>> charge) will power the radio for 32.25 hours. The batteries will last
>> longer if the draw is not continuous.
>>
>> BTW, the radio draws only 600 mA in squelched status, so you'll save a
>> little bit of battery capacity if you're working in that mode.
>>
>> 73,
>> ldb

>> K5WLF
>>
>> Thomas Wilson wrote:
>>> <snip>
>>>
>>> The key to battery life is really 2 things: your power consumption and
>> the
>>> battery's capacity. You can only estimate your power consumption by
>> guessing
>>> how much you'll use the radio, but if you figure an average of 15 amps
>> while
>>> transmitting voice (20 for digital) and 1 amp while receiving. 1 amp-hour
>> is
>>> a draw of 1 amp over one hour. (That's at full power.) Make a wild guess
>> of
>>> a 10:1 ratio: 10 minutes listening for 1 minute talking. With that ratio,
>>> you will probably draw 16 Ah over an hour period. The larger jump-start
>>> packs, at 18-20 Ah, would then be good for an hour under those
>> conditions.
>>> Your typical RV battery at 200 Ah would be good for around 10 hours.

26116. Re: [FT897] New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-20 12:44:18 UTC
From: Kerryguy7
Topic: 26099 Message: 26116

Hello Ken and welcome to the group! Congratulations on your General license as well!
You've come to the right place for all kinds of advice (and opinions!) about the 897D.
Seriously, this group has been an exceptional spot for me as well as many others to learn as much as we can about the basics, intricacies and "hidden aspects" of the 897 rig.
Be sure to check out the files section of this group as well. There is a wealth of material there including operator's manuals, tips about using the menus, questions concerning batteries, swr questions ,antenna pointers, etc. Lots of great files that make for some interesting reading...especially while you are waiting for that UPS truck to arrive!
Personally I have mt 897 set up using the internal power supply. Currently I only transmit on the twenty meter band feeding my rig into a "Par Electronics End-Fed Monoband Antenna". So far so good. I find the internal power supply works flawlessly. Although some members of the group here have mentioned that some of the earliest models of the internal power unit were a bit noisy, those being produced now seem to have been cured of that problem.
The nice thing about the 897D is the fact that it also can be a great grab and go rig! The battery option is a really nice feature to have as well.
Great option for camping trips, field day operations, you name it!
Anyway, like I said Ken, welcome to the group!
'73!
Tom KC8TBY

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: stingray615 <stingray615@...>
To: FT897@yahoogroups.com
Sent: Tuesday, May 19, 2009 1:51:44 PM
Subject: [FT897] New member intro;

Hi, my name is Ken, KF7COO, in Mt. Just acquired a general license and am just getting started in ham radio. My first purchase for a base radio is the FT897D, it looks very well made and will probably be all the radio I'll ever need. I bought a Yaesu VX177 last year and am totally impressed with the quality of that... it looks and feels like its almost bulletproof! So far I've only bought the bare radio.... don't have a pwr supply, batteries, antenna... nothing. I'm hoping to get some good advice and sources from those of you who are way more knowlegable than I am. Maybe one day soon I'll be able to help someone out too. Glad to be here,

Ken

[Non-text portions of this message have been removed]

26117. Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-20 13:03:47 UTC
From: rbfh1
Topic: 26117 Message: 26117

I'm using Airlink Express to get on the air with PSK-31 on my FT-897. My problem is having the AirLink Express program read the frequency of the radio and what band it's tuned to. My question is: Can I use the same cable that I use to program the FT-897 with my laptop for use as a radio control cable. The programing cable is a 6 pin DIN to a serial connector and then an adapter with a serial to USB connection. The cable works fine as a programming cable, but I didn't know if the control cables have different pin outs. I would also appreciate any help with the communication parameters. I think they should be 1 start bit, 8 bits per byte, 2 stop bits, and no parity. If anybody is using Airlink Express with their FT-897 and has it up and running with the program displaying freq and band, please help. Dave N9XHL

26118. Re: New to the group and the 897 and need external battery advice

Yahoo group: FT897 (2009)
Date: 2009-05-20 14:03:07 UTC
From: ve3wmb
Topic: 26101 Message: 26118

There has been some good advice on this topic already posted.

Sealed Lead Acid is the way to go. I use both an 18ah Battery Booster Pack and a 32ah SLA designed for a motorized wheel chair, depending on how long I want to operate for.

Investing in a decent Smart Charger for SLAs is also a good idea.

Another thought is why not consider dropping your TX power to about 25 watts, and focusing on putting up a better antenna? (The difference between 25w and 50w is only about 1/2 an S-unit.) I have found that 25w on SSB will net you a lot of contacts with no issues.

This will cut your current consumption on transmit. I suggest using something like a DK9SQ mast to support a 44 foot or 88 foot doublet as an inverted vee, fed with TV Twinlead or ladder line to an auto-tuner. This will allow you to work multi-bands with a decent signal and will allow your antenna setup location to be independant of mother nature providing conveniently located trees as antenna supports. I have found that 5 foot flexible yellow fiberglass driveway markers (they have a plastic stake at the bottom and can be shoved in with your foot) make great end supports for a light inverted vee as they keep the ends of the wire off the ground and away from kids and pets and they are highly visible so that people don't run into them (important if you setup in a public space like a park).

Also as someone else suggested, only plan to use half of the capacity of the battery. Frequently discharging below 50% will shorten the life of an SLA battery. Also remember that at 10.5v an SLA is fully discharged, never drain it below this level or you will do damage to the battery.

Best of luck

Michael VE3WMB

--- In FT897@yahoogroups.com, "bigv316@..." <bigv316@...> wrote:
>
> Hi guys
>
> I am a soon to be ft-897 owner (as soon as UPS get here on Thursday!)
> anyway my question is what would be a good choice for an external battery that I can use for portable operations? I would like to operate at 50 to 70 watts or so.
>
> Also how many hours do think I can get on external battery power figuring that I will be listening allot more than talking?
>
> Thanks, KI4HSK
>

26119. FS: Inline RF Switched Preamps ☐ Really HEAR the Satellites on 144 / 435

Yahoo group: FT897 (2009)
Date: 2009-05-20 14:39:37 UTC
From: robert goodman
Topic: 26119 Message: 26119

Selling two AR2 Communications High Performance Inline Rf Switched Amateur Preamplifiers:

SP144VDG for 144-148 MHz and SP432VDG for 420-450 MHz. Both are GaAsFET with about 15-16 db of gain. These made all the difference in really hearing the Amsat birds with my HT and my FT-897D and FT-857D ☐ and if you can't hear them, you can't work them.

http://www.advancedreceiver.com/page7.html for manufacturer details.

Price for both: $189. Price includes shipping. Both have BNC connectors, are in great shape and working with no known problems.

These are almost never available used ☐ so grab these if you can.

73,

Robert
AA5FR
http://AA5FR.com

26120. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-20 15:03:43 UTC
From: Thomas Wilson
Topic: 26117 Message: 26120

Yes, the same cable performs both tasks: programming and computer control.

I believe my serial port config is 38400,n,8,1 (no parity, 8 data bits, 1 stop bit.) You can change the radio's CAT port speed from the menu.

I haven't used Airlink Express, but Ham Radio Deluxe works very well with my 897 (especially after I re-worked the button layout.. the default layout made no sense.)

On Wed, May 20, 2009 at 6:03 AM, rbfh1 <rbfh1@...> wrote:

>
>
> I'm using Airlink Express to get on the air with PSK-31 on my FT-897. My
> problem is having the AirLink Express program read the frequency of the
> radio and what band it's tuned to. My question is: Can I use the same cable
> that I use to program the FT-897 with my laptop for use as a radio control
> cable. The programing cable is a 6 pin DIN to a serial connector and then an
> adapter with a serial to USB connection. The cable works fine as a
> programming cable, but I didn't know if the control cables have different
> pin outs. I would also appreciate any help with the communication
> parameters. I think they should be 1 start bit, 8 bits per byte, 2 stop
> bits, and no parity. If anybody is using Airlink Express with their FT-897
> and has it up and running with the program displaying freq and band, please
> help. Dave N9XHL
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26121. Re: [FT897] FS: Inline RF Switched Preamps ☐ Really HEAR the Satellites on 144 / 435

Yahoo group: FT897 (2009)
Date: 2009-05-20 16:20:27 UTC
From: k4mpl@yahoo.com
Topic: 26121 Message: 26121

If you still have the preamps, i'd like to buy them.
Mike k4mpl

--- Original Message ---
From:"robert goodman" <robert@...>
Sent:Wed 5/20/09 10:40 am
To:FT897@yahoogroups.com
Subj:[FT897] FS: Inline RF Switched Preamps ? Really HEAR the Satellites on 144 / 435

Selling two AR2 Communications High Performance Inline Rf Switched Amateur Preamplifiers:

SP144VDG for 144-148 MHz and SP432VDG for 420-450 MHz. Both are GaAsFET with about 15-16 db of gain. These made all the difference in really hearing the Amsat birds with my HT and my FT-897D and FT-857D ? and if you can't hear them, you can't work them.

http://www.advancedreceiver.com/page7.html for manufacturer details.

Price for both: $189. Price includes shipping. Both have BNC connectors, are in great shape and working with no known problems.

These are almost never available used ? so grab these if you can.

73,

Robert
AA5FR
http://AA5FR.com

26122. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-20 20:31:47 UTC
From: Danny Loyd
Topic: 26117 Message: 26122

I have ordered the data to sound card cable for the 897 via eBay (which should be here anyday) and need to know if HRD will work through the sound card or do I need the USB/SERIAL cable?

Danny Loyd
KE5WDI

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 20, 2009 10:03:43 AM
Subject: Re: [FT897] Radio Control Cables

Yes, the same cable performs both tasks: programming and computer control.

I believe my serial port config is 38400,n,8,1 (no parity, 8 data bits, 1 stop bit.) You can change the radio's CAT port speed from the menu.

I haven't used Airlink Express, but Ham Radio Deluxe works very well with my 897 (especially after I re-worked the button layout.. the default layout made no sense.)

On Wed, May 20, 2009 at 6:03 AM, rbfh1 <rbfh1@comcast. net> wrote:

>
>
> I'm using Airlink Express to get on the air with PSK-31 on my FT-897. My
> problem is having the AirLink Express program read the frequency of the
> radio and what band it's tuned to. My question is: Can I use the same cable
> that I use to program the FT-897 with my laptop for use as a radio control
> cable. The programing cable is a 6 pin DIN to a serial connector and then an
> adapter with a serial to USB connection. The cable works fine as a
> programming cable, but I didn't know if the control cables have different
> pin outs. I would also appreciate any help with the communication
> parameters. I think they should be 1 start bit, 8 bits per byte, 2 stop
> bits, and no parity. If anybody is using Airlink Express with their FT-897
> and has it up and running with the program displaying freq and band, please
> help. Dave N9XHL
>
>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

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[Non-text portions of this message have been removed]

26123. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-20 21:29:17 UTC
From: Thomas Wilson
Topic: 26117 Message: 26123

It's a good idea to have the USB to Serial adapter, but it's not necessary with this radio. The radio has a digital VOX mode, so it can start transmitting whenever you send it audio from the computer. Just make sure to mute the mic and line inputs in the Windows mixer (on the output side.)

If you're using Vista, you have to go in to Control panel->Hardware and Sound->Sound, then double-click the "Speakers" device. Go to the Levels tab and mute the line in and microphone.
In Windows XP: Control Panel->Sounds and Audio Devices->Advanced (in the Device Volume tab). Mute Line In and Microphone.

After that, you can select the input source directly inside Digital Master 480. You don't need to start Ham Radio Deluxe unless you're using a serial cable to control the rig through the 8-pin CAT port.

When I run this way, I put the radio in USB mode, not the digital modes. To transmit CW from DM480, you need to use the "MCW" mode, NOT the regular CW mode.

It's also a good idea to use a *dedicated* sound card for your radio. When I first connected my computer to my transceiver, I very quickly discovered why I needed a second interface: every time Windows made some noise, the noise went out through my transmitter. I also can't use the computer for music or video while the radio is connected to the sound card. By dedicating an interface to the radio, I eliminated this problem.

I use an Emu 0202 USB for my audio interface, but the Signalink USB provides an audio interface and an adapter cable in one package. You don't need a $100 sound card, though... I've successfully used the little USB audio adapter that comes with some Plantronics headsets, and I've used an external Sound Blaster. Just about any decent quality sound adapter should work, but you may need to play with it to get the audio levels right.

There's also the issue of isolation to consider: you can run in to some serious ground loop and RF issues if you plug the radio directly to the computer. As far as I can tell, the "Yaesu PSK Cable" available on EBay doesn't actually isolate the radio from the computer. When I first tried my home made cable, I couldn't transmit: it freaked the computer out, and the receive had a nice 60Hz hum - which really messed up trying to decode data. I solved the problem by using a ground loop isolation transformer: I plugged my homemade interface cable in to the transformer and then plugged the transformer in to the sound card.

The Signalink and the RigBlaster provide isolation internally, so that's not an issue with them.

On Wed, May 20, 2009 at 1:31 PM, Danny Loyd <ke5wdi@...> wrote:

>
>
> I have ordered the data to sound card cable for the 897 via eBay (which
> should be here anyday) and need to know if HRD will work through the sound
> card or do I need the USB/SERIAL cable?
>
> Danny Loyd
> KE5WDI
>
> _____
> From: Thomas Wilson <wilsontp@... <wilsontp%40gmail.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Wednesday, May 20, 2009 10:03:43 AM
> Subject: Re: [FT897] Radio Control Cables
>
>
> Yes, the same cable performs both tasks: programming and computer control.
>
> I believe my serial port config is 38400,n,8,1 (no parity, 8 data bits, 1
> stop bit.) You can change the radio's CAT port speed from the menu.
>
> I haven't used Airlink Express, but Ham Radio Deluxe works very well with
> my
> 897 (especially after I re-worked the button layout.. the default layout
> made no sense.)
>
> On Wed, May 20, 2009 at 6:03 AM, rbfh1 <rbfh1@comcast. net> wrote:
>
> >
> >
> > I'm using Airlink Express to get on the air with PSK-31 on my FT-897. My
> > problem is having the AirLink Express program read the frequency of the
> > radio and what band it's tuned to. My question is: Can I use the same
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> > that I use to program the FT-897 with my laptop for use as a radio
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> > cable. The programing cable is a 6 pin DIN to a serial connector and then
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> > adapter with a serial to USB connection. The cable works fine as a
> > programming cable, but I didn't know if the control cables have different
> > pin outs. I would also appreciate any help with the communication
> > parameters. I think they should be 1 start bit, 8 bits per byte, 2 stop
> > bits, and no parity. If anybody is using Airlink Express with their
> FT-897
> > and has it up and running with the program displaying freq and band,
> please
> > help. Dave N9XHL
> >
> >
> >
>

> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26124. FS: Arrow Satellite Antenna - 10 Watt Duplexer for 146/437-10 & 146/437-10BP /

Yahoo group: FT897 (2009)
Date: 2009-05-21 03:40:50 UTC
From: robert goodman
Topic: 26124 Message: 26124

The Arrow Satellite Antenna got destroyed by high winds ☐ but managed to salvage the 10 Watt Duplexer for 146/437-10 & 146/437-10BP.

http://www.arrowantennas.com/ - for info on the Model 10W duplexer which sells for $59.

If you have the Arrow Satellite Antenna without the duplexer - or are trying to build your own, this one's available for $25 including shipping CONUS. It's weathered ☐ but works. It includes all the cables with BNC connectors. Note: this is JUST the duplexer and NOT the antenna.

Please contact direct via email.

73,

Robert AA5FR
http://AA5FR.com

PS: The Inline RF Switched Preamps are sold ☐ in less than six hours here on the Groups. Jump on this one if it meets your needs.

26125. Re: Question about using HRD and 897d squellching during tuning

Yahoo group: FT897 (2009)
Date: 2009-05-21 12:20:19 UTC
From: Gavin Nesbitt
Topic: 26096 Message: 26125

Strangely this issue has also just been discussed on the HRD Yahoo forum.

The best explanation was from here; http://wiki.ham-radio-deluxe.com/index.php?title=Sat_Track_FAQ#How_do_I_get_rid_of_interference_to_the_sound_when_tracking_with_an_FT-857.3F

Gavin, M1BXF.

--- In FT897@yahoogroups.com, "wa0lhb_john" <wa0lhb@...> wrote:
>
> Hi,
> While using HRD to operate on the HF bands everything works as I would expect except the audio is briefly squelched on each tuning step as I drag the tuning button across the frequencies.
>
> Is this normal for HRD and the 897?
>
> My FT-950 doesn't have this malady while tuning.
>
> I searched the list but probably didn't use the right key words... at any rate I have the Baud set to 9600 with DTS set and have tried various settings for critical menu settings with no help.
>
> Thanks for any insights.
>
> John WA0LHB
>

26126. Re: Question about using HRD and 897d squellching during tuning

Yahoo group: FT897 (2009)
Date: 2009-05-21 15:43:58 UTC
From: wa0lhb_john
Topic: 26096 Message: 26126

Great answer Gavin, Thank you very much!

I have a 12 channel audio mixer in the shack and when I get around to running all the rigs audio through that I'll also use the work around on the HRD WIKI page. I figured it had to be some strange software interface interaction between HRD and the rig since HRD works great with the FT-950.

John WA0LHB So much information.... so little time.

--- In FT897@yahoogroups.com, "Gavin Nesbitt" <gnesbitt@...> wrote:
>
> Strangely this issue has also just been discussed on the HRD Yahoo forum.
>
> The best explanation was from here; http://wiki.ham-radio-deluxe.com/index.php?title=Sat_Track_FAQ#How_do_I_get_rid_of_interference_to_the_sound_when_tracking_with_an_FT-857.3F
>
> Gavin, M1BXF.

> >
> >
>

26127. WTB Used ATAS or Base unit

Yahoo group: FT897 (2009)
Date: 2009-05-21 16:11:44 UTC
From: Niel Skousen
Topic: 26127 Message: 26127

Good Morning....

I'm rebuilding my ATAS100, and have just about destroyed the Base Matching unit... 8-(

So, I'm looking to buy a used Base Matching unit, or a complete ATAS100 / 120 ...

Please reply off list if you have a parts unit, or are interested in parting with a working used antenna

Thanks
Niel
WA7SSA

26128. Re: New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-21 18:02:01 UTC
From: richardkd0gdv
Topic: 26099 Message: 26128

Hi, Ken. Welcome.

I'm a fairly new General Class also, and use the 897 as a base rig and hope to use it at Field Day this year.

My setup is very simple: an LDG AT100-Pro tuner (same price as the Yaesu brand, and, from what others have said here, much better), and a Samlex 1223 power supply. The PS is only 23 amps, but that's all that I need. It's also only $100, is totally silent, has no rf hash, and is dead simple.

I agree with the others that additional "head room" supplied by a 35+ amp ps is nice, but I was looking for inexpensive and quiet. It's also the one my local radio shop sells lots of.

The tuner is good. I have an 80m dipole that works reasonably well, except that the tuner won't handle 160m at all. It works fine on receive, but the SWR is off the chart on Tx. It's up about 35 feet in an inverted V configuration.

Stay tuned to the group. You'll get lots of information and opinions.

Richard

--- In FT897@yahoogroups.com, "stingray615" <stingray615@...> wrote:
>
> Hi, my name is Ken, KF7COO, in Mt. Just acquired a general license and am just getting started in ham radio. My first purchase for a base radio is the FT897D, it looks very well made and will probably be all the radio I'll ever need. I bought a Yaesu VX177 last year and am totally impressed with the quality of that... it looks and feels like its almost bulletproof! So far I've only bought the bare radio.... don't have a pwr supply, batteries, antenna... nothing. I'm hoping to get some good advice and sources from those of you who are way more knowlegable than I am. Maybe one day soon I'll be able to help someone out too. Glad to be here,
>
> Ken
>

26129. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-21 19:12:56 UTC
From: Danny Loyd
Topic: 26117 Message: 26129

Thanks, Thomas, I will give this the interface a try tonight. Thanks for the information.

Danny
KE5WDI

_____
From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 20, 2009 4:29:17 PM
Subject: Re: [FT897] Radio Control Cables

It's a good idea to have the USB to Serial adapter, but it's not necessary with this radio. The radio has a digital VOX mode, so it can start transmitting whenever you send it audio from the computer. Just make sure to mute the mic and line inputs in the Windows mixer (on the output side.)

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doesn't actually isolate the radio from the computer. When I first tried my home made cable, I couldn't transmit: it freaked the computer out, and the receive had a nice 60Hz hum - which really messed up trying to decode data. I solved the problem by using a ground loop isolation transformer: I plugged my homemade interface cable in to the transformer and then plugged the transformer in to the sound card.

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On Wed, May 20, 2009 at 1:31 PM, Danny Loyd <ke5wdi@hifivers. net> wrote:

>
>
> I have ordered the data to sound card cable for the 897 via eBay (which
> should be here anyday) and need to know if HRD will work through the sound
> card or do I need the USB/SERIAL cable?
>
> Danny Loyd
> KE5WDI
>
> _____ _____ _____ __
> From: Thomas Wilson <wilsontp@gmail. com <wilsontp%40gmail. com>>
> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
> Sent: Wednesday, May 20, 2009 10:03:43 AM
> Subject: Re: [FT897] Radio Control Cables
>
>
> Yes, the same cable performs both tasks: programming and computer control.
>
> I believe my serial port config is 38400,n,8,1 (no parity, 8 data bits, 1
> stop bit.) You can change the radio's CAT port speed from the menu.
>
> I haven't used Airlink Express, but Ham Radio Deluxe works very well with
> my
> 897 (especially after I re-worked the button layout.. the default layout
> made no sense.)
>
> On Wed, May 20, 2009 at 6:03 AM, rbfh1 <rbfh1@comcast. net> wrote:
>
> >
> >
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> > cable. The programing cable is a 6 pin DIN to a serial connector and then
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> > adapter with a serial to USB connection. The cable works fine as a

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> > pin outs. I would also appreciate any help with the communication
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> > and has it up and running with the program displaying freq and band,
> please
> > help. Dave N9XHL
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

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[Non-text portions of this message have been removed]

26130. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-21 19:23:30 UTC
From: Thomas Wilson
Topic: 26117 Message: 26130

No problem. Let us know how it works out.

Which cable did you buy? Can you post the auction number?

Thanks

On Thu, May 21, 2009 at 12:12 PM, Danny Loyd <ke5wdi@...> wrote:

>
>
> Thanks, Thomas, I will give this the interface a try tonight. Thanks for
> the information.
>
> Danny
>
> KE5WDI
>
> _____
> From: Thomas Wilson <wilsontp@... <wilsontp%40gmail.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Wednesday, May 20, 2009 4:29:17 PM
> Subject: Re: [FT897] Radio Control Cables
>
> It's a good idea to have the USB to Serial adapter, but it's not necessary
> with this radio. The radio has a digital VOX mode, so it can start
> transmitting whenever you send it audio from the computer. Just make sure
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> mute the mic and line inputs in the Windows mixer (on the output side.)
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> and mute the line in and microphone.
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> After that, you can select the input source directly inside Digital Master
> 480. You don't need to start Ham Radio Deluxe unless you're using a serial
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> transmit CW from DM480, you need to use the "MCW" mode, NOT the regular CW
> mode.
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> It's also a good idea to use a *dedicated* sound card for your radio. When
> I
> first connected my computer to my transceiver, I very quickly discovered

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> I needed a second interface: every time Windows made some noise, the noise
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> video while the radio is connected to the sound card. By dedicating an
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> $100 sound card, though... I've successfully used the little USB audio
> adapter that comes with some Plantronics headsets, and I've used an
> external
> Sound Blaster. Just about any decent quality sound adapter should work, but
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> On Wed, May 20, 2009 at 1:31 PM, Danny Loyd <ke5wdi@hifivers. net> wrote:
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> > KE5WDI
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> > From: Thomas Wilson <wilsontp@gmail. com <wilsontp%40gmail. com>>
> > To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
>
> > Sent: Wednesday, May 20, 2009 10:03:43 AM
> > Subject: Re: [FT897] Radio Control Cables
> >
> >

> > Yes, the same cable performs both tasks: programming and computer
> control.
> >
> > I believe my serial port config is 38400,n,8,1 (no parity, 8 data bits, 1
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> > 897 (especially after I re-worked the button layout.. the default layout
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> > On Wed, May 20, 2009 at 6:03 AM, rbfh1 <rbfh1@comcast. net> wrote:
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> > > pin outs. I would also appreciate any help with the communication
> > > parameters. I think they should be 1 start bit, 8 bits per byte, 2 stop
> > > bits, and no parity. If anybody is using Airlink Express with their
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> > > and has it up and running with the program displaying freq and band,
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> > > help. Dave N9XHL
> > >
> > >
> > >
> >
> > --
> > Tom Wilson
> > wilsontp@gmail. com
> > (619)342-1391
> > KI6ABZ
> >
> > [Non-text portions of this message have been removed]
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> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
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--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26131. Re: [FT897] Radio Control Cables

Yahoo group: FT897 (2009)
Date: 2009-05-21 20:41:25 UTC
From: Danny Loyd
Topic: 26117 Message: 26131

It was the PSK interface cable from g4zlp which connects to the Data input and the sound card input. I will let you know if works tonight. If I can get EasyPal SSTV to work using the cable, I am going to download the HRD and try some PSK and RTTY also. That is the reason I got the interface. I want to get into the digital comms on HF. I don't have the ear for CW but I can type pretty well. Later, I will get the Signalink for connection to the USB.

Danny
KE5WDI

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Thursday, May 21, 2009 2:23:30 PM
Subject: Re: [FT897] Radio Control Cables

No problem. Let us know how it works out.

Which cable did you buy? Can you post the auction number?

Thanks

On Thu, May 21, 2009 at 12:12 PM, Danny Loyd <ke5wdi@hifivers. net> wrote:

>
>
> Thanks, Thomas, I will give this the interface a try tonight. Thanks for
> the information.
>
> Danny
>
> KE5WDI
>
> ---------- --------- --------- --
> From: Thomas Wilson <wilsontp@gmail. com <wilsontp%40gmail. com>>
> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
> Sent: Wednesday, May 20, 2009 4:29:17 PM
> Subject: Re: [FT897] Radio Control Cables
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> In Windows XP: Control Panel->Sounds and Audio Devices->Advanced (in the
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> After that, you can select the input source directly inside Digital Master
> 480. You don't need to start Ham Radio Deluxe unless you're using a serial
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> > From: Thomas Wilson <wilsontp@gmail. com <wilsontp%40gmail. com>>
> > To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
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> > Tom Wilson
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26132. Re: [FT897] Re: New member intro;

Yahoo group: FT897 (2009)
Date: 2009-05-21 21:01:46 UTC
From: Danny Loyd
Topic: 26099 Message: 26132

I got my General in December '08 and the FT897 was my first choice for my base because of the great reviews I read. I bought it via eBay and got the radio, AT897 tuner, internal power supply, two batteries, charger, and FT meter all for under $1000 so the price was right.

I have been trying new stuff on it all the time. We have a SSTV repeater here in our home QTH and I have used this radio with EasyPal using the computer microphone and speakers to send and receive. Now I am trying to get going on the digital modes. The 897 is a great radio. I am running it through a G5RV at the present that needs to be reworked if it ever quits raining here.

I hope to meet all of you on the air in some mode soon.

Danny Loyd
KE5WDI

From: richardkd0gdv <kd0gdv@...>
To: FT897@yahoogroups.com
Sent: Thursday, May 21, 2009 1:02:01 PM
Subject: [FT897] Re: New member intro;

Hi, Ken. Welcome.

I'm a fairly new General Class also, and use the 897 as a base rig and hope to use it at Field Day this year.

My setup is very simple: an LDG AT100-Pro tuner (same price as the Yaesu brand, and, from what others have said here, much better), and a Samlex 1223 power supply. The PS is only 23 amps, but that's all that I need. It's also only $100, is totally silent, has no rf hash, and is dead simple.

I agree with the others that additional "head room" supplied by a 35+ amp ps is nice, but I was looking for inexpensive and quiet. It's also the one my local radio shop sells lots of.

The tuner is good. I have an 80m dipole that works reasonably well, except that the tuner won't handle 160m at all. It works fine on receive, but the SWR is off the chart on Tx. It's up about 35 feet in an inverted V configuration.

Stay tuned to the group. You'll get lots of information and opinions.

Richard

--- In FT897@yahoogroups. com, "stingray615" <stingray615@ ...> wrote:
>
> Hi, my name is Ken, KF7COO, in Mt. Just acquired a general license and am just getting started in ham radio. My first purchase for a base radio is the FT897D, it looks very well made and will probably be all the radio I'll ever need. I bought a Yaesu VX177 last year

and am totally impressed with the quality of that... it looks and feels like its almost bulletproof! So far I've only bought the bare radio.... don't have a pwr supply, batteries, antenna... nothing. I'm hoping to get some good advice and sources from those of you who are way more knowlegable than I am. Maybe one day soon I'll be able to help someone out too. Glad to be here,
>
> Ken
>

[Non-text portions of this message have been removed]

26133. Incompetent Operator

Yahoo group: FT897 (2009)
Date: 2009-05-22 22:36:54 UTC
From: C. Griffin
Topic: 26133 Message: 26133

Deep breath. Heavy sigh. I probably should wait to write this, but I am probably the most frustrated ham in the world today. If not then pretty darn close.

I decided today to take advantage of the beautiful weather to give my new portable setup a run in the back yard. I decided to cut the grass first so I wasn't wading through tall grass. That didn't work out so good as about 25% of the way through it tossed a belt. No spares on hand. Decided to pull up the portable operations and ignore the grass til Tuesday.

I pulled out my easy-up tent (not so easy when there is only one person, but doable). I pulled out a bridge table and a folding chair. I pulled out the new radio with freshly charged batteries. I pulled out the buddipole and the antenna analyzer (MFJ 259B). I hauled everything out into my backyard, moved clear of the G5RV (50'+), and set everything up. I put up the tent, table and chair first. Then I pulled out the Buddipole. I setup the tripod first, then put the mast on it (mostly retracted). Then I put on the versatee. Then I added the arms and then the coils. I put the red/green one on the left and the black/blue one on the right. I put the whips on and then put the taps on. I setup for 20m and carefully followed the sheet. I was confused by the dual taps since there is only one wire to plug into the coil, but I put the red on 4 and the green on 10 (I think it was 10, it was where the green stripe was). I wasn't sure why a tap that didn't connected to a wire should be connected, but the directions seemed to call for it, so I tried. I put the blue and black on their appropriate tap location. I then plugged the tap wire into the green and blue per the sheet. Then I connected the coax assembly and set it up with the velcro strap so as to not pull on the wires (strain relief). I put the red to red and the black to black. I then connected the SWR meter. This was in the dipole position (no knob kit installed, arms directly to versatee). I set the whips to the recommended lengths, carefully reading about counting the base of the whip as one of the lengths. Then I connected the tuner ... and had a 20+:1 SWR. I worked with it for awhile and eventually got a 2:1 SWR in the middle of the 20m band. So I got on the air. I set for 100 watts (but I don't think it was actually putting out that much, no watt meter to check, just the one on the radio which was peaking about mid-scale on my voice peaks). I had no tuner, and I don't think the radio has one built in, so I just went to work. I quickly noticed that the noise floor was pretty low and I could hear a ton of signals on 20m. Either the band was open or this hears a ton better than my G5RV. I was feeling optimistic. But as the afternoon drew on that quickly faded. No matter what I tried, no matter who I called, no matter how long I called CQ, I couldn't make a

single solitary contact. I tried from 15:15 local until 18:15 local almost continuously with no success. I made two Buddipole adjustments in that time, neither took very long, so that was nearly 3 full hours of operating with no contacts. The two adjustments were this. I took down the Buddipole and tried to tune it to 40m (pretty good SWR). I heard almost no one and couldn't get a contact to save my life. So then I pulled it back down and tried 20m again, but this time I set it up in a shallow V. Tuned it even better this time, achieved about 1.5:1 in mid band. Still no joy. I can rattle off nearly 100 stations I heard, many at 59 or greater. No one could hear me, or at least no one acknowledged me. I tried calling CQ and after a few minutes someone tuned over me and then proceeded to start calling CQ DX. Tell me that isn't irritating. I haven't tried the radio with the G5RV, it's brand new, why wouldn't it work? Dunno. That's the next step, but not now. Not tonight. Now I'm going to shower and take the wife out to dinner. I'm going to try not to think about ham radio for a few hours so my blood pressure can go back to normal. I'm certain there is a good explanation, and it probably involves the incompetent guy who was operating the station, but that doesn't make me feel any better.

Sorry for the vent guys. Will check mail after dinner for your thoughts. (I see I have a message from Budd already, I'll respond later.)

Thanks.

73,
--de Chip (N1MIE) FN41bn

26134. Re: Incompetent Operator

Yahoo group: FT897 (2009)
Date: 2009-05-23 02:53:35 UTC
From: Steve Yates
Topic: 26133 Message: 26134

Hi Chip,

Sorry to hear about your frustrations.

When it comes to compact antennas for HF like the BuddiPole, it is very important to get it adjusted to resonance and a good match at the antenna rather then rely on a tuner at the rig. And no matter what the hype, a small, loaded horizontal dipole on 40m at a very low height is not going to be very efficient. However, good QSO's can still be had. Here in Texas it is hard to find anyone during the mid-day but around 5:00 or 6:00 PM local things pick up a lot. When the solar activity picks up the mid-day stuff (NVIS) on 40m will be pretty good.

It is sometimes okay to tune a coax fed antenna with a tuner at the rig when the SWR at the antenna is resonably low, like 3:1 or even 5:1 depending on the coax loss when matched, but not 20:1. The coax losses will multiply in this case and depending on how the antenna is tuned you may end up with just a couple of RF chokes on a stick!.

I wouldn't fault the rig yet. Half scale on the power meter with SSB is plenty (see all the previous discussions on measuring SSB power). Also, for most folks the TX SSB audio sounds much better with the MH-31 microphone switched to #2 on the back of the mic. I find that the SSB gain doesn't need to be more then about 60 and that the speech processor doesn't really help much on the FT-897D. Always adjust your SSB levels looking at the ALC. As long as you're getting some ALC deflection you are putting out maximum peak envelope power.

In regards to hearing but not being heard, here is an example. Any antenna inefficiency on your end will decrease all signals, noise and stations. Since most rigs have way more sensitivity then they really need on HF anyway poor antenna efficiency will not effect your ability to hear them. However, your signal will decrease on their end but their noise will not. Therefore, you may drop into the noise when you can still hear them just fine.

You may already have one but if not I firmly believe that every ham should have an ARRL Handbook for a reference. When I was a young, new ham I would find the answer to most of my questions there. On the Internet you really are just going to get a bunch of opinions, some good, some not.

73,
Steve - AA5TB
Fort Worth

http://www.aa5tb.com/

26135. Working HRD and DM780 (I Think)

Yahoo group: FT897 (2009)
Date: 2009-05-23 03:09:42 UTC
From: danleeloyd1
Topic: 26135 Message: 26135

I have looked at the old posting concerning HRD and the accompanying digital software and am at a loss for an answer to my question.

Here is the question I have, I bought a cable to interface between my 897 and my PC. It connects to the data input on the radio and the microphone and speaker of the sound card on the PC. Will HRD run using this interface or do I need the CAT to USB cable to run the radio using HRD? ALso will the digital software run through this interface?

I want to run RTTY, PSK31 and other HF digital modes. I know the interface cable works good because I have already used it for SSTV using the EasyPal program.

If HRD and DM780 wont work using this connector, can anyone suggest a good digital software that will?

Thanks,

Danny Loyd
KE5WDI

26136. Re: [FT897] Working HRD and DM780 (I Think)

Yahoo group: FT897 (2009)
Date: 2009-05-23 05:10:23 UTC
From: Thomas Wilson
Topic: 26135 Message: 26136

You don't need the CAT cable; you can use the digital VOX mode on the radio to transmit in any of the digital modes. I leave the radio in USB mode rather than use the radio's digital modes, and I do NOT use HRD to key the radio. I've had several PSK QSO's so far, and it works great. Just make sure to adjust the computer's audio out: you want the level justt below the point where the ALC kicks in.

On Fri, May 22, 2009 at 8:09 PM, danleeloyd1 <ke5wdi@...> wrote:

>
>
> I have looked at the old posting concerning HRD and the accompanying
> digital software and am at a loss for an answer to my question.
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> and my PC. It connects to the data input on the radio and the microphone and
> speaker of the sound card on the PC. Will HRD run using this interface or do
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> I want to run RTTY, PSK31 and other HF digital modes. I know the interface
> cable works good because I have already used it for SSTV using the EasyPal
> program.
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> digital software that will?
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> Thanks,
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> Danny Loyd
> KE5WDI
>
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>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26137. Re: Incompetent Operator

Yahoo group: FT897 (2009)
Date: 2009-05-23 13:18:20 UTC
From: ve3wmb
Topic: 26133 Message: 26137

Chip :

Don't give up.

It is hard to account for propagation. Conditions of late have not been great.

In my many years of experience with the Buddipole there are only a few things
that will foul you up.

1) a short, usually due to a mis-aligned tap that is touching a second winding
2) an open circuit, usually something broken
3) proximity to something metal that is detuning the antenna

BTW if you look at the tuning instructions you will see that the second tap on the coils is used for tuning on some of the bands (you only ever use one tap on each coil at a time), but you can leave the second tap on for ease of bandswitching.

1 & 3 often result in the inability to get a reasonable match

2 usually shows infinite SWR as part of the antenna isn't connected. You can diagnose this with an Ohm meter or some other means of testing continuity.

My suggestion is to try your setup in a park where it is in the clear.
Also keep in mind that on 40m this in the horizontal configuration this is going to be an NVIS antenna. If you are still having problems making contacts try making one of the arms vertical (i.e. L configuration).

I have made many contacts with the Buddipole using 5W or less, but keep in mind that it is a compromise antenna as it is loaded (quite heavily for 40m) and with the standard mast it is actually quite low to the ground for a dipole. These are trade-offs that allow the
antenna to be compact, light and easy to setup, yet still very usable.

Best of luck,

Michael VE3WMB / VA2NB

26138. Re: Incompetent Operator

Yahoo group: FT897 (2009)
Date: 2009-05-23 13:22:03 UTC
From: richardkd0gdv
Topic: 26133 Message: 26138

Steve, thanks for the explanation about antenna inefficiency making a Tx signal fade into someone else's noise. That makes perfect sense now that you say it, although I was dumbfounded before today. Being a new ham, I'm reading voraciously and one of the pieces I read in one of the ARRL books was something to the effect that if you can hear them then they can almost certainly hear you. I've found that not to be the case, since I can hear many more signals than can hear me. I'm still tweaking my antennas and need to get an FTL Meter and an MFJ 269 so I can really see what's going on.

Thanks again to you and all of the group who spend time helping us newbies.

Richard
KD

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> ...for most folks the TX SSB audio sounds much better with the MH-31 microphone switched to #2 on the back of the mic. I find that the SSB gain doesn't need to be more then about 60 and that the speech processor doesn't really help much on the FT-897D. Always adjust your SSB levels looking at the ALC. As long as you're getting some ALC deflection you are putting out maximum peak envelope power.
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26139. Re: Incompetent Operator

Yahoo group: FT897 (2009)
Date: 2009-05-23 15:55:45 UTC
From: dyarnes1
Topic: 26133 Message: 26139

Chip,

Try something a little different. Forget the dipole setup, and instead configure your Buddipole as a vertical, or like a Buddistick. The first problem I see in you setup is probably that you were expecting good results from an antenna that wasn't sufficiently high. With the band conditions like they are currently, an inefficient antenna really accentuates the bad conditions. A Buddipole only a few feet high off the ground is sending most of your signal pretty much straight up!

Verticals just plain work better at lower heights! I'd still raise it off the ground some if you can, but even a few feet can help. Lay out a bunch of radials--as many as you can. A few might work, but more is always better. If you can elevate the radials as well, you might only need just a few, and resonant ones would be best.

Now you are only dealing with one coil. Use the extra rod from the other side of the dipole to raise the coil even further. Adjust your SWR to as close to 1:1 as possible, even by just sliding the tap around on the same turn of the coil. 2:1 is O.K., but you should be able to get it even a bit lower. Your impedence at the feedpoint isn't going to be 50 ohms anyway, so 1:1 may not be achievable. I'd guess 1.5:1 would be a closer target unless you use a tuner. Make the top section as long as possible too. The adjustment should be to use less of the coil.

Try this arrangement, and let us know what your results are. I'm betting they will be much better, but the bands are poor, so it's hard to say for sure. I'm confident though, that you will be "radiating a more effective signal" using this setup.

If it makes you feel any better, I tried yesterday to talk to a friend in Seattle. We usually don't have much of a problem. Yesterday, however, he was barely readable. It's just conditions!

Dave W7AQK

--- In FT897@yahoogroups.com, "C. Griffin" <n1mie@...> wrote:
>
> Deep breath. Heavy sigh. I probably should wait to write this, but I
> am probably the most frustrated ham in the world today. If not then
> pretty darn close.
>
> I decided today to take advantage of the beautiful weather to give my
> new portable setup a run in the back yard. I decided to cut the grass
> first so I wasn't wading through tall grass. That didn't work out so
> good as about 25% of the way through it tossed a belt. No spares on
> hand. Decided to pull up the portable operations and ignore the grass
> til Tuesday.
>
> I pulled out my easy-up tent (not so easy when there is only one
> person, but doable). I pulled out a bridge table and a folding chair.

> I pulled out the new radio with freshly charged batteries. I pulled
> out the buddipole and the antenna analyzer (MFJ 259B). I hauled
> everything out into my backyard, moved clear of the G5RV (50'+), and
> set everything up. I put up the tent, table and chair first. Then I
> pulled out the Buddipole. I setup the tripod first, then put the mast
> on it (mostly retracted). Then I put on the versatee. Then I added the
> arms and then the coils. I put the red/green one on the left and the
> black/blue one on the right. I put the whips on and then put the taps
> on. I setup for 20m and carefully followed the sheet. I was confused
> by the dual taps since there is only one wire to plug into the coil,
> but I put the red on 4 and the green on 10 (I think it was 10, it was
> where the green stripe was). I wasn't sure why a tap that didn't
> connected to a wire should be connected, but the directions seemed to
> call for it, so I tried. I put the blue and black on their appropriate
> tap location. I then plugged the tap wire into the green and blue per
> the sheet. Then I connected the coax assembly and set it up with the
> velcro strap so as to not pull on the wires (strain relief). I put the
> red to red and the black to black. I then connected the SWR meter.
> This was in the dipole position (no knob kit installed, arms directly
> to versatee). I set the whips to the recommended lengths, carefully
> reading about counting the base of the whip as one of the lengths.
> Then I connected the tuner ... and had a 20+:1 SWR. I worked with it
> for awhile and eventually got a 2:1 SWR in the middle of the 20m band.
> So I got on the air. I set for 100 watts (but I don't think it was
> actually putting out that much, no watt meter to check, just the one
> on the radio which was peaking about mid-scale on my voice peaks). I
> had no tuner, and I don't think the radio has one built in, so I just
> went to work. I quickly noticed that the noise floor was pretty low
> and I could hear a ton of signals on 20m. Either the band was open or
> this hears a ton better than my G5RV. I was feeling optimistic. But as
> the afternoon drew on that quickly faded. No matter what I tried, no
> matter who I called, no matter how long I called CQ, I couldn't make a
> single solitary contact. I tried from 15:15 local until 18:15 local
> almost continuously with no success. I made two Buddipole adjustments
> in that time, neither took very long, so that was nearly 3 full hours
> of operating with no contacts. The two adjustments were this. I took
> down the Buddipole and tried to tune it to 40m (pretty good SWR). I
> heard almost no one and couldn't get a contact to save my life. So
> then I pulled it back down and tried 20m again, but this time I set it
> up in a shallow V. Tuned it even better this time, achieved about
> 1.5:1 in mid band. Still no joy. I can rattle off nearly 100 stations
> I heard, many at 59 or greater. No one could hear me, or at least no
> one acknowledged me. I tried calling CQ and after a few minutes
> someone tuned over me and then proceeded to start calling CQ DX. Tell
> me that isn't irritating. I haven't tried the radio with the G5RV,
> it's brand new, why wouldn't it work? Dunno. That's the next step, but
> not now. Not tonight. Now I'm going to shower and take the wife out to
> dinner. I'm going to try not to think about ham radio for a few hours
> so my blood pressure can go back to normal. I'm certain there is a
> good explanation, and it probably involves the incompetent guy who was

> operating the station, but that doesn't make me feel any better.
>
> Sorry for the vent guys. Will check mail after dinner for your
> thoughts. (I see I have a message from Budd already, I'll respond
> later.)
>
> Thanks.
>
>
> 73,
> --de Chip (N1MIE) FN41bn
>

26140. Re: Working HRD and DM780 (I Think)

Yahoo group: FT897 (2009)
Date: 2009-05-23 17:34:24 UTC
From: gkar2000
Topic: 26135 Message: 26140

Hi Danny,

You can work digital modes with the cable you have. Use the DIG VOX for keying. DM780 should work, but HRD is the rig control program and you will need the CAT cable for that to work. I have the FT-857D and follow this list because the rigs are so similar. I have used Hamscope, Digipan 2.0, PSK Deluxe, DM780, MultiPSK and FLDigi and others with the audio cable and DIGI VOX.

Digipan is probably one of the easiest to set up and use. MultiPsk has almost any mode you can think of, but user interface is a little cluttered. FLDigi is what I use most often now, lots of modes and a nice clean look. Try them all pick your favorite.

Mike KC9DOA

--- In FT897@yahoogroups.com, "danleeloyd1" <ke5wdi@...> wrote:
>
> I have looked at the old posting concerning HRD and the accompanying digital software and am at a loss for an answer to my question.
>
> Here is the question I have, I bought a cable to interface between my 897 and my PC. It connects to the data input on the radio and the microphone and speaker of the sound card on the PC. Will HRD run using this interface or do I need the CAT to USB cable to run the radio using HRD? ALso will the digital software run through this interface?
>
> I want to run RTTY, PSK31 and other HF digital modes. I know the interface cable works good because I have already used it for SSTV using the EasyPal program.
>
> If HRD and DM780 wont work using this connector, can anyone suggest a good digital software that will?
>
> Thanks,
>
> Danny Loyd
> KE5WDI
>

26141. Re: [FT897] Working HRD and DM780 (I Think)

Yahoo group: FT897 (2009)
Date: 2009-05-23 20:27:01 UTC
From: Danny Loyd
Topic: 26135 Message: 26141

Thank you,

That is what I needed to know. The DM780 looks like one of the best digital programs and it priced just right. FREE!!.

Danny
KE5WDI

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 23, 2009 12:10:23 AM
Subject: Re: [FT897] Working HRD and DM780 (I Think)

You don't need the CAT cable; you can use the digital VOX mode on the radio
to transmit in any of the digital modes. I leave the radio in USB mode
rather than use the radio's digital modes, and I do NOT use HRD to key the
radio. I've had several PSK QSO's so far, and it works great. Just make sure
to adjust the computer's audio out: you want the level justt below the point
where the ALC kicks in.

On Fri, May 22, 2009 at 8:09 PM, danleeloyd1 <ke5wdi@hifivers. net> wrote:

>
>
> I have looked at the old posting concerning HRD and the accompanying
> digital software and am at a loss for an answer to my question.
>
> Here is the question I have, I bought a cable to interface between my 897
> and my PC. It connects to the data input on the radio and the microphone and
> speaker of the sound card on the PC. Will HRD run using this interface or do
> I need the CAT to USB cable to run the radio using HRD? ALso will the
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> cable works good because I have already used it for SSTV using the EasyPal
> program.
>
> If HRD and DM780 wont work using this connector, can anyone suggest a good
> digital software that will?
>
> Thanks,
>
> Danny Loyd
> KE5WDI
>

>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26142. Re: [FT897] Re: Working HRD and DM780 (I Think)

Yahoo group: FT897 (2009)
Date: 2009-05-23 20:33:26 UTC
From: Danny Loyd
Topic: 26135 Message: 26142

Thanks for the answers everyone. I think I will do that. Try several and pick the one I like best.

Danny
KE5WDI

From: gkar2000 <gkar2000@...>
To: FT897@yahoogroups.com
Sent: Saturday, May 23, 2009 12:34:24 PM
Subject: [FT897] Re: Working HRD and DM780 (I Think)

Hi Danny,

You can work digital modes with the cable you have. Use the DIG VOX for keying. DM780 should work, but HRD is the rig control program and you will need the CAT cable for that to work. I have the FT-857D and follow this list because the rigs are so similar. I have used Hamscope, Digipan 2.0, PSK Deluxe, DM780, MultiPSK and FLDigi and others with the audio cable and DIGI VOX.

Digipan is probably one of the easiest to set up and use. MultiPsk has almost any mode you can think of, but user interface is a little cluttered. FLDigi is what I use most often now, lots of modes and a nice clean look. Try them all pick your favorite.

Mike KC9DOA

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> I have looked at the old posting concerning HRD and the accompanying digital software and am at a loss for an answer to my question.
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>
> I want to run RTTY, PSK31 and other HF digital modes. I know the interface cable works good because I have already used it for SSTV using the EasyPal program.
>
> If HRD and DM780 wont work using this connector, can anyone suggest a good digital software that will?
>
> Thanks,
>
> Danny Loyd
> KE5WDI
>

[Non-text portions of this message have been removed]

26143. End Fedz antenna and 897

Yahoo group: FT897 (2009)
Date: 2009-05-21 21:51:43 UTC
From: vleermuis
Topic: 26143 Message: 26143

End Fedz antenna's by Par Electronics (http://www.parelectronics.com/end_fedz.htm.) get amazing review on Eham(http://www.eham.net/reviews/detail/5105). Who has any experience with them used on a 897. How do you use the 10/20/40 antenna?

Regards
Maarten

26144. FS: FT-897D for sale, Like new

Yahoo group: FT897 (2009)
Date: 2009-05-22 21:02:40 UTC
From: maritimus49
Topic: 26144 Message: 26144

I have for sale an 897D with serial number starting with 8L. Mint condition with original box, manual, uncut DC power cord. I don't have the mike but they are available for $40 and I have lowered the price accordingly. Will be double-boxed for shipment. Only selling to help pay for an FT-950. Price is $625 plus shipping.

26145. ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-23 03:40:33 UTC
From: su1km
Topic: 26145 Message: 26145

dear friends ,

i found in manual page 52 , that we can use it as a beacon,
i do all the steps as it is, but the rig not work.

so have any one know why my rig not work, thanks for kind help.
73'su1km

26146. to get best power with hidden menu modification for FT 897 please

Yahoo group: FT897 (2009)
Date: 2009-05-20 06:48:03 UTC
From: rat66340
Topic: 26146 Message: 26146

Hi , I'm French , F4FLY Philippe ,
I would like to know "how to get more power with my FT 897 Yaesu
with hidden menu for all hf vhf and uhf bands ?
i'm waiting for your response , many thanks
73 and all the very best

26147. Hard Switching an Amplifier ?

Yahoo group: FT897 (2009)
Date: 2009-05-23 09:59:20 UTC
From: cohennessy
Topic: 26147 Message: 26147

Hello Everyone,

I am trying to hard switch an amp' and need to find two pins in the CAT/lin plug that will connect when the rig goes to TX.
And will carry 12v 200ma to activate relays.
This is to activate my relay sequencer for the masthead amp and 144mhz tx amplifier.
The Data socket is occupied with the fsk/jt6 interface.

Clive gm4vvx

26148. FS: FT-897D, mint, late serial number

Yahoo group: FT897 (2009)
Date: 2009-05-23 14:35:10 UTC
From: maritimus49
Topic: 26148 Message: 26148

Hello All -
I'm selling my like new 897D to help pay for an FT-950. The 897D is like new with a aerial number that starts with 8L. Comes with original box, manual, schematic, and uncut DC power cord. I don't have the mike but one can be bought for $40. I have lowered the price accordingly.
Price is $600 plus shipping.

73,
Bruce K6RQR/9

26149. Program memory

Yahoo group: FT897 (2009)
Date: 2009-05-20 16:05:25 UTC
From: haroldsteager
Topic: 26149 Message: 26149

A fine day to all and thanks for the information that is given here.
I have been trying to program my FT857 (I know that room is down the hall) I have been using "RT System memory programer " with the setting like (146.76 -, FMN,encode mode off) I then loose the squlch and no audio I know that the signal is going in to the unit theS meter goes full scale.
I have 2 antennas one for the 10 and 6 m and a 2m for the 146.00 band I have done a full reset (home/Power)and entered some 146.52 and 146.76 and it works ok and Idea's I would be greatful for.
Thanks K 3 HFR Glenn

26150. Intermodulation in WFM?

Yahoo group: FT897 (2009)
Date: 2009-05-24 08:47:52 UTC
From: Richard Corfield
Topic: 26150 Message: 26150

I thought BBC Radio 4 were transmitting classical music under their news programs at first. It's interesting to see mixing in FM though and I wonder what's happening. In the time domain FM shouldn't mix, but in the frequency domain with a different detector or do I need to think more about that?

If I tune to Radio 4 on 93.300 then I hear in the background Classic FM on 101.150 (give or take). If I tune to Radio 4 at 93.700 then Classic is gone.

Thanks

- Richard M0RJC

[Non-text portions of this message have been removed]

26151. Re: [FT897] Hard Switching an Amplifier ?

Yahoo group: FT897 (2009)
Date: 2009-05-24 11:50:38 UTC
From: kc3vo@aol.com
Topic: 26147 Message: 26151

Use the "TX GND" connection to key the amp.-73, KC3VO, Bob Curry
**********An Excellent Credit Score is 750. See Yours in Just 2 Easy
Steps!
(http://pr.atwola.com/promoclk/100126575x1221322948x1201367184/aol?redir=http://www.freecr
editreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May
ExcfooterNO62)

[Non-text portions of this message have been removed]

26152. Re: Program memory

Yahoo group: FT897 (2009)
Date: 2009-05-24 12:42:50 UTC
From: kbrown1075
Topic: 26149 Message: 26152

Rotate the SQL/RF knob in the opposite direction or try changing the setting in menu 80. Sounds like you are in RF attenuation and when you load the setting from the software it is activating the SQ, or perhaps the opposite.

73's
Kirk, N1TVF

--- In FT897@yahoogroups.com, "haroldsteager" <haroldsteager@...> wrote:
>
> A fine day to all and thanks for the information that is given here.
> I have been trying to program my FT857 (I know that room is down the hall) I have been using "RT System memory programer " with the setting like (146.76 -, FMN,encode mode off) I then loose the squlch and no audio I know that the signal is going in to the unit theS meter goes full scale.
> I have 2 antennas one for the 10 and 6 m and a 2m for the 146.00 band I have done a full reset (home/Power)and entered some 146.52 and 146.76 and it works ok and Idea's I would be greatful for.
> Thanks K 3 HFR Glenn
>

26153. Re: [FT897] Intermodulation in WFM?

Yahoo group: FT897 (2009)
Date: 2009-05-24 12:53:12 UTC
From: K.Greenough
Topic: 26150 Message: 26153

Try using the attenuator, that should remove the
intermod.
73 Ken g8beq

[Non-text portions of this message have been removed]

26154. Re: [FT897] Program memory

Yahoo group: FT897 (2009)
Date: 2009-05-24 12:56:08 UTC
From: K.Greenough
Topic: 26149 Message: 26154

It sounds like you've still got "decode" on, Decode is
for Rx, encode is for Tx.
73 Ken g8beq

[Non-text portions of this message have been removed]

26155. Re: ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-24 13:44:22 UTC
From: John Rabold
Topic: 26145 Message: 26155

--- In FT897@yahoogroups.com, "su1km" <su1km@...> wrote:
>> i found in manual page 52 , that we can use it as a beacon, i do all the steps as it is, but the rig not work. <<

One important thing that the manual does not say on that page is that the rig must be in CW or CWR mode for the beacon feature to work.

John KS6M

26156. Re: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-24 15:09:13 UTC
From: customgraphics!
Topic: 26145 Message: 26156

i use mine as the fox transmitter for transmitter hunting.

i put in some text "cq fox cq fox de wb9ybi/fox" and have it repeat every 5 minutes...

then i hit ply1 on fm on 146.430

----- Original Message -----
From: "su1km" <su1km@...>
To: <FT897@yahoogroups.com>
Sent: Friday, May 22, 2009 11:40 PM
Subject: [FT897] ft897d work as becaon

dear friends ,

i found in manual page 52 , that we can use it as a beacon,
i do all the steps as it is, but the rig not work.

so have any one know why my rig not work, thanks for kind help.
73'su1km

26157. Re: [FT897] Intermodulation in WFM?

Yahoo group: FT897 (2009)
Date: 2009-05-24 15:24:02 UTC
From: Thomas Wilson
Topic: 26150 Message: 26157

Is the classic station especially powerful? What happens when you tune the
same frequency on a regular stereo receiver?

On Sun, May 24, 2009 at 1:47 AM, Richard Corfield <
richard.corfield@...> wrote:

>
>
> I thought BBC Radio 4 were transmitting classical music under their news
> programs at first. It's interesting to see mixing in FM though and I wonder
> what's happening. In the time domain FM shouldn't mix, but in the frequency
> domain with a different detector or do I need to think more about that?
>
> If I tune to Radio 4 on 93.300 then I hear in the background Classic FM on
> 101.150 (give or take). If I tune to Radio 4 at 93.700 then Classic is
> gone.
>
> Thanks
>
> - Richard M0RJC
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26158. Re: [FT897] Intermodulation in WFM?

Yahoo group: FT897 (2009)
Date: 2009-05-24 15:59:48 UTC
From: Richard Corfield
Topic: 26150 Message: 26158

It will take some jiggling with antennas to find out. I don't think the FM Broadcast omnidirectional in the attic is connected at the moment after a problem with the diplexer it uses with the TV antenna, so our broadcast radio is working off the TV antenna and sees Radio 4 on that frequency as weak and Classic as reasonably weak.

The 897 is connected to my 2m/70cm colinear so gets a good signal.

- Richard

2009/5/24 Thomas Wilson <wilsontp@...>

>
>
> Is the classic station especially powerful? What happens when you tune the
> same frequency on a regular stereo receiver?
>
>
> On Sun, May 24, 2009 at 1:47 AM, Richard Corfield <
> richard.corfield@... <richard.corfield%40gmail.com>> wrote:
>
> >
> >
> > I thought BBC Radio 4 were transmitting classical music under their news
> > programs at first. It's interesting to see mixing in FM though and I
> wonder
> > what's happening. In the time domain FM shouldn't mix, but in the
> frequency
> > domain with a different detector or do I need to think more about that?
> >
> > If I tune to Radio 4 on 93.300 then I hear in the background Classic FM
> on
> > 101.150 (give or take). If I tune to Radio 4 at 93.700 then Classic is
> > gone.
> >
> > Thanks
> >
> > - Richard M0RJC
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Tom Wilson

> wilsontp@... <wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

26159. Re: End Fedz antenna and 897

Yahoo group: FT897 (2009)
Date: 2009-05-24 17:28:27 UTC
From: dyarnes1
Topic: 26143 Message: 26159

The Par 10/20/40 is a good performer, and the radio doesn't matter, as it is "resonant" on all those bands without a tuner. However, remember that you would have to turn the power down on the 897, because that particular model is only rated at about 25 watts. I have had a lot of fun using the one I have, along with a QRP rig like the ATS-3, from motel rooms, etc. Ideally, I wish there was one that included 30 meters, but WARC bands present very difficult matching problems for multi-band operation.

All the Par EFHW's come with a matching unit so that a tuner is not required. Unfortunately, Par hasn't produced a multi-band version capable of higher power levels, and I didn't get a very encouraging response from them when I asked if one might be available anytime soon. Some folks apparently have made some modifications to various models, so as to use them on other than the specified band. I'm not sure what they did, since the matching network is band-specific, as is the antenna length itself. Seems to me if you are going to tinker with one in that fashion, you might as well "roll your own", and save the purchase price. There is a lot of EFHW info on the web, and you can get all the info you need to make one.

Dave W7AQK

--- In FT897@yahoogroups.com, "vleermuis" <barra64@...> wrote:
>
> End Fedz antenna's by Par

Electronics (http://www.parelectronics.com/end_fedz.htm.) get amazing review on Eham(http://www.eham.net/reviews/detail/5105). Who has any experience with them used on a 897. How do you use the 10/20/40 antenna?
>
> Regards
> Maarten
>

26160. Re: Hard Switching an Amplifier ?

Yahoo group: FT897 (2009)
Date: 2009-05-24 21:36:27 UTC
From: cohennessy
Topic: 26147 Message: 26160

Hi Bob kc3vo,

Tnx for the reply.
Would be fine if only an amplifier to switch !
I have a masthead pre-amp to switch out before the vhf amplifier comes on. This is achieved with a sequence of relays that can only activate the vhf amp' after the mast-head amp is switched out of line. This requires a "connection" of two pins in the CAT/lin plug that can carry 13v x 200Ma without damaging anything [in the 897] when the ptt is activated.

The data plug already occupied by the interface for fsk/jt6
Clive gm4vvx

.....
--- In FT897@yahoogroups.com, kc3vo@... wrote:
>
> Use the "TX GND" connection to key the amp.-73, KC3VO, Bob Curry
> **********An Excellent Credit Score is 750. See Yours in Just 2
> [Non-text portions of this message have been removed]
>

26161. (no subject)

Yahoo group: FT897 (2009)
Date: 2009-05-25 05:20:33 UTC
From: Randy Kolar
Topic: 26161 Message: 26161

Maarten,

I have a 10-20-40 and like it pretty much. I mainly use it on 20m where it works very well. I don't work 40m much but have made some contacts. On 10m I don't know if it's just the bad conditions or because I mainly work in the late afternoon and evenings but I've never worked anybody and only rarely even hear anybody. One of the features I like about the 10-20-40 is that you can use it as a single bander on any band from 10-40 using a proper 1/2 wave wire. You must be sure to tune the antenna properly to get the best results. The use of a tuner is not recommended by the manufacturer, but I use one occasionally to touch up my SWR on 40m. The main point to remember is that this antenna is for QRP operation only! It is only rated for 25 watts continuous. It is also primarily designed for portable/temporary use. The End Fedz radiation pattern is supposed to be much like a dipole and can be deployed in many different fashions such as: a sloper, an inverted L, vertical, or horizontal. It is nice for portable op.s because it can be deployed with just one support, is very light, can be fed direcly into your radio and needs no radials or counterpoise. Just remember that it is a compromise antenna and don't expect miracles from it! That said, I have personnally worked from Lithuania to Japan SSB 20m from my QTH in SoCal USA with the antenna only 20 ft. in the air.

Hope this helps and hope to work you in future! 73

Randy
KG6WCA

[Non-text portions of this message have been removed]

26162. Re: [FT897] Re: Hard Switching an Amplifier ?

Yahoo group: FT897 (2009)
Date: 2009-05-25 08:58:39 UTC
From: K.Greenough
Topic: 26147 Message: 26162

Hello Clive,
Use the connections to switch a transistor which
in turn can switch the heavier load than the 897
barefoot.
73 Ken g8beq

[Non-text portions of this message have been removed]

26163. Re: [FT897] to get best power with hidden menu modification for FT 897 please

Yahoo group: FT897 (2009)
Date: 2009-05-25 10:06:34 UTC
From: Peter Robinson
Topic: 26146 Message: 26163

Bon jour Philippe. It is strongly recommended that you don't mess with the service menu on modern radios such as the 897. They are individually set up against a stable accurate 13.8 V supply. You would run the risk of seriously damaging your radio.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: rat66340
To: FT897@yahoogroups.com
Sent: Wednesday, May 20, 2009 7:48 AM
Subject: [FT897] to get best power with hidden menu modification for FT 897 please

Hi , I'm French , F4FLY Philippe ,
I would like to know "how to get more power with my FT 897 Yaesu
with hidden menu for all hf vhf and uhf bands ?
i'm waiting for your response , many thanks
73 and all the very best

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.336 / Virus Database: 270.12.37/2129 - Release Date: 05/22/09 17:56:00

[Non-text portions of this message have been removed]

26164. Re: [FT897] Re: Hard Switching an Amplifier ?

Yahoo group: FT897 (2009)
Date: 2009-05-25 11:09:13 UTC
From: Jim C
Topic: 26147 Message: 26164

or a relay

K.Greenough wrote:
> Hello Clive,
> Use the connections to switch a transistor which
> in turn can switch the heavier load than the 897
> barefoot.
> 73 Ken g8beq
>
> [Non-text portions of this message have been removed]
>
>
>

26165. Re: [FT897] to get best power with hidden menu modification for FT 897 please??

Yahoo group: FT897 (2009)
Date: 2009-05-25 12:57:06 UTC
From: kc3vo@aol.com
Topic: 26165 Message: 26165

If you want "More Power", buy an external RF power amplifier! Increasing power beyond normal by mis-aligning the radio will increase distortion and shorten the life of your radio! Have you utilized the proper "Peak-Reading" RF Wattmeter and 50 ohm dummy loads to determine the present power output? Using incorrect equipment may lead you to believe there is a problem when in reality, all is normal! SSB power must be measured with the proper equipment, or indications are very likely to falsely show lower than actual power. Power in FM and CW modes may be accurately measured with cheaper meters that will fail to properly show SSB or AM power. increasing power via "Readjusting" the radio will only give 2 or 3 db more power, hardly enough to make a significant difference! (increasing power by at least FOUR TIMES, or 6 db, is required to be really noticeable on distant contacts, and increasing it by at least TEN times is far better! For 2 meters, there are many amplifiers of 170 watts or more available, and there are amplifiers of 100 watts and above available fore 70 cm. Many companies make HF/50 mhz amplifiers in to 400 watt to 1,500 watt class. Obtain the desired amplifier, with a suitable good ANTENNA, and you will be able to RELIABLY make contacts, while avoiding damage to your radio, or distorted signals.--73, KC3VO, Bob Curry

**********An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!
(http://pr.atwola.com/promoclk/100126575x1221823249x1201398664/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=MayExcfooterNO62)

[Non-text portions of this message have been removed]

26166. Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 15:12:01 UTC
From: kb2vec
Topic: 26166 Message: 26166

Has any body here used the Tigertronics Signalink USB with the 897D, and was there any problems using it.
Thanks for any help.

Paul KB2VEC

26167. Re: [FT897] Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 15:31:03 UTC
From: Jose Vicens, DMD
Topic: 26166 Message: 26167

Hi Paul

No problems with it. The only thing important is to adjust the TX level on the signalink properly to allow it to transmit without cutting your signal out. I have used it with HRD and works great on PSK and RTTY.

73

Otis
NP4G

--- On Mon, 5/25/09, kb2vec <kb2vec@...> wrote:

From: kb2vec <kb2vec@...>
Subject: [FT897] Signalink USB & FT897D
To: FT897@yahoogroups.com
Date: Monday, May 25, 2009, 11:12 AM

Has any body here used the Tigertronics Signalink USB with the 897D, and was there any problems using it.
Thanks for any help.

Paul KB2VEC

[Non-text portions of this message have been removed]

26168. RE: [FT897] Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 16:11:23 UTC
From: Tate Antrim
Topic: 26166 Message: 26168

Best $100 I've spent in ham radio in a long time. I use it between my Kenwood hybrids and the FT897D.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jose Vicens, DMD
Sent: Monday, May 25, 2009 11:31 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Signalink USB & FT897D

Hi Paul

No problems with it. The only thing important is to adjust the TX level on the signalink properly to allow it to transmit without cutting your signal out. I have used it with HRD and works great on PSK and RTTY.

73

Otis
NP4G

--- On Mon, 5/25/09, kb2vec <kb2vec@... <mailto:kb2vec%40yahoo.com> > wrote:

From: kb2vec <kb2vec@... <mailto:kb2vec%40yahoo.com> >
Subject: [FT897] Signalink USB & FT897D
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Date: Monday, May 25, 2009, 11:12 AM

Has any body here used the Tigertronics Signalink USB with the 897D, and was there any problems using it.
Thanks for any help.

Paul KB2VEC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26169. Re: [FT897] Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 16:23:36 UTC
From: C. Griffin
Topic: 26166 Message: 26169

On May 25, 2009, at 12:11, Tate Antrim wrote:

> Best $100 I've spent in ham radio in a long time. I use it between
> my Kenwood hybrids and the FT897D.

Are any special actions necessary to switch between a FT897D and a
Kenwood (let's say a TS-2000)? Or is it just a matter of having
multiple cables?

-- Chip
n1mie@...

26170. Re: [FT897] to get best power with hidden menu modification for FT 897 please??

Yahoo group: FT897 (2009)
Date: 2009-05-25 16:54:18 UTC
From: Thomas Wilson
Topic: 26165 Message: 26170

Also, don't discount the value of a good antenna. Adding 3dB of gain anywhere in your system will improve your performance (especially on receive), no matter where it is: better feedline, better antenna, better antenna position... putting up a good beam antenna can get you 8dB of forward gain.. that alone is like bumping up your radio's output to 250 watts.

It's been said that "a dB is a dB", which means that a 1dB boost in performance is no different if it comes from your antenna, baluns, feedline, tuner, connectors, or grounding system. That's not QUITE true. The antenna and feedline system are much more important than your output power, since that's where your signal comes in... You'll get the best results if you make your improvements at the antenna first, then work your way back. :)

Running more raw power in to a badly matched or configured antenna will also give you more RFI problems. I know this first hand: I was interfering with my TV and my neighbor's TV's because of my ground situation (I had actually done it "by the book", which turned out to be the wrong thing to do.) Tuning up your radio for peak power output will also cause increased spurs and possibly audio distortion. If anything, you want to run your rig below max to preserve the life of the hardware. In fact, the manual says to reduce power by 50% if you're running high duty-cycle modes like PSK or CW.

On Mon, May 25, 2009 at 5:57 AM, <kc3vo@...> wrote:

>
>
> If you want "More Power", buy an external RF power amplifier! Increasing
> power beyond normal by mis-aligning the radio will increase distortion and
> shorten the life of your radio! Have you utilized the proper
> "Peak-Reading" RF Wattmeter and 50 ohm dummy loads to determine the present
> power
> output? Using incorrect equipment may lead you to believe there is a
> problem when
> in reality, all is normal! SSB power must be measured with the proper
> equipment, or indications are very likely to falsely show lower than actual
>
> power. Power in FM and CW modes may be accurately measured with cheaper
> meters that will fail to properly show SSB or AM power. increasing power
> via
> "Readjusting" the radio will only give 2 or 3 db more power, hardly enough
> to
> make a significant difference! (increasing power by at least FOUR TIMES, or
>
> 6 db, is required to be really noticeable on distant contacts, and

> increasing it by at least TEN times is far better! For 2 meters, there are
> many
> amplifiers of 170 watts or more available, and there are amplifiers of 100
> watts and above available fore 70 cm. Many companies make HF/50 mhz
> amplifiers in to 400 watt to 1,500 watt class. Obtain the desired
> amplifier, with a
> suitable good ANTENNA, and you will be able to RELIABLY make contacts,
> while avoiding damage to your radio, or distorted signals.--73, KC3VO, Bob
> Curry
> **********An Excellent Credit Score is 750. See Yours in Just 2 Easy
> Steps!
> (
> http://pr.atwola.com/promoclk/100126575x1221823249x1201398664/aol?redir=http://www.freec
reditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=May
> ExcfooterNO62)
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26171. RE: [FT897] Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 17:29:07 UTC
From: Tate Antrim
Topic: 26166 Message: 26171

I bought mine from DX Engineering and they have a complete list of what you need to set it up for each radio you have. For the FT897 I got the CAT cable specific for it and a set of jumper header blocks. You'd just need to buy the cable that works with the Kwood or whatever other radio you have. To make mine work with my kwood hybrids meant I had to get a microphone cable adapter which was a no brainer. If you are going to use it with multiple radios then get the little jumper header blocks too. That way you can plug in the internal jumper block that matches your rig fairly quickly.

Ultimately, I'd get a separate signal link for each rig and not share it between radios (if you can part with the coin to do it) and then just USB each to your PC. Split band operation would be possible that way with PSK between different radios.

That's what makes it so versatile - it is so self-contained that you can have several in your system and then dedicate software to each one. You aren't limited to having just one on your system.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of C. Griffin
Sent: Monday, May 25, 2009 12:24 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Signalink USB & FT897D

On May 25, 2009, at 12:11, Tate Antrim wrote:

> Best $100 I've spent in ham radio in a long time. I use it between
> my Kenwood hybrids and the FT897D.

Are any special actions necessary to switch between a FT897D and a Kenwood (let's say a TS-2000)? Or is it just a matter of having multiple cables?

-- Chip
n1mie@... <mailto:n1mie%40mac.com>

[Non-text portions of this message have been removed]

26172. help please

Yahoo group: FT897 (2009)
Date: 2009-05-25 18:32:31 UTC
From: greg
Topic: 20579 Message: 26172

Hey there everyone, I need help with this situation if possible. I use a FT-897d with a Signalink USB for digital modes, works great. I also am using my CAT/Linear port to key my TOKYO-HI-POWER linear amp as the relay control for my amp. Is there any way possible that I can use that same port for CAT control for say HRD or other software programs when I am not needing the linear?

Thanks in advance for any help out there.....

Greg-WA4YBP

26173. FS: Yaesu FT-897D

Yahoo group: FT897 (2009)
Date: 2009-05-25 18:43:32 UTC
From: maritimus49
Topic: 26173 Message: 26173

Hello All -
The FT-897D has been sold.

73,
Bruce K6RQR/9

26174. RE: [FT897] help please

Yahoo group: FT897 (2009)
Date: 2009-05-25 22:51:08 UTC
From: Tate Antrim
Topic: 20579 Message: 26174

Absolutely - www.w4rt.com

Enjoy

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of greg
Sent: Monday, May 25, 2009 2:33 PM
To: FT897@yahoogroups.com
Subject: [FT897] help please

Hey there everyone, I need help with this situation if possible. I use a FT-897d with a Signalink USB for digital modes, works great. I also am using my CAT/Linear port to key my TOKYO-HI-POWER linear amp as the relay control for my amp. Is there any way possible that I can use that same port for CAT control for say HRD or other software programs when I am not needing the linear?

Thanks in advance for any help out there.....

Greg-WA4YBP

[Non-text portions of this message have been removed]

26175. Re: Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-26 01:35:22 UTC
From: k4lmp
Topic: 26166 Message: 26175

Best $100 I have spent on ham radio gear to date. For the 897D, just get the one with the 6 pin mini din. Hook Signalink usb to usb port on PC. 6 pin mini din into the data jack on the back of the rig. Set your jumpers on the inside of the Signalink (very easy), then follow the step by step instructions. I was on the air in no time. I have since discovered a new world of ham radio. I make more contacts on psk31 than anything. Have received SSTV, RTTY, PSK125 as well as others. When my friend gets his Signalink, i'm gonna practice some local, very low power SSTV with him before I go calling CQ. I would say get one in a heartbeat...they are also great to deal with.

Hope this helps, 73's
Jeff K4LMP

--- In FT897@yahoogroups.com, "kb2vec" <kb2vec@...> wrote:
>
> Has any body here used the Tigertronics Signalink USB with the 897D, and was there any problems using it.
> Thanks for any help.
>
> Paul KB2VEC
>

26176. Re: Program memory

Yahoo group: FT897 (2009)
Date: 2009-05-26 14:02:32 UTC
From: George
Topic: 26149 Message: 26176

You by chance have an incomming tone squelch turned on (look at the display, does it say as an example DSQ). If you have any of the incomming tone squelches turned on then the meter would show a signal, but the radio would be looking for that tone and not open up audio unless that was also present. It has caught me at least once that way...

George
kc0woa

--- In FT897@yahoogroups.com, "haroldsteager" <haroldsteager@...> wrote:
>
> A fine day to all and thanks for the information that is given here.
> I have been trying to program my FT857 (I know that room is down the hall) I have been using "RT System memory programer " with the setting like (146.76 -, FMN,encode mode off) I then loose the squlch and no audio I know that the signal is going in to the unit theS meter goes full scale.
> I have 2 antennas one for the 10 and 6 m and a 2m for the 146.00 band I have done a full reset (home/Power)and entered some 146.52 and 146.76 and it works ok and Idea's I would be greatful for.
> Thanks K 3 HFR Glenn
>

26177. Re: to get best power with hidden menu modification for FT 897 please??

Yahoo group: FT897 (2009)
Date: 2009-05-26 14:12:10 UTC
From: tenorman1952
Topic: 26165 Message: 26177

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Also, don't discount the value of a good antenna. Adding 3dB of gain
> anywhere in your system will improve your performance (especially on
> receive), no matter where it is: better feedline, better antenna, better
> antenna position... putting up a good beam antenna can get you 8dB of
> forward gain.. that alone is like bumping up your radio's output to 250
> watts.

(trimmed)

Tom, you are absolutely right.

Though I am new to ham radio I deal with a similar situtation daily as a musician with PA gear, musical instrument amps, and stereo gear. Whether a stereo amp pumping sound out of a loudspeaker, or a tranceiver pumping out RF through an antenna, the math is the same. Polar plots, filters (crossover networks), etc, the math is the same.

Even if the fellow was able to increase power by 10% without distortion or other ill effects, it would just not be audible. A just barely noticable power increase of 3 db would require doubling the power output. To gain one S reading, which is 6 db, would require a 4 x power increase. That is just not going to happen by "tweeking settings" in a menu.

As I young college student I heard a tiny 5 wpch amplifier driving a pair of Altec Lansing Voice of the Theatre (101 db/wt/meter SPL)to live levels playing the 1812 Overture, complete with cannon shots. I was absolutely asounded when I found out the amplifier used. I was sure it had to be several hundred watts per channel to achieve those levels. I was used to dealing with speakers of 85-88 db SPL.

I remember reading an article in Hot Rod magazine back in the '60's. They had taken an old Caddy and run it down the track for a blistering 20+ second ET. Without making any modifications to the engine, they got a faster ET by removing the back seat, spare tire, jack, and other loose stuff. They gained even more by removing the inside door panels, front seat, replacing it with a light fiberglass racing seat, carpet. Now they were down to about 17 seconds ET. Then they removed hood, trunk lid, doors (but for the driver's door), bumpers, and other non-essential pieces. They had a 14 second ET.

They calculated the HP increase necessary to shave off those seconds without reducing weight, and it was huge, and expensive. But they gained that performance by simply reducing weight.

We often forget that we can easier gain performance, in any field of endeavor, by removing obstacles rather than by increasing effort. One of my old bosses once told me, "Work smart, not hard."

73
Paul -AE5JU

26178. ALERT: We've Conned over 1 year guarantees

Yahoo group: FT897 (2009)
Date: 2009-05-26 19:01:48 UTC
From: Chris
Topic: 26178 Message: 26178

Just thought I would pass this info on in case anyone is interested and has a scanner or similar radio, or CB and amatuer radio.

It turns out we have been conned by the shops/companies...NOW THERE'S A SURPRISE!!! When a shop sells you an item and the guarantee runs out after 12 months, they say it's not their responsibilty to repair or replace the item. WRONG!!!!

Under EU law a product is guaranteed for 2 years, and in the UK 6 years. Apparently some guy had brought a tv from a Sainsbury's store that went wrong after the 1 year guarantee had ran out, and demanded it be repaired free of charge or replaced. The store refused, so he told them they were breaking EU law, and the manager checked with their head office. The custiomer was right, and because the old one could not be repaired, he got a brand new one.

So when your radios' go wrong after the 1 year guarantee runs out,and you still have the receipt, go back to the shop with it and demand they repair of replace. If they refuse tell them they are breaking EU law, and you will take the matter further.

Hope this is useful to you all on this group, and please pass it onto other radio groups, and friends. Oh and cancel those bloody extended warranties that you may have and save your bucks.

astratech2002
Chris.

VICTORY TO THE CONSUMERS AT LAST!!!!!

26179. Re: [FT897] ALERT: We've Conned over 1 year guarantees

Yahoo group: FT897 (2009)
Date: 2009-05-26 19:18:59 UTC
From: Joe
Topic: 26178 Message: 26179

That only applies to EU items, not United States. :(

----- Original Message -----
From: "Chris" <m3ozp@...>
Subject: [FT897] ALERT: We've Conned over 1 year guarantees

> Just thought I would pass this info on in case anyone is interested and
> has a scanner or similar radio, or CB and amatuer radio.
>
> It turns out we have been conned by the shops/companies...NOW THERE'S A
> SURPRISE!!! When a shop sells you an item and the guarantee runs out
> after 12 months, they say it's not their responsibilty to repair or
> replace the item. WRONG!!!!

26180. RE: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-26 20:37:23 UTC
From: Scot Jones
Topic: 26145 Message: 26180

I thought the beacon only worked on CW??

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of customgraphics!
Sent: 24 May 2009 16:09
To: FT897@yahoogroups.com
Subject: Re: [FT897] ft897d work as becaon

i use mine as the fox transmitter for transmitter hunting.

i put in some text "cq fox cq fox de wb9ybi/fox" and have it repeat every 5 minutes...

then i hit ply1 on fm on 146.430

26181. Re: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-26 21:49:23 UTC
From: P Grant
Topic: 26145 Message: 26181

I think what customerG,, was saying, was he loaded "text" into the Morse TX memory,,, and transmitted it as, FM , in the beacon mode,,,,,,,,, cannot say I have tried that myself....
73 Peter EI4HX
----- Original Message -----
From: Scot Jones
To: FT897@yahoogroups.com
Sent: Tuesday, May 26, 2009 8:37 PM
Subject: RE: [FT897] ft897d work as becaon

I thought the beacon only worked on CW??

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of customgraphics!
Sent: 24 May 2009 16:09
To: FT897@yahoogroups.com
Subject: Re: [FT897] ft897d work as becaon

i use mine as the fox transmitter for transmitter hunting.

i put in some text "cq fox cq fox de wb9ybi/fox" and have it repeat every 5 minutes...

then i hit ply1 on fm on 146.430

.

[Non-text portions of this message have been removed]

26182. Re: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-26 21:08:31 UTC
From: customgraphics!
Topic: 26145 Message: 26182

ya, the cw tone plays out in the fm mode... is that the old f2? sounds just
like a repeater id...

----- Original Message -----
From: "P Grant" <ei4hxperimental@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, May 26, 2009 5:49 PM
Subject: Re: [FT897] ft897d work as becaon

> I think what customerG,, was saying, was he loaded "text" into the Morse
TX memory,,, and transmitted it as, FM , in the beacon mode,,,,,,,,,
cannot say I have tried that myself....
> 73 Peter EI4HX
> ----- Original Message -----
> From: Scot Jones
> To: FT897@yahoogroups.com
> Sent: Tuesday, May 26, 2009 8:37 PM
> Subject: RE: [FT897] ft897d work as becaon
>
>
>
>
>
> I thought the beacon only worked on CW??
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> customgraphics!
> Sent: 24 May 2009 16:09
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] ft897d work as becaon
>
> i use mine as the fox transmitter for transmitter hunting.
>
> i put in some text "cq fox cq fox de wb9ybi/fox" and have it repeat
every 5
> minutes...
>
> then i hit ply1 on fm on 146.430
>
>
>
>
> .
>

>
>
> [Non-text portions of this message have been removed]
>
>

26183. Re: Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-05-26 22:02:51 UTC
From: Randy
Topic: 26166 Message: 26183

Chip,

You will need a new cable from the Signalink to your rig, and you will also more than likely need to reprogram the dip switch inside the Signalink. This is accomplished by placing provided jumper wires in a DIP socket. The wires and programming info are provided with your Signalink. It's very easy to do, just make sure the wires are all the way down in the socket(needle nose pliers essential here). You can reprogram for different radios but it is a bit of a P.I.T.A to do on a regular basis. Much easier to get another Signalink, right Tigertronic's ;-)

Hope this helps,

Randy
KG6WCA

--- In FT897@yahoogroups.com, "C. Griffin" <n1mie@...> wrote:
>
> On May 25, 2009, at 12:11, Tate Antrim wrote:
>
> > > Best $100 I've spent in ham radio in a long time. I use it between
> > > my Kenwood hybrids and the FT897D.
>
> Are any special actions necessary to switch between a FT897D and a
> Kenwood (let's say a TS-2000)? Or is it just a matter of having
> multiple cables?
>
>
>
> -- Chip
> n1mie@...
>

26184. Re: [FT897] ALERT: We've Conned over 1 year guarantees

Yahoo group: FT897 (2009)
Date: 2009-05-26 21:45:11 UTC
From: Chris Baker
Topic: 26178 Message: 26184

Not quite true, the EU directive appears not to exist, however under the "Sale and supply of Goods to Consumers Regulations 2002", the customer of electinic goods is covered by 2 years and in cetain cases upto six years if a fault appears and was not there when first purchased.

(http://www.consumeradvice.net/pages/consumer.htm)

Chris g4lds

From: Chris <m3ozp@...>
Subject: [FT897] ALERT: We've Conned over 1 year guarantees
To: FT897@yahoogroups.com
Date: Tuesday, 26 May, 2009, 8:01 PM

Just thought I would pass this info on in case anyone is interested and has a scanner or similar radio, or CB and amatuer radio.

It turns out we have been conned by the shops/companies. ..NOW THERE'S A SURPRISE!!! When a shop sells you an item and the guarantee runs out after 12 months, they say it's not their responsibilty to repair or replace the item. WRONG!!!!

Under EU law a product is guaranteed for 2 years, and in the UK 6 years. Apparently some guy had brought a tv from a Sainsbury's store that went wrong after the 1 year guarantee had ran out, and demanded it be repaired free of charge or replaced. The store refused, so he told them they were breaking EU law, and the manager checked with their head office. The custiomer was right, and because the old one could not be repaired, he got a brand new one.

So when your radios' go wrong after the 1 year guarantee runs out,and you still have the receipt, go back to the shop with it and demand they repair of replace. If they refuse tell them they are breaking EU law, and you will take the matter further.

Hope this is useful to you all on this group, and please pass it onto other radio groups, and friends. Oh and cancel those bloody extended warranties that you may have and save your bucks.

astratech2002
Chris.

VICTORY TO THE CONSUMERS AT LAST!!!!!

[Non-text portions of this message have been removed]

26185. 70MHz

Yahoo group: FT897 (2009)
Date: 2009-05-24 20:21:57 UTC
From: Mike Dwyer
Topic: 26185 Message: 26185

Has anyone any experience with having an FT-897D modified to work the 70MHz allocations?

[Non-text portions of this message have been removed]

26186. Going to load up the Rain Gutter

Yahoo group: FT897 (2009)
Date: 2009-05-25 04:30:33 UTC
From: Sean C.
Topic: 26186 Message: 26186

Tuesday I'll have my FT-897 and SG-237 Tuner; I'm planning to hook it in to the Rain Gutters. I need to drive in a ground rod and roll out some, a lot, of radials and I also need to drive in a ground rod for the shack ground.

I live in FL and have about 1/8 in. of soil and miles of sand.
Any tips?

26187. RE: [FT897] Re: End Fedz antenna and 897

Yahoo group: FT897 (2009)
Date: 2009-05-24 19:40:35 UTC
From: J.H. de Wit
Topic: 26143 Message: 26187

I rolled my own and can use it at 100 Watts as well.

Bij shortening the top section you'll get 30M instead of 40M.

73 de John pa0wit

-----Oorspronkelijk bericht-----
Van: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] Namens dyarnes1
Verzonden: zondag 24 mei 2009 19:28
Aan: FT897@yahoogroups.com
Onderwerp: [FT897] Re: End Fedz antenna and 897

The Par 10/20/40 is a good performer, and the radio doesn't matter, as it is "resonant" on all those bands without a tuner. However, remember that you would have to turn the power down on the 897, because that particular model is only rated at about 25 watts. I have had a lot of fun using the one I have, along with a QRP rig like the ATS-3, from motel rooms, etc. Ideally, I wish there was one that included 30 meters, but WARC bands present very difficult matching problems for multi-band operation.

All the Par EFHW's come with a matching unit so that a tuner is not required. Unfortunately, Par hasn't produced a multi-band version capable of higher power levels, and I didn't get a very encouraging response from them when I asked if one might be available anytime soon. Some folks apparently have made some modifications to various models, so as to use them on other than the specified band. I'm not sure what they did, since the matching network is band-specific, as is the antenna length itself. Seems to me if you are going to tinker with one in that fashion, you might as well "roll your own", and save the purchase price. There is a lot of EFHW info on the web, and you can get all the info you need to make one.

Dave W7AQK

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "vleermuis" <barra64@...> wrote:
>
> End Fedz antenna's by Par

Electronics (http://www.parelect <http://www.parelectronics.com/end_fedz.htm.> ronics.com/end_fedz.htm.) get amazing review on Eham(http://www.eham. <http://www.eham.net/reviews/detail/5105> net/reviews/detail/5105). Who has any experience with them used on a 897. How do you use the 10/20/40 antenna?

>
> Regards
> Maarten

>

[Non-text portions of this message have been removed]

26188. desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-26 22:47:08 UTC
From: kd7zdd
Topic: 26188 Message: 26188

this is my first post so please excuse my poor form. i've had my 897d for a couple months now, i use a mfj 969 tuner and a high sierra electronics hs1800/pro anntenna with the six shooter capicity hat. the problum i have is nothing i do will keep the hiswr warnning from comming on. reception is noisy but i've pulled in signals over 1000 miles. today i spread the ground radials that came with the antenna out but that was no help. any and all suggestions welcome. thanks a million
kd7zdd (doug) in elko, nv

26189. Internal battery connectors

Yahoo group: FT897 (2009)
Date: 2009-05-24 23:52:47 UTC
From: wa7ocz
Topic: 26189 Message: 26189

A couple years ago, I made two battery packs (see them in the photos section here using the moniker "modembreath".

They're still working great but I finally decided to research the connectors to get the correct ones installed instead of the makeshift ones I came up with.

I found them at Digi-key.

I opted to not buy the crimper for a whole 6 terminals and just carefully crimped them on to the pre soldered wire, soldered them on, and inserted them in the connector.

Works great.

Interested?

Digi-key carries both the housing and the sockets.

P/n 455-1184-ND (mfg p/n VHR-3N)for the housing, and p/n 455-1133-1-ND (mfg p/n SVH-21T-P1.1) for 18-22AWG.

73's

Don
WA7OCZ

26190. Re: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-25 10:51:30 UTC
From: Leon Singh
Topic: 26145 Message: 26190

dear friends ,

i found in manual page 52 , that we can use it as a beacon,
i do all the steps as it is, but the rig not work.

so have any one know why my rig not work, thanks for kind help.
73'su1km

Did you put the rig in CW mode ???? Try that...it may beacon now

--
Leon 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

26191. Re: [FT897] Going to load up the Rain Gutter

Yahoo group: FT897 (2009)
Date: 2009-05-27 02:04:07 UTC
From: Jim C
Topic: 26186 Message: 26191

Before you put all those radials out, try running a counterpoise under the rain gutters at ground level. Bury the part that is where someone might trip over it. Tuck it behind the shrubs next to the foundation. You might not need any radials

Sean C. wrote:
> Tuesday I'll have my FT-897 and SG-237 Tuner; I'm planning to hook it in to the Rain Gutters. I need to drive in a ground rod and roll out some, a lot, of radials and I also need to drive in a ground rod for the shack ground.
>
> I live in FL and have about 1/8 in. of soil and miles of sand.
> Any tips?
>
>
>

26192. Re: Going to load up the Rain Gutter

Yahoo group: FT897 (2009)
Date: 2009-05-27 02:13:22 UTC
From: adastra_2001
Topic: 26186 Message: 26192

--- In FT897@yahoogroups.com, "Sean C." <stogiec@...> wrote:
>
> Tuesday I'll have my FT-897 and SG-237 Tuner; I'm planning to hook it in to the Rain Gutters. I need to drive in a ground rod and roll out some, a lot, of radials and I also need to drive in a ground rod for the shack ground.
>
> I live in FL and have about 1/8 in. of soil and miles of sand.
> Any tips?
>
I imagine you need stealth. If so, my advise will be hard to implement. In QEX this year a report shows that four radials 4 feet(or more) above the ground are all you need.
AB2ZJ
Bennett

26193. RE: [FT897] desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 02:17:39 UTC
From: eric@van-de-weyer.org
Topic: 26188 Message: 26193

Hi Doug,

what is it doing into a dummy load? This is the first thing to check.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "kd7zdd" <kd7zdd@...>
>Date: Tue, 26 May 2009 22:47:08 -0000
>Subject: [FT897] desperately need help!
>Reply-To: FT897@yahoogroups.com
>
>
>this is my first post so please excuse my poor form. i've had my 897d for
>a couple months now, i use a mfj 969 tuner and a high sierra electronics
>hs1800/pro anntenna with the six shooter capicity hat. the problum i have
>is nothing i do will keep the hiswr warnning from comming on. reception
is
>noisy but i've pulled in signals over 1000 miles. today i spread the ground
>radials that came with the antenna out but that was no help. any and all
>suggestions welcome. thanks a million
>kd7zdd (doug) in elko, nv
>
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>Yahoo! Groups Links
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26194. Re: [FT897] Going to load up the Rain Gutter

Yahoo group: FT897 (2009)
Date: 2009-05-27 02:16:08 UTC
From: customgraphics!
Topic: 26186 Message: 26194

stick your running garden hose over the end of the ground rod & let it ease into the ground :)

carl wb9ybi----- Original Message -----
From: "Sean C." <stogiec@...>
To: <FT897@yahoogroups.com>
Sent: Monday, May 25, 2009 12:30 AM
Subject: [FT897] Going to load up the Rain Gutter

Tuesday I'll have my FT-897 and SG-237 Tuner; I'm planning to hook it in to the Rain Gutters. I need to drive in a ground rod and roll out some, a lot, of radials and I also need to drive in a ground rod for the shack ground.

I live in FL and have about 1/8 in. of soil and miles of sand.
Any tips?

26195. Re: [FT897] Internal battery connectors

Yahoo group: FT897 (2009)
Date: 2009-05-27 02:59:43 UTC
From: Jim C
Topic: 26189 Message: 26195

Thanks. I looked all through that catalog and couldn't find them. The print is so small and the catalog so big, I just gave up. Someone posted a pin out for them, if I can find it.

wa7ocz wrote:
> A couple years ago, I made two battery packs (see them in the photos section here using the moniker "modembreath".
>
> They're still working great but I finally decided to research the connectors to get the correct ones installed instead of the makeshift ones I came up with.
>
> I found them at Digi-key.
>
> I opted to not buy the crimper for a whole 6 terminals and just carefully crimped them on to the pre soldered wire, soldered them on, and inserted them in the connector.
>
> Works great.
>
> Interested?
>
> Digi-key carries both the housing and the sockets.
>
> P/n 455-1184-ND (mfg p/n VHR-3N)for the housing, and p/n 455-1133-1-ND (mfg p/n SVH-21T-P1.1) for 18-22AWG.
>
> 73's
>
> Don
> WA7OCZ
>
>
>

26196. Re: [FT897] desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 04:08:46 UTC
From: kd7zdd@yahoo.com
Topic: 26188 Message: 26196

Eric, thanks for the reply. Into a dummy load everything checks out. I can get swr to 1:3 to 1 or less than when I go to the antenna the hiswr comes on. Doug kd7zdd
Sent from my BlackBerry Smartphone provided by Alltel

-----Original Message-----
From: eric@...

Date: Wed, 27 May 2009 12:17:39
To: <FT897@yahoogroups.com>
Subject: RE: [FT897] desperately need help!

Hi Doug,

what is it doing into a dummy load? This is the first thing to check.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "kd7zdd" <kd7zdd@...>
>Date: Tue, 26 May 2009 22:47:08 -0000
>Subject: [FT897] desperately need help!
>Reply-To: FT897@yahoogroups.com
>
>
>this is my first post so please excuse my poor form. i've had my 897d for
>a couple months now, i use a mfj 969 tuner and a high sierra electronics
>hs1800/pro anntenna with the six shooter capicity hat. the problum i have
>is nothing i do will keep the hiswr warnning from comming on. reception
is
>noisy but i've pulled in signals over 1000 miles. today i spread the ground
>radials that came with the antenna out but that was no help. any and all
>suggestions welcome. thanks a million
>kd7zdd (doug) in elko, nv
>
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

26197. Re: [FT897] desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 05:03:50 UTC
From: Thomas Wilson
Topic: 26188 Message: 26197

If you have a multi-band antenna, disconnect the tuner and plug the radio directly in to the antenna. Get the antenna manual out and re-read the tuning directions. Chances are you missed something along the way...some antennas need to be configured differently at ground level, for example. (The Hustler verticals are a good example: you set the length of each section differently based on whether you're roof mounting, ground mounting, or ground mounting with no radials.)

Check the antenna connections: is the cable connected properly? Is there a short circuit or a bad connection? Is the cable bad? Assuming your cable is properly connected and in good shape, then you should probably reset the antenna sections to the starting length recommended in the manual. From there, you will probably have a high SWR, but you can tune out each band, starting with the highest frequency (shortest wavelength.)

Also, be sure to check each band the antenna supports. If the higher bands work and the lower ones don't, you may have a bad trap.

Assuming the SWR isn't too wonky at this point, you should start with the highest band (6 meters, i take it, from your description.) Set the radio to its lowest power, and key up on the low side of 6 meters. Note the SWR. Do the same thing on the high side. (Remember to ID.. I have one of the 3 CW memories set to my ID.) There should be a difference between the SWR at the top and bottom. If the SWR is lower on the low frequency in the band, you need to shorten the antenna section. If it's lower at the top of the band, lengthen it. Do this in SMALL increments... the quarter-wave differencce between 50 and 52 MHz is only about 2 inches.

If you can't tune 6 meters, it's time to go heavy duty: you need to borrow or buy an antenna analyzer. An antenna analyzer is basically an SWR meter coupled with an oscillator. With that, you should be able to find out where the antenna is resonant, then you can adjust each band accordingly.

Remember to tune the shortest band first... on any antenna with traps, this will be thesection closest to the bottom and the highest frequency band the antenna supports. On a 6-10-20 antenna, for example, adjusting the 6 meter section will also affect the 10 and 20 sections. Tuning the 10M section will not affect the 6, but it will affect the 20. So it's important to adjust your tuning in the right order.

Finally, remember to adjust in small increments. As you go down the spectrum, a 1 Khz change in wavelength gets progressively longer, but unless your antenna is 60' tall, there will be some loading going on, and that means that even a small difference in length can have a dramatic difference in the electrical length of the antenna.

On Tue, May 26, 2009 at 9:08 PM, <kd7zdd@...> wrote:

>
>
> Eric, thanks for the reply. Into a dummy load everything checks out. I can
> get swr to 1:3 to 1 or less than when I go to the antenna the hiswr comes
> on. Doug kd7zdd
> Sent from my BlackBerry Smartphone provided by Alltel
>
> -----Original Message-----
> From: eric@... <eric%40van-de-weyer.org>
>
> Date: Wed, 27 May 2009 12:17:39
> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Subject: RE: [FT897] desperately need help!
>
>
> Hi Doug,
>
> what is it doing into a dummy load? This is the first thing to check.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> >From: "kd7zdd" <kd7zdd@... <kd7zdd%40yahoo.com>>
> >Date: Tue, 26 May 2009 22:47:08 -0000
> >Subject: [FT897] desperately need help!
> >Reply-To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> >
> >
> >this is my first post so please excuse my poor form. i've had my 897d for
> >a couple months now, i use a mfj 969 tuner and a high sierra electronics
> >hs1800/pro anntenna with the six shooter capicity hat. the problum i have
> >is nothing i do will keep the hiswr warnning from comming on. reception
> is
> >noisy but i've pulled in signals over 1000 miles. today i spread the
> ground
> >radials that came with the antenna out but that was no help. any and all
> >suggestions welcome. thanks a million
> >kd7zdd (doug) in elko, nv
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> >Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26198. Re: [FT897] Internal battery connectors

Yahoo group: FT897 (2009)
Date: 2009-05-27 07:03:41 UTC
From: Odessa Spikes
Topic: 26189 Message: 26198

Hello,
Do you have a diagram or schematic for wiring a hombrew battery pack with theese connectors?
Thanks
Jeff
KD5QDO

From: Jim C <liteways@...>
To: FT897@yahoogroups.com
Sent: Tuesday, May 26, 2009 9:59:43 PM
Subject: Re: [FT897] Internal battery connectors

Thanks. I looked all through that catalog and couldn't find them. The print is so small and the catalog so big, I just gave up. Someone posted a pin out for them, if I can find it.

wa7ocz wrote:
> A couple years ago, I made two battery packs (see them in the photos section here using the moniker "modembreath" .
>
> They're still working great but I finally decided to research the connectors to get the correct ones installed instead of the makeshift ones I came up with.
>
> I found them at Digi-key.
>
> I opted to not buy the crimper for a whole 6 terminals and just carefully crimped them on to the pre soldered wire, soldered them on, and inserted them in the connector.
>
> Works great.
>
> Interested?
>
> Digi-key carries both the housing and the sockets.
>
> P/n 455-1184-ND (mfg p/n VHR-3N)for the housing, and p/n 455-1133-1-ND (mfg p/n SVH-21T-P1.1) for 18-22AWG.
>
> 73's
>
> Don
> WA7OCZ
>
>
>

[Non-text portions of this message have been removed]

26199. Re: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-05-27 07:28:19 UTC
From: Peter Robinson
Topic: 26185 Message: 26199

Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look for an FT-847.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: Mike Dwyer
To: FT897@yahoogroups.com
Sent: Sunday, May 24, 2009 9:21 PM
Subject: [FT897] 70MHz

Has anyone any experience with having an FT-897D modified to work the 70MHz allocations?

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09 08:53:00

[Non-text portions of this message have been removed]

26200. Re: desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 10:10:10 UTC
From: nr3r15
Topic: 26188 Message: 26200

--- In FT897@yahoogroups.com, "kd7zdd" <kd7zdd@...> wrote:

t
Try getting rid of the tunner. you do not need a tunner when using that antenna. Connect the antenna to the HF side of the 897 and tune with the rocker switch that came with the antenna. I use the side kick antenna on their tripod with their radials (8 raedials 10ft long) spread out like a wagon wheel from the tripod and cap hat. I can tune that antenna down to 160 meters with the cap hat. I get zero swr and many many contacts. That is a great antenna. You must not have it connected correctly.

Larry / nr3r

26201. Re: [FT897] desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 12:05:54 UTC
From: Kerryguy7
Topic: 26188 Message: 26201

In order to best troubleshoot your problem we will need some more details about your setup.
Where is the antenna located in relation to the rig...?
What type of feedline are you using?
Etc...

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---

From: kd7zdd <kd7zdd@...>
To: FT897@yahoogroups.com
Sent: Tuesday, May 26, 2009 6:47:08 PM
Subject: [FT897] desperately need help!

this is my first post so please excuse my poor form. i've had my 897d for a couple months now, i use a mfj 969 tuner and a high sierra electronics hs1800/pro anntenna with the six shooter capicity hat. the problum i have is nothing i do will keep the hiswr warnning from comming on. reception is noisy but i've pulled in signals over 1000 miles. today i spread the ground radials that came with the antenna out but that was no help. any and all suggestions welcome. thanks a million
kd7zdd (doug) in elko, nv

[Non-text portions of this message have been removed]

26202. Re: desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 14:29:51 UTC
From: Bill Barron
Topic: 26188 Message: 26202

Sounds like bad coax jumper to tuner or bad coax feedline to antenna. These things work loose or go bad in inclement weather.
Try another coax if your set was working fine before this problem.

Bill W1WAB
--- In FT897@yahoogroups.com, Kerryguy7 <kerryguy7@...> wrote:
>
> In order to best troubleshoot your problem we will need some more details about your setup.
> Where is the antenna located in relation to the rig...?
> What type of feedline are you using?
> Etc...
>
>
> Thomas K. Lane
>
> Lane Computer Services
>
> http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician
>
>
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>
> _____
> From: kd7zdd <kd7zdd@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, May 26, 2009 6:47:08 PM
> Subject: [FT897] desperately need help!
>
>
>
>
>
> this is my first post so please excuse my poor form. i've had my 897d for a couple months now, i use a mfj 969 tuner and a high sierra electronics hs1800/pro anntenna with the six shooter capicity hat. the problum i have is nothing i do will keep the hiswr warnning from comming on. reception is noisy but i've pulled in signals over 1000 miles. today i spread the ground radials that came with the antenna out but that was no help. any and all suggestions welcome. thanks a million
> kd7zdd (doug) in elko, nv
>
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> [Non-text portions of this message have been removed]
>

26203. Re: [FT897] Re: desperately need help!

Yahoo group: FT897 (2009)
Date: 2009-05-27 14:46:37 UTC
From: kc3vo@aol.com
Topic: 26188 Message: 26203

When using motorized antennas, such as the TARHEEL and HIGH SIERRA, bestresults are normally obtained WITHOUT a tuner!? Tune the antenna, using its motor, for best match!? (If match is then not good enough, improve your grounding/radial system.) The antenna should be installed in the open, clear of any large/tall objects within 20 or more feet.) The radio should also be located far away, unless it is installed within, and grounded to, a vehicle or similar enclosure.? Coaxial cables/connectors need to be of high quality, and all soldered connections properly made, preferably with good 60/40 lead/tin rosin core solder. (Newer, lead-free solders do not perform, or last, as well) Installing a coil in shunt with the feedpoint of the antenna can facilitate raising the resonant impedance, if necessary, and is preferable to using a tuner.--See the ARRL antenna book, or the ARRRL handbook, for more details. As a general rule, the LESS equipment required to match an antenna, the better it actually works!-----73, KC3VO, Bob Curry

-----Original Message-----
From: Bill Barron <wabarron@...>
To: FT897@yahoogroups.com
Sent: Wed, 27 May 2009 10:29 am
Subject: [FT897] Re: desperately need help!

Sounds like bad coax jumper to tuner or bad coax feedline to antenna. These
things work loose or go bad in inclement weather.
Try another coax if your set was working fine before this problem.

Bill W1WAB
--- In FT897@yahoogroups.com, Kerryguy7 <kerryguy7@...> wrote:
>
> In order to best troubleshoot your problem we will need some more details
about your setup.
> Where is the antenna located in relation to the rig...?
> What type of feedline are you using?
> Etc...
>
>
> Thomas K. Lane
>
> Lane Computer Services
>
> http://home.comcast.net/~techman65A+ Certified & Network+ Certified
ComputerTechnician
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> _____

> From: kd7zdd <kd7zdd@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, May 26, 2009 6:47:08 PM
> Subject: [FT897] desperately need help!
>
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>
>
> this is my first post so please excuse my poor form. i've had my 897d for a couple months now, i use a mfj 969 tuner and a high sierra electronics hs1800/pro anntenna with the six shooter capicity hat. the problum i have is nothing i do will keep the hiswr warnning from comming on. reception is noisy but i've pulled in signals over 1000 miles. today i spread the ground radials that came with the antenna out but that was no help. any and all suggestions welcome. thanks a million
> kd7zdd (doug) in elko, nv
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> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

26204. RE: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-27 20:13:33 UTC
From: Gene Horr
Topic: 26074 Message: 26204

As was mentioned by others there isn't one. But you can make your own extension cable and the head will work for up to 8 feet (the longest distance I tested).

Gene Horr
NG1H

> Where can i purchase are REMOTE KIT for my FT-897D (if its exists).

26205. RE: [FT897] Collins filter--and more

Yahoo group: FT897 (2009)
Date: 2009-05-27 20:25:04 UTC
From: Gene Horr
Topic: 26059 Message: 26205

> What would I be gaining by adding the Collins SSB filter? What exactly goes it do and how well does it do it?

My experience is that the cutoff from nearby frequencies is better. So in crowded band conditions you'll get an improvement in reception. There is also a slight improvement in SNR but for me this improvement is minimal. If you are trying to hear weak signals in crowded or noisy conditions it will help you. If your contacts are all strong in reception you money is probably best spent elsewhere...

> At some point I will probably want to upgrade to something better. By that I mean a rig with more features to help me get my signal out under difficult conditions.

... such as in your antenna. In terms of "bang for your buck" the antenna and your system's installation will improve things far more than throwing money at a rig. Do some research on stealth antennas and their installations and there may be something there which would help your particular location.

Gene Horr
NG1H

26206. TRULY AWESOME!!!!

Yahoo group: FT897 (2009)
Date: 2009-05-27 20:57:46 UTC
From: kd7zdd
Topic: 26206 Message: 26206

Thankyou all for your help. I moved the antenna off of the side of the house and out of the shadow of the satellite receiver. It was four feet away. I than set it up in the yard on the tripod as the manufactur designed.I also figured out how to make the tuner in the radio work. one thing I learned is you can read the manual until your blue in the face but until you get your hands on the knobs and move some switches you really don't understand what they do. At least not me. OH YEA ALLMOST FORGOT, Made three contacts, one on 40 and two no 20 meters. All in the Denver area. Thanks again this group is TRULY AWESOME.
P.S. My next step is to take the advice of a local ham and buy a real antenna, at least for base station use.
Doug kd7zdd

26207. firmware bug...

Yahoo group: FT897 (2009)
Date: 2009-05-27 21:39:23 UTC
From: Thomas Wilson
Topic: 26207 Message: 26207

I discovered a bug last night in the radio's firmware:

If you're talking on a repeater, you can use the REV function to listen to the input frequency. On my other radios, if you switch memory channels while the REV function is engaged, it simply disengages, switching back to regular listen mode.

Last night, I had the REV function engaged on the FT-897, and I used the wheel on the mic to switch to the next higher channel from 52 to 53. The radio ERASED the memory settings in 53, overwriting them with 7 MHZ LSB.

So use the REV function with care, and never, never change channels when listening with the REV mode.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26208. Re: [FT897] firmware bug...

Yahoo group: FT897 (2009)
Date: 2009-05-27 22:17:34 UTC
From: Dean Nash
Topic: 26207 Message: 26208

Tom,

Have you have reported this to Yaesu?

I ran across this about 2 months ago and reported it. They said they could not duplicate it and that I was the only one who sent this information to them. They had me hard reset the radio but it still does it.

If they get enough complaints, maybe we'll get a fix......

73 de N4SHD

From: Thomas Wilson <wilsontp@...>
To: FT897 <FT897@yahoogroups.com>
Sent: Wednesday, May 27, 2009 5:39:23 PM
Subject: [FT897] firmware bug...

I discovered a bug last night in the radio's firmware:

If you're talking on a repeater, you can use the REV function to listen to the input frequency. On my other radios, if you switch memory channels while the REV function is engaged, it simply disengages, switching back to regular listen mode.

Last night, I had the REV function engaged on the FT-897, and I used the wheel on the mic to switch to the next higher channel from 52 to 53. The radio ERASED the memory settings in 53, overwriting them with 7 MHZ LSB.

So use the REV function with care, and never, never change channels when listening with the REV mode.

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26209. Re: [FT897] firmware bug...

Yahoo group: FT897 (2009)
Date: 2009-05-27 22:44:33 UTC
From: Thomas Wilson
Topic: 26207 Message: 26209

I need to test it a little more... I've established that it happens with the remote mic, but I haven't tried it yet while turning the console knob. It might be limited to a specific set of radios, which may be why the support folks haven't duplicated the problem.

Do you have an 897D or an older 897? I wonder what our units have in common that's different than other radios....

can anyone else on the list test this and see if you can replicate it? (I'd suggest backing up your radio's settings or setting up a couple of new memory channels before testing this...) Also, try it with the *knob* on the remote-control mic, the up/down buttons, and the front panel tuning dial.

On Wed, May 27, 2009 at 3:17 PM, Dean Nash <n4shd@...> wrote:

>
>
> Tom,
>
> Have you have reported this to Yaesu?
>
> I ran across this about 2 months ago and reported it. They said they could
> not duplicate it and that I was the only one who sent this information to
> them. They had me hard reset the radio but it still does it.
>
> If they get enough complaints, maybe we'll get a fix......
>
>
> 73 de N4SHD
>
> _____
> From: Thomas Wilson <wilsontp@... <wilsontp%40gmail.com>>
> To: FT897 <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Wednesday, May 27, 2009 5:39:23 PM
> Subject: [FT897] firmware bug...
>
>
> I discovered a bug last night in the radio's firmware:
>
> If you're talking on a repeater, you can use the REV function to listen to
> the input frequency. On my other radios, if you switch memory channels
> while
> the REV function is engaged, it simply disengages, switching back to
> regular
> listen mode.
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> Last night, I had the REV function engaged on the FT-897, and I used the
> wheel on the mic to switch to the next higher channel from 52 to 53. The
> radio ERASED the memory settings in 53, overwriting them with 7 MHZ LSB.
>
> So use the REV function with care, and never, never change channels when
> listening with the REV mode.
>
> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26210. Re: [FT897] firmware bug...

Yahoo group: FT897 (2009)
Date: 2009-05-27 23:13:51 UTC
From: Dean Nash
Topic: 26207 Message: 26210

My 897D does it on the MH-59 mic and knobs. The radio was built 01/09.

73 de N4SHD

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 27, 2009 6:44:33 PM
Subject: Re: [FT897] firmware bug...

I need to test it a little more... I've established that it happens with the
remote mic, but I haven't tried it yet while turning the console knob. It
might be limited to a specific set of radios, which may be why the support
folks haven't duplicated the problem.

Do you have an 897D or an older 897? I wonder what our units have in common
that's different than other radios....

can anyone else on the list test this and see if you can replicate it? (I'd
suggest backing up your radio's settings or setting up a couple of new
memory channels before testing this...) Also, try it with the *knob* on the
remote-control mic, the up/down buttons, and the front panel tuning dial.

On Wed, May 27, 2009 at 3:17 PM, Dean Nash <n4shd@yahoo. com> wrote:

>
>
> Tom,
>
> Have you have reported this to Yaesu?
>
> I ran across this about 2 months ago and reported it. They said they could
> not duplicate it and that I was the only one who sent this information to
> them. They had me hard reset the radio but it still does it.
>
> If they get enough complaints, maybe we'll get a fix......
>
>
> 73 de N4SHD
>
> ---------- --------- --------- --
> From: Thomas Wilson <wilsontp@gmail. com <wilsontp%40gmail. com>>
> To: FT897 <FT897@yahoogroups. com <FT897%40yahoogroup s.com>>
> Sent: Wednesday, May 27, 2009 5:39:23 PM
> Subject: [FT897] firmware bug...
>
>

> I discovered a bug last night in the radio's firmware:
>
> If you're talking on a repeater, you can use the REV function to listen to
> the input frequency. On my other radios, if you switch memory channels
> while
> the REV function is engaged, it simply disengages, switching back to
> regular
> listen mode.
>
> Last night, I had the REV function engaged on the FT-897, and I used the
> wheel on the mic to switch to the next higher channel from 52 to 53. The
> radio ERASED the memory settings in 53, overwriting them with 7 MHZ LSB.
>
> So use the REV function with care, and never, never change channels when
> listening with the REV mode.
>
> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26211. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 00:03:23 UTC
From: Joe
Topic: 1970 Message: 26211

I wasn't aware the 897D had a removable head. My 897D sure didn't. My 857D does. Perhaps you are mixed up on models??

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Gene Horr" <genehorr@...>
Subject: RE: [FT897] (unknown)

> As was mentioned by others there isn't one. But you can make your own
> extension cable and the head will work for up to 8 feet (the longest
> distance I tested).
>
> Gene Horr
> NG1H
>
>> Where can i purchase are REMOTE KIT for my FT-897D (if its exists).
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

26212. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 00:13:49 UTC
From: Dean Nash
Topic: 1970 Message: 26212

You are correct Joe. The 897/897D head is NOT removable

73 de N4SHD

From: Joe <WA6RKN@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 27, 2009 8:03:23 PM
Subject: Re: [FT897] (unknown)

I wasn't aware the 897D had a removable head. My 897D sure didn't. My 857D
does. Perhaps you are mixed up on models??

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Gene Horr" <genehorr@gmail. com>
Subject: RE: [FT897] (unknown)

> As was mentioned by others there isn't one. But you can make your own
> extension cable and the head will work for up to 8 feet (the longest
> distance I tested).
>
> Gene Horr
> NG1H
>
>> Where can i purchase are REMOTE KIT for my FT-897D (if its exists).
>
>
>
>
> ------------ --------- --------- ------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

26213. RE: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 05:16:31 UTC
From: Gene Horr
Topic: 1970 Message: 26213

Nope. 897 faceplate can be removed and a custom cable made. Which makes sense as it is the same electronics as the 857. As mentioned I had the head working with an 8' cable. You'll need to fabricate a holder for the faceplate and the fans are exposed on the body and so you might want to fabricate a cover for that. The faceplate is held on by (IIRC) four screws. You'll need to remove both the top and the bottom chassis covers to reach those screws. There are 3 cables with around (again, IIRC) 15 wires total. I used a 25 wire parallel printer cable to make the extension. I never found the source of the plugs for the cables and so you may want to pull the cables from an inop unit to splice into.

This was done just as a "let's see if it works" type project. I had a hypothesis that it should due to the electronics as mentioned above. I did not have one of the external meters and so I do not know how that accessory would be affected.

Gene Horr
NG1H

> I wasn't aware the 897D had a removable head. My 897D sure didn't. My 857D does. Perhaps you are mixed up on models??

26214. RE: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 05:28:54 UTC
From: Gene Horr
Topic: 1970 Message: 26214

PS - I debated on whether to use two RJ-45 outlets for the cable connections or a single DB-25. I wound up just going with the DB-25 to avoid confusion about which cable went into which outlet. After it was over IMO I wish I had gone the RJ-45 route and color coded the outlets and cables. I soldered and shrink wrapped each strand and it got to be a pain <g>. With Panduit and similar systems you can just lay the wires out in the plug insert, snap the cover down, and you are done.

Now should you do this project? Well, IMO no unless you just want to see for yourself or are limited on funds. The 897 (and the 857) IMO make very poor mobile setups anyway due to too many button presses when switching modes. If this unit is your only choice or you are a single mode operator then you might consider it. Personally I would sell it and purchase a (yes, I know, boo hiss) ICOM for mobile use. For me the 897 works better sitting on the desk.

Gene Horr
NG1H

26215. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 06:11:25 UTC
From: Larry D. Barr, K5WLF
Topic: 1970 Message: 26215

Just a personal observation here, not related to whether or not the 897D or 857D is ideal for mobile operation.

I've owned an FT-857D -- traded it for a second 897D. Sometime I'll get another 857D to mount in my mobile. It's a great radio. I'm building a new console now for my pickup and I'll leave room in it for the 857D.

Either way, it shouldn't matter.

If you're finding yourself with too many button presses to change freqs, modes or whatever you should pull off the road. I don't care if you're running an 857D, 897D or Icom IC-7000 (a very nice radio), if the radio is taking your attention away from the driving task at hand -- pull off the road and stop while you deal with the radio issues.

Amateur radio mobile operation has an excellent safety record because we, as amateurs, have traditionally taken all necessary precautions to ensure that our mobile operations do NOT interfere with driving the vehicle. Many times on our local repeater you'll hear, "I'm gonna get both hands on the wheel now. 73. K5XXX"

Let's not become part of the "talking on the cell phone, putting on make-up, shaving on the way to work" crowd. As I was told by my instructor in primary flight school, "Don't drop the aircraft to fly the microphone."

Although we are called "Amateur Radio Operators", that's because we're not paid -- we can still maintain professional standards, including our driving.

73,
ldb
K5WLF

Gene Horr wrote:
> PS - I debated on whether to use two RJ-45 outlets for the cable connections
> or a single DB-25. I wound up just going with the DB-25 to avoid confusion
> about which cable went into which outlet. After it was over IMO I wish I
> had gone the RJ-45 route and color coded the outlets and cables. I soldered
> and shrink wrapped each strand and it got to be a pain <g>. With Panduit
> and similar systems you can just lay the wires out in the plug insert, snap
> the cover down, and you are done.
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> Now should you do this project? Well, IMO no unless you just want to see
> for yourself or are limited on funds. The 897 (and the 857) IMO make very
> poor mobile setups anyway due to too many button presses when switching
> modes. If this unit is your only choice or you are a single mode operator

> then you might consider it. Personally I would sell it and purchase a (yes,
> I know, boo hiss) ICOM for mobile use. For me the 897 works better sitting
> on the desk.
>
> Gene Horr
> NG1H

26216. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 11:27:19 UTC
From: Jim C
Topic: 1970 Message: 26216

Could each end of the cable have a male and a female RJ-45 so you would
have to color code them?

I fully understand the too many buttons problem

Gene Horr wrote:
> PS - I debated on whether to use two RJ-45 outlets for the cable connections
> or a single DB-25. I wound up just going with the DB-25 to avoid confusion
> about which cable went into which outlet. After it was over IMO I wish I
> had gone the RJ-45 route and color coded the outlets and cables. I soldered
> and shrink wrapped each strand and it got to be a pain <g>. With Panduit
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> the cover down, and you are done.
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> Now should you do this project? Well, IMO no unless you just want to see
> for yourself or are limited on funds. The 897 (and the 857) IMO make very
> poor mobile setups anyway due to too many button presses when switching
> modes. If this unit is your only choice or you are a single mode operator
> then you might consider it. Personally I would sell it and purchase a (yes,
> I know, boo hiss) ICOM for mobile use. For me the 897 works better sitting
> on the desk.
>
> Gene Horr
> NG1H
>
>
>
>

26217. RE: [FT897] ft897d work as becaon

Yahoo group: FT897 (2009)
Date: 2009-05-28 17:50:29 UTC
From: Dennis
Topic: 26145 Message: 26217

The beacon can be activated in any mode (AM, FM, SSB CW, CWR) on any band. Great for providing propagation tests or letting it run and see if you get any QSL replies! Just remember to use it where appropriate and not upset people by letting it run where it shouldn't be used!

Dennis - N8BMB

26218. RE: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 19:01:07 UTC
From: Gene Horr
Topic: 1970 Message: 26218

> Could each end of the cable have a male and a female RJ-45 so you would have to color code them?

Yes. Using inserts gives you a variety of colors for the plugs. Most suppliers carry at least 5 - blue, orange, black, white and cream. It's been a few years since I did this but now that I've thought about it the reason I didn't go with RJ-45 was that there may have been more than 16 wires. 17 maybe? This would have required 3 cables and by this time it seemed like it was easier to just go the DB-25 route. Now that I've done it though I probably would have gone back to RJ-45 if I were to do it over.

> I fully understand the too many buttons problem.

This is the main advantage Icom has IMO. It maintains the settings in memory for each band/mode. So switching from VHF/FM to HF/SSB involves just pressing the band change button. And before the fanboys get their undies in a wad I do use a 897 for my office location and when portable <g>.

Gene Horr
NG1H

26219. Re: [FT897] (unknown)

Yahoo group: FT897 (2009)
Date: 2009-05-28 20:24:39 UTC
From: Jim C
Topic: 1970 Message: 26219

I have an 897D but I got tired of trying to remember the button sequence. Maybe when I was younger, it would be so confusing when I wanted to change modes or change the view in the display, but it was getting confusing and the level of white noise all the time was bothersome. In January I got an Icom 746PRO and it has more buttons and fewer menus to navigate and the white noise is much less. However, it isn't as portable nor does it have 30 meter band, nor dopes it have 440 mHz

Gene Horr wrote:
> I fully understand the too many buttons problem.
>
>
> This is the main advantage Icom has IMO. It maintains the settings in
> memory for each band/mode. So switching from VHF/FM to HF/SSB involves just
> pressing the band change button. And before the fanboys get their undies in
> a wad I do use a 897 for my office location and when portable <g>.
>
> Gene Horr
> NG1H
>
>
>
>

26220. Invitation to Website of SQ9IWU Richard :)

Yahoo group: FT897 (2009)
Date: 2009-05-30 23:41:13 UTC
From: SQ9MLL Art
Topic: 20579 Message: 26220

Hello at all Radio Friends :)
I would like to invite You to visit the website of one of my friends , SQ9IWU mr.Richard from Katowice, Silesia Province , Poland.
Richard, me and our friend SQ9HHT Paul (blind operator) , we made trips to Lysa Hora 1324m a peak in Czech Rep.
Lysa Hora is our standard place to made QSO`s over Europe on 2m and 70cm... and more :)
After very short registration You can see our pictures from our trips in photo galery.
Link to the WebSite of SQ9IWU: www.sq9iwu.qrz.pl
With the end of Juni we go to visit HAM Fest in Friedrichshafen in Germany... maby we can meet us there? ;) i hope for that :)
with best rgds

SQ 9 MLL Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

26221. Re: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-05-28 00:45:39 UTC
From: Mike Dwyer
Topic: 26185 Message: 26221

Radioworld say they can do the mod for £25. I just wondered if it was worth having it done.

From: Peter Robinson <peter@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 27, 2009 8:28:19 AM
Subject: Re: [FT897] 70MHz

Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look for an FT-847.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: Mike Dwyer
To: FT897@yahoogroups. com
Sent: Sunday, May 24, 2009 9:21 PM
Subject: [FT897] 70MHz

Has anyone any experience with having an FT-897D modified to work the 70MHz allocations?

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09 08:53:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26222. cd-24

Yahoo group: FT897 (2009)
Date: 2009-05-30 01:49:22 UTC
From: kc2mjx
Topic: 26222 Message: 26222

Can I use the external power supply plug for the 897d to plug into a cd-24 charging port to charge my new internal batteries (FNB-78)? Is the polarty the same? Thank You

73
Dave
KC2MJX@...

26223. Re: [FT897] cd-24

Yahoo group: FT897 (2009)
Date: 2009-06-01 03:08:33 UTC
From: kc3vo@aol.com
Topic: 26222 Message: 26223

YES-polarity is the same! KC3VO, Bob Curry
**********An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!
(http://pr.atwola.com/promoclk/100126575x1221823251x1201398665/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=MayExcfooterNO62)

[Non-text portions of this message have been removed]

26224. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-06-01 07:24:15 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 26224

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

26225. Re: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-06-01 10:57:41 UTC
From: Peter Robinson
Topic: 26185 Message: 26225

I don't know anything about their offer. Personally, I would be very wary - one of the IFs is 68.3 - rather close to 70MHz. At the end of the day - as they say - it is your radio.

GL - 73 de Peter - GØFIM / AA3JN

If you value your HF privileges, please consider signing the Downing St petition:

http://petitions.number10.gov.uk/SaveShortwave2/

I have.

----- Original Message -----
From: Mike Dwyer
To: FT897@yahoogroups.com
Sent: Thursday, May 28, 2009 1:45 AM
Subject: Re: [FT897] 70MHz

Radioworld say they can do the mod for £25. I just wondered if it was worth having it done.

From: Peter Robinson <peter@...>
To: FT897@yahoogroups.com
Sent: Wednesday, May 27, 2009 8:28:19 AM
Subject: Re: [FT897] 70MHz

Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look for an FT-847.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: Mike Dwyer
To: FT897@yahoogroups. com
Sent: Sunday, May 24, 2009 9:21 PM
Subject: [FT897] 70MHz

Has anyone any experience with having an FT-897D modified to work the 70MHz allocations?

[Non-text portions of this message have been removed]

---------- --------- --------- --------- --------- --------- -

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09 08:53:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.338 / Virus Database: 270.12.46/2145 - Release Date: 05/31/09 05:53:00

[Non-text portions of this message have been removed]

26226. Re: [FT897] Re: Signalink USB & FT897D

Yahoo group: FT897 (2009)
Date: 2009-06-01 17:29:01 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26166 Message: 26226

Last week I built a cable for my FT757 to be used with the Signalink.
There are two advantages to this: it's less $$ and there is no need
to open the box and change the jumpers.

The connector is the same connector that is used for ethernet
cables. I happen to have a crimper tool and connectors, but
you could simply sacrifice an extra cable, if you have one.

My technique was to: have a cable with the RJ connector and
the wires at the other end stripped. I ohmed-out the desired
signals, and soldered them to the correct pins on my radio
connector. The unused wires were simply cut to varying lengths.

Now I can use the same box with either radio. No need to fiddle
with the innards.

Rob
AF6CM

On Tue, 26 May 2009 22:02 +0000, "Randy" <faygopaygo@...>
wrote:

Chip,
You will need a new cable from the Signalink to your rig, and you
will also more than likely need to reprogram the dip switch
inside the Signalink. This is accomplished by placing provided
jumper wires in a DIP socket. The wires and programming info are
provided with your Signalink. It's very easy to do, just make
sure the wires are all the way down in the socket(needle nose
pliers essential here). You can reprogram for different radios
but it is a bit of a P.I.T.A to do on a regular basis. Much
easier to get another Signalink, right Tigertronic'
s ;-)
Hope this helps,
Randy
KG6WCA

26227. recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-01 19:29:19 UTC
From: Thomas Meggison
Topic: 26227 Message: 26227

I am trying to record a QSO with my computer recorder. I have no problem recording what I hear, however, I cannot record my transmissions. I have hooked the output of the 897 in the back to the input for the external microphone jack on my computer. I know there must be a way to do this??? MAybe???

Do I have to change some menu?
Thank for help. 73
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

[Non-text portions of this message have been removed]

26228. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-01 20:54:28 UTC
From: Thomas Wilson
Topic: 26227 Message: 26228

The jack on the back is for data communication: things like PSK, Packet, SSTV, and such. It does not carry microphone audio. Unfortunately, the FT-897 doesn't have a talkback option, like the 450 does. I can think of several ways to do it, but they all involve various levels of compexity that are far above & beyond a simple patch cable.

What you really need is some sort of "talkback" adapter that can connect to the mic jack; it would have to have an audio mixer to bring the rx audio down to a safe mic level, then send both out on a wire. You could then plug that in to your recorder, getting both RX and TX audio. I'll keep my eyes open for anything I see in that respect.

On Mon, Jun 1, 2009 at 12:29 PM, Thomas Meggison <meggi@...>wrote:

>
>
> I am trying to record a QSO with my computer recorder. I have no
> problem recording what I hear, however, I cannot record my
> transmissions. I have hooked the output of the 897 in the back to the
> input for the external microphone jack on my computer. I know there
> must be a way to do this??? MAybe???
>
> Do I have to change some menu?
> Thank for help. 73
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@... <kc2uld%40arrl.net>
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26229. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-01 23:12:25 UTC
From: Thomas Meggison
Topic: 26227 Message: 26229

Thank you very much, I will look around too. You said its called
"talk back"?
Thanks for the help, really appreciate it.

Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@...

On Jun 1, 2009: 4:54 PM, at Jun 1, 2009: 4:54 PM, Thomas Wilson wrote:

>
>
> The jack on the back is for data communication: things like PSK,
> Packet,
> SSTV, and such. It does not carry microphone audio. Unfortunately, the
> FT-897 doesn't have a talkback option, like the 450 does. I can
> think of
> several ways to do it, but they all involve various levels of
> compexity that
> are far above & beyond a simple patch cable.
>
> What you really need is some sort of "talkback" adapter that can
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> the mic jack; it would have to have an audio mixer to bring the rx
> audio
> down to a safe mic level, then send both out on a wire. You could
> then plug
> that in to your recorder, getting both RX and TX audio. I'll keep my
> eyes
> open for anything I see in that respect.
>
> On Mon, Jun 1, 2009 at 12:29 PM, Thomas Meggison <meggi@...
> >wrote:
>
> > >
> > >
> > > I am trying to record a QSO with my computer recorder. I have no
> > > problem recording what I hear, however, I cannot record my
> > > transmissions. I have hooked the output of the 897 in the back to
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> > > input for the external microphone jack on my computer. I know there
> > > must be a way to do this??? MAybe???
> > >

> > Do I have to change some menu?
> > Thank for help. 73
> > Tom
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> > Grid# FN13ee
> > E-Mail: kc2uld@... <kc2uld%40arrl.net>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

26230. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 01:05:31 UTC
From: P Grant
Topic: 26227 Message: 26230

Being real simple !!

What about trying the little suction cup pick up that used to be useful to stick on a telephone
for another person to listen,,,, before answering machines they could be hooked up to a tape recorder,,,,,,,,,,, you just might have to look in a museum for one... Hi
Peter EI4HX _____ ei4hxperimental@...
----- Original Message -----
From: Thomas Wilson
To: FT897@yahoogroups.com
Sent: Monday, June 01, 2009 8:54 PM
Subject: Re: [FT897] recording transmissions

The jack on the back is for data communication: things like PSK, Packet,
SSTV, and such. It does not carry microphone audio. Unfortunately, the
FT-897 doesn't have a talkback option, like the 450 does. I can think of
several ways to do it, but they all involve various levels of compexity that
are far above & beyond a simple patch cable.

What you really need is some sort of "talkback" adapter that can connect to
the mic jack; it would have to have an audio mixer to bring the rx audio
down to a safe mic level, then send both out on a wire. You could then plug
that in to your recorder, getting both RX and TX audio. I'll keep my eyes
open for anything I see in that respect.

On Mon, Jun 1, 2009 at 12:29 PM, Thomas Meggison <meggi@...>wrote:

>
>
> I am trying to record a QSO with my computer recorder. I have no
> problem recording what I hear, however, I cannot record my
> transmissions. I have hooked the output of the 897 in the back to the
> input for the external microphone jack on my computer. I know there
> must be a way to do this??? MAybe???
>
> Do I have to change some menu?
> Thank for help. 73
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@... <kc2uld%40arrl.net>
>
> [Non-text portions of this message have been removed]
>

>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26231. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 00:58:01 UTC
From: Edward Thorpe
Topic: 26227 Message: 26231

How about a second receiver connected to a dummy load. That way you'll
have some idea what you sound like to others.

Ted Thorpe, VE3HPL

On 1-Jun-09, at 3:29 PM, Thomas Meggison wrote:

>
>
> I am trying to record a QSO with my computer recorder. I have no
> problem recording what I hear, however, I cannot record my
> transmissions. I have hooked the output of the 897 in the back to the
> input for the external microphone jack on my computer. I know there
> must be a way to do this??? MAybe???
>
> Do I have to change some menu?
> Thank for help. 73
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@...
>
> [Non-text portions of this message have been removed]
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>
>

[Non-text portions of this message have been removed]

26232. RE: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 02:10:45 UTC
From: KD8CCX - Adam Filkins
Topic: 26227 Message: 26232

I use Audacity, a free recording program, and I record the QSO with a computer microphone where it picks up both my voice and the 897D. It works quite well. The only way that I could think of to record both transmission and receiving would be to have a receiver only or a 2nd Transceiver set up to catch both.

Give the Audacity and computer mic a try - you will be surprised by the results.

73's and good luck.

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Thomas Meggison
Sent: Monday, June 01, 2009 3:29 PM
To: FT897 Moderator
Subject: [FT897] recording transmissions

I am trying to record a QSO with my computer recorder. I have no problem recording what I hear, however, I cannot record my transmissions. I have hooked the output of the 897 in the back to the input for the external microphone jack on my computer. I know there must be a way to do this??? MAybe???

Do I have to change some menu?
Thank for help. 73
Tom

73 de--Tom--KC2ULD
Rochester, NY
Grid# FN13ee
E-Mail: kc2uld@arrl. <mailto:kc2uld%40arrl.net> net

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26233. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 02:27:15 UTC
From: robert donchez
Topic: 26227 Message: 26233

connect a recording device to an external speaker to rig, turn on
monitor funtion (lets you monitor your transmit audio through
speaker), records both the received signal and your tran smi outgoing
- all through the external speaker
bob donchez
wb3hyb
On Jun 1, 2009, at 10:10 PM, KD8CCX - Adam Filkins wrote:

> I use Audacity, a free recording program, and I record the QSO with a
> computer microphone where it picks up both my voice and the 897D. It
> works quite well. The only way that I could think of to record both
> transmission and receiving would be to have a receiver only or a 2nd
> Transceiver set up to catch both.
>
> Give the Audacity and computer mic a try - you will be surprised by
> the
> results.
>
> 73's and good luck.
>
> Adam Filkins
> KD8CCX
> 146.860Mhz Repeater - No PL
>
> Learn more about the Thumb Amateur Radio Club at:
> Http://www.w8ax.com
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
> Behalf Of
> Thomas Meggison
> Sent: Monday, June 01, 2009 3:29 PM
> To: FT897 Moderator
> Subject: [FT897] recording transmissions
>
>
>
>
>
>
> I am trying to record a QSO with my computer recorder. I have no
> problem recording what I hear, however, I cannot record my
> transmissions. I have hooked the output of the 897 in the back to the
> input for the external microphone jack on my computer. I know there
> must be a way to do this??? MAybe???

>
> Do I have to change some menu?
> Thank for help. 73
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@arrl. <mailto:kc2uld%40arrl.net> net
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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26234. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 02:28:25 UTC
From: Randy Charles Ford
Topic: 26227 Message: 26234

What about using a transmit/receive switch like for an amplifier to record from the CAT output normally, but switching to a room mic when you transmit? Audio quality of the received signal may be better, and you wouldn't pick up room noises unless you are transmitting. With some more work, you could pick up the transmitted audio directly from the rigs mic cable.

The problem with using a second receiver would be that you would have to tune it everytime you tuned the primary rig. That might not be an issue, depending on how you are using the recorded audio.

73,
kg4jix - randy.

On Monday 01 June 2009 21:10:45 KD8CCX - Adam Filkins wrote:
> I use Audacity, a free recording program, and I record the QSO with a
> computer microphone where it picks up both my voice and the 897D. It
> works quite well. The only way that I could think of to record both
> transmission and receiving would be to have a receiver only or a 2nd
> Transceiver set up to catch both.
>
> Give the Audacity and computer mic a try - you will be surprised by the
> results.
>

26235. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 04:03:26 UTC
From: Tom Wilson
Topic: 26227 Message: 26235

Where is the monitor function? My rig has a MON soft key, but that
just temporarily breaks squelch. A monitor or talkback function IS the
ideal solution.

Sent from my iPhone

On Jun 1, 2009, at 7:27 PM, robert donchez <wb3hyb@...> wrote:

>
>
> connect a recording device to an external speaker to rig, turn on
> monitor funtion (lets you monitor your transmit audio through
> speaker), records both the received signal and your tran smi outgoing
> - all through the external speaker
> bob donchez
> wb3hyb
> On Jun 1, 2009, at 10:10 PM, KD8CCX - Adam Filkins wrote:
>
> > I use Audacity, a free recording program, and I record the QSO
> with a
> > computer microphone where it picks up both my voice and the 897D. It
> > works quite well. The only way that I could think of to record both
> > transmission and receiving would be to have a receiver only or a 2nd
> > Transceiver set up to catch both.
> >
> > Give the Audacity and computer mic a try - you will be surprised by
> > the
> > results.
> >
> > 73's and good luck.
> >
> > Adam Filkins
> > KD8CCX
> > 146.860Mhz Repeater - No PL
> >
> > Learn more about the Thumb Amateur Radio Club at:
> > Http://www.w8ax.com
> >
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
> > Behalf Of
> > Thomas Meggison
> > Sent: Monday, June 01, 2009 3:29 PM
> > To: FT897 Moderator
> > Subject: [FT897] recording transmissions

> >
> >
> >
> >
> >
> > I am trying to record a QSO with my computer recorder. I have no
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> > input for the external microphone jack on my computer. I know there
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> >
> > Do I have to change some menu?
> > Thank for help. 73
> > Tom
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> > Grid# FN13ee
> > E-Mail: kc2uld@arrl. <mailto:kc2uld%40arrl.net> net
> >
> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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> >
> > Yahoo! Groups Links
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26236. Re: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 04:09:07 UTC
From: Tom Wilson
Topic: 26227 Message: 26236

That is an inductive pickup. It picks up the speaker's magnetic field.
But with no talkback function (that I can find), an inductive pickup
won't work any better than the data port.

Btw, the data port works fine for receive... bit we need a way to get
TX audio. I'm leaning toward splitting the mic line and using a small
mixer to mix in the rx audio

Sent from my iPhone

On Jun 1, 2009, at 6:05 PM, "P Grant" <ei4hxperimental@...>
wrote:

>
>
> Being real simple !!
>
> What about trying the little suction cup pick up that used to be
> useful to stick on a telephone
> for another person to listen,,,, before answering machines they
> could be hooked up to a tape recorder,,,,,,,,,,, you just might have
> to look in a museum for one... Hi
> Peter EI4HX _______ ei4hxperimental@...
> ----- Original Message -----
> From: Thomas Wilson
> To: FT897@yahoogroups.com
> Sent: Monday, June 01, 2009 8:54 PM
> Subject: Re: [FT897] recording transmissions
>
> The jack on the back is for data communication: things like PSK,
> Packet,
> SSTV, and such. It does not carry microphone audio. Unfortunately, the
> FT-897 doesn't have a talkback option, like the 450 does. I can
> think of
> several ways to do it, but they all involve various levels of
> compexity that
> are far above & beyond a simple patch cable.
>
> What you really need is some sort of "talkback" adapter that can
> connect to
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> audio
> down to a safe mic level, then send both out on a wire. You could
> then plug
> that in to your recorder, getting both RX and TX audio. I'll keep my
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> open for anything I see in that respect.
>
> On Mon, Jun 1, 2009 at 12:29 PM, Thomas Meggison <meggi@...
> >wrote:
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> >
> >
> > I am trying to record a QSO with my computer recorder. I have no
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> > Do I have to change some menu?
> > Thank for help. 73
> > Tom
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> > Grid# FN13ee
> > E-Mail: kc2uld@... <kc2uld%40arrl.net>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

26237. Re: recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 06:45:02 UTC
From: g8hul
Topic: 26227 Message: 26237

--- In FT897@yahoogroups.com, Thomas Meggison <meggi@...> wrote:
>
> Thank you very much, I will look around too. You said its called
> "talk back"?
> Thanks for the help, really appreciate it.
>
> Tom
>

The normal description for what you are looking for is "sidetone", it is used for voice as well as cw.

As far as I am aware the 897 does not have sidetone on voice.

The only way, other than just using a mic on the computer to pick up both sides of the conversation, that comes to mind would be using the computer mic to drive the radio and recording that as well as the incoming audio from the 897.

73
Jeff

26238. RE: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-02 11:10:20 UTC
From: KD8CCX - Adam Filkins
Topic: 26227 Message: 26238

How exactly do you turn on the Monitor function? I have not seen this before, but that would be great!!!

This group is great. You learn something when it's not even your question!

73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of robert donchez
Sent: Monday, June 01, 2009 10:27 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] recording transmissions

connect a recording device to an external speaker to rig, turn on monitor funtion (lets you monitor your transmit audio through speaker), records both the received signal and your tran smi outgoing - all through the external speaker
bob donchez
wb3hyb
On Jun 1, 2009, at 10:10 PM, KD8CCX - Adam Filkins wrote:

> I use Audacity, a free recording program, and I record the QSO with a
> computer microphone where it picks up both my voice and the 897D. It
> works quite well. The only way that I could think of to record both
> transmission and receiving would be to have a receiver only or a 2nd
> Transceiver set up to catch both.
>
> Give the Audacity and computer mic a try - you will be surprised by
> the
> results.
>
> 73's and good luck.
>
> Adam Filkins
> KD8CCX
> 146.860Mhz Repeater - No PL
>
> Learn more about the Thumb Amateur Radio Club at:

> Http://www.w8ax. <Http://www.w8ax.com> com
>
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On
> Behalf Of
> Thomas Meggison
> Sent: Monday, June 01, 2009 3:29 PM
> To: FT897 Moderator
> Subject: [FT897] recording transmissions
>
>
>
>
>
> I am trying to record a QSO with my computer recorder. I have no
> problem recording what I hear, however, I cannot record my
> transmissions. I have hooked the output of the 897 in the back to the
> input for the external microphone jack on my computer. I know there
> must be a way to do this??? MAybe???
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> Do I have to change some menu?
> Thank for help. 73
> Tom
>
> 73 de--Tom--KC2ULD
> Rochester, NY
> Grid# FN13ee
> E-Mail: kc2uld@arrl. <mailto:kc2uld%40arrl.net> net
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

26239. Returned mail: User unknown

Yahoo group: FT897 (2009)
Date: 2009-06-02 22:03:47 UTC
From: mike@kc9ipv.com
Topic: 26239 Message: 26239

```
The original message was received at 2009-06-02 17:00:24 -0500
from postoffice.WOWWAY.COM [10.0.0.1]

----- The following addresses had permanent fatal errors -----
<mike@...>

-----Transcript of session follows -----
... while talking to postoffice.WOWWAY.COM.:
>>> RCPT To:<mike@...>
<<< 550 5.1.1 unknown or illegal alias: mike@...
550 <mike@...>... User unknown

[Non-text portions of this message have been removed]
```

26240. help needed - Soundcard Interface

Yahoo group: FT897 (2009)
Date: 2009-06-03 16:39:44 UTC
From: Adam Karsin
Topic: 26240 Message: 26240

Good afternoon,

I am sending this to a large group of folks to get this information request out as far as possible. I'm sorry if it is off topic for the list, please reply directly to me: akarsin@...

Ok, here is what I am trying to do:

Use my FT-897 for digital modes I have currently the 897, a soundcard interface made by Saratoga and I think it's connected properly.

I am using a laptop with Windows Vista, and running Ham Radio Deluxe with DM780 as the digital module.

Here is what I have done so far, and I hope I cover everything I have done.

note in the past I have run a speaker between the rig and computer, the speaker has 2 plugs on it, so that I can monitor audio as well as allow the computer to "hear" the audio as well. This worked well to receive. In order to send I had to get everything in the "TX" box, then grab the mic and key it up, hold it near the computer speaker and hit send in the program. It was functional, ableit cumbersome.

Now I have added the EZ-PSK inline. What I have so far is this:

The rig has a 3.5mm speaker jack on the back. I added a spliter to be able to plug both the speaker and interface in. there is a wire that plugs into the mic jack. There are 2 wires that plauc into the speakers and mic jacks on the computer and finally a USB cable.

That is the interface.

The radio is connected for CAT control to the computer. This connection SEEMS to have no issues, I can control the rig from the program (HRD/DM780). Well, except I can't seem to get the DM780 to key the rig..

The computer seems to see the interface, or as best I can tell it does.

A few things I have noticed and they may be smaller issues that will work them selves out when I get it running right, but even though I have the interface pluged in to the mic/line in jack on the computer, the on board mic still seems to pick up all the noise in the room. It's not even picking up the audio from the line.

Ok, so I am at a total loss here!!

Any assistance, advice or guidance is greatly appreciated!!

73,

Adam

KG4WWH

[Non-text portions of this message have been removed]

26241. Re: [FT897] help needed - Soundcard Interface

Yahoo group: FT897 (2009)
Date: 2009-06-03 18:20:12 UTC
From: Thomas Wilson
Topic: 26240 Message: 26241

First off, dump the speaker splitter and front panel mic setup. Pick up a 6-pin mini-DIN connector (or PS/2 keyboard cable) and use the radio's data port. You won't need to constantly re-adjust your volume and gain settings, and you can leave your mic and speaker plugged in.

The problem you're probably having with the mic is related to your Windows setup. You need to tell DM780 to use the LINE input on your sound card. Press the F8 key and choose the Sound Card tab. From there, choose the Line input as your input source.

Vista is kind of funny about input sources... as a long term solution, I'd suggest returning the Easy PSK and getting a Signalink box. The Signalink has a built-in sound card, and it's a much simpler setup. It also includes a cable that connects to the radio's data port, simplyfing your whole setup.

On Wed, Jun 3, 2009 at 9:39 AM, Adam Karsin <akarsin@...> wrote:

>
>
> Good afternoon,
>
> I am sending this to a large group of folks to get this information
> request out as far as possible. I'm sorry if it is off topic for the list,
> please reply directly to me: akarsin@... <akarsin%40verizon.net>
>
> Ok, here is what I am trying to do:
>
> Use my FT-897 for digital modes I have currently the 897, a soundcard
> interface made by Saratoga and I think it's connected properly.
>
> I am using a laptop with Windows Vista, and running Ham Radio Deluxe with
> DM780 as the digital module.
>
> Here is what I have done so far, and I hope I cover everything I have done.
>
> *note* in the past I have run a speaker between the rig and computer, the
> speaker has 2 plugs on it, so that I can monitor audio as well as allow the
> computer to "hear" the audio as well. This worked well to receive. In order
> to send I had to get everything in the "TX" box, then grab the mic and key
> it up, hold it near the computer speaker and hit send in the program. It
> was
> functional, ableit cumbersome.
>
> Now I have added the EZ-PSK inline. What I have so far is this:
>
> The rig has a 3.5mm speaker jack on the back. I added a spliter to be able

> to plug both the speaker and interface in. there is a wire that plugs into
> the mic jack. There are 2 wires that plauc into the speakers and mic jacks
> on the computer and finally a USB cable.
>
> That is the interface.
>
> The radio is connected for CAT control to the computer. This connection
> SEEMS to have no issues, I can control the rig from the program
> (HRD/DM780).
> Well, except I can't seem to get the DM780 to key the rig..
>
> The computer seems to see the interface, or as best I can tell it does.
>
> A few things I have noticed and they may be smaller issues that will work
> them selves out when I get it running right, but even though I have the
> interface pluged in to the mic/line in jack on the computer, the on board
> mic still seems to pick up all the noise in the room. It's not even picking
> up the audio from the line.
>
> Ok, so I am at a total loss here!!
>
> Any assistance, advice or guidance is greatly appreciated!!
>
> 73,
>
> Adam
>
> KG4WWH
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26242. RE: [FT897] help needed - Soundcard Interface

Yahoo group: FT897 (2009)
Date: 2009-06-03 18:28:02 UTC
From: Adam Karsin
Topic: 26240 Message: 26242

I'll have to sell it off, as I picked it up second hand.

I know there is a wiring diagram out there to change this over, I just have to find it...

As for the DM780, I'll try that now

Thanks,

Adam

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Thomas Wilson
Sent: Wednesday, June 03, 2009 14:20
To: FT897@yahoogroups.com
Subject: Re: [FT897] help needed - Soundcard Interface

First off, dump the speaker splitter and front panel mic setup. Pick up a 6-pin mini-DIN connector (or PS/2 keyboard cable) and use the radio's data port. You won't need to constantly re-adjust your volume and gain settings, and you can leave your mic and speaker plugged in.

The problem you're probably having with the mic is related to your Windows setup. You need to tell DM780 to use the LINE input on your sound card. Press the F8 key and choose the Sound Card tab. From there, choose the Line input as your input source.

Vista is kind of funny about input sources... as a long term solution, I'd suggest returning the Easy PSK and getting a Signalink box. The Signalink has a built-in sound card, and it's a much simpler setup. It also includes a cable that connects to the radio's data port, simplyfing your whole setup.

On Wed, Jun 3, 2009 at 9:39 AM, Adam Karsin <akarsin@verizon.
<mailto:akarsin%40verizon.net> net> wrote:

>
>
> Good afternoon,
>
> I am sending this to a large group of folks to get this information
> request out as far as possible. I'm sorry if it is off topic for the list,
> please reply directly to me: akarsin@verizon.
<mailto:akarsin%40verizon.net> net <akarsin%40verizon.net>
>
> Ok, here is what I am trying to do:
>

> Use my FT-897 for digital modes I have currently the 897, a soundcard
> interface made by Saratoga and I think it's connected properly.
>
> I am using a laptop with Windows Vista, and running Ham Radio Deluxe with
> DM780 as the digital module.
>
> Here is what I have done so far, and I hope I cover everything I have
done.
>
> *note* in the past I have run a speaker between the rig and computer, the
> speaker has 2 plugs on it, so that I can monitor audio as well as allow
the
> computer to "hear" the audio as well. This worked well to receive. In
order
> to send I had to get everything in the "TX" box, then grab the mic and key
> it up, hold it near the computer speaker and hit send in the program. It
> was
> functional, ableit cumbersome.
>
> Now I have added the EZ-PSK inline. What I have so far is this:
>
> The rig has a 3.5mm speaker jack on the back. I added a spliter to be able
> to plug both the speaker and interface in. there is a wire that plugs into
> the mic jack. There are 2 wires that plauc into the speakers and mic jacks
> on the computer and finally a USB cable.
>
> That is the interface.
>
> The radio is connected for CAT control to the computer. This connection
> SEEMS to have no issues, I can control the rig from the program
> (HRD/DM780).
> Well, except I can't seem to get the DM780 to key the rig..
>
> The computer seems to see the interface, or as best I can tell it does.
>
> A few things I have noticed and they may be smaller issues that will work
> them selves out when I get it running right, but even though I have the
> interface pluged in to the mic/line in jack on the computer, the on board
> mic still seems to pick up all the noise in the room. It's not even
picking
> up the audio from the line.
>
> Ok, so I am at a total loss here!!
>
> Any assistance, advice or guidance is greatly appreciated!!
>
> 73,
>
> Adam
>

> KG4WWH
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@gmail. <mailto:wilsontp%40gmail.com> com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26243. 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:21:56 UTC
From: rlh560
Topic: 26243 Message: 26243

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

26244. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:37:39 UTC
From: Gary Altig
Topic: 26243 Message: 26244

DE N7UVL,
The US Version "D" model (unmodified) is channelized for
the 60 Meter Frequencies. Pages 23; 45; 60 of the
Manual. If the 897 has been modified, such as for MARS,
the 60 Meter frequencies will have to be re-programmed./ga

----- Original Message -----
From: rlh560<mailto:HEUSERBOB@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, June 03, 2009 5:21 PM
Subject: [FT897] 60 meter operation

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

[Non-text portions of this message have been removed]

26245. RE: [FT897] recording transmissions

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:40:13 UTC
From: Michael Walker (VA3MW)
Topic: 26227 Message: 26245

There is no transmitted audio monitor in this radio like there is in the higher end ones.

You have to do it with another receiver (pain in the a**), or just with a second microphone.

Mike VA3MW

From: Tom Wilson [mailto:wilsontp@...]
Sent: Tuesday, June 02, 2009 12:09 AM
To: FT897
Subject: Re: [FT897] recording transmissions

That is an inductive pickup. It picks up the speaker's magnetic field. But with no talkback function (that I can find), an inductive pickup won't work any better than the data port.

Btw, the data port works fine for receive... bit we need a way to get TX audio. I'm leaning toward splitting the mic line and using a small mixer to mix in the rx audio

Sent from my iPhone

On Jun 1, 2009, at 6:05 PM, "P Grant" <ei4hxperimental@...
<mailto:ei4hxperimental%40eircom.net> >
wrote:

>
>
> Being real simple !!
>
> What about trying the little suction cup pick up that used to be
> useful to stick on a telephone
> for another person to listen,,,, before answering machines they
> could be hooked up to a tape recorder,,,,,,,,,,, you just might have
> to look in a museum for one... Hi
> Peter EI4HX _______ ei4hxperimental@...
<mailto:ei4hxperimental%40eircom.net>
> ----- Original Message -----
> From: Thomas Wilson
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Monday, June 01, 2009 8:54 PM
> Subject: Re: [FT897] recording transmissions
>
> The jack on the back is for data communication: things like PSK,
> Packet,
> SSTV, and such. It does not carry microphone audio. Unfortunately, the

> FT-897 doesn't have a talkback option, like the 450 does. I can
> think of
> several ways to do it, but they all involve various levels of
> compexity that
> are far above & beyond a simple patch cable.
>
> What you really need is some sort of "talkback" adapter that can
> connect to
> the mic jack; it would have to have an audio mixer to bring the rx
> audio
> down to a safe mic level, then send both out on a wire. You could
> then plug
> that in to your recorder, getting both RX and TX audio. I'll keep my
> eyes
> open for anything I see in that respect.
>
> On Mon, Jun 1, 2009 at 12:29 PM, Thomas Meggison <meggi@...
<mailto:meggi%40rochester.rr.com>
> >wrote:
>
> >
> >
> > I am trying to record a QSO with my computer recorder. I have no
> > problem recording what I hear, however, I cannot record my
> > transmissions. I have hooked the output of the 897 in the back to
> the
> > input for the external microphone jack on my computer. I know there
> > must be a way to do this??? MAybe???
> >
> > Do I have to change some menu?
> > Thank for help. 73
> > Tom
> >
> > 73 de--Tom--KC2ULD
> > Rochester, NY
> > Grid# FN13ee
> > E-Mail: kc2uld@... <mailto:kc2uld%40arrl.net> <kc2uld%40arrl.net>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@... <mailto:wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26246. Re: 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:41:35 UTC
From: rlh560
Topic: 26243 Message: 26246

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>I have the older FT-897 not the 897D

> DE N7UVL,
> The US Version "D" model (unmodified) is channelized for
> the 60 Meter Frequencies. Pages 23; 45; 60 of the
> Manual. If the 897 has been modified, such as for MARS,
> the 60 Meter frequencies will have to be re-programmed./ga
>
> ----- Original Message -----
> From: rlh560<mailto:HEUSERBOB@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Wednesday, June 03, 2009 5:21 PM
> Subject: [FT897] 60 meter operation
>
>
>
>
>
> Hello
> Will the FT897 operate on the 60 meter band?
> Thansk Bob
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26247. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:45:25 UTC
From: Dean Nash
Topic: 26243 Message: 26247

Yup.

73 de N4SHD

From: rlh560 <HEUSERBOB@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 3, 2009 8:21:56 PM
Subject: [FT897] 60 meter operation

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

[Non-text portions of this message have been removed]

26248. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:57:46 UTC
From: Joe
Topic: 26243 Message: 26248

If the radio is the FT-897D model, yes. Same holds true for the FT-857D.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "rlh560" <HEUSERBOB@...>
Subject: [FT897] 60 meter operation

> Hello
> Will the FT897 operate on the 60 meter band?
> Thansk Bob

26249. Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-04 01:18:20 UTC
From: adastra_2001
Topic: 26249 Message: 26249

I am waiting for the arrival of a Tigertronics USB interface for my 897. I've seen an occasional mention that some rigs are very sensitive on the mike line and need a 100k resistor in place of a jumper on the internal header. Is the 897 critical of levels in this manner?
AB2ZJ
Bennett

26250. Re: [FT897] Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-04 01:47:47 UTC
From: Thomas Wilson
Topic: 26249 Message: 26250

Assuming you ordered it with a 6-pin mini DIN connector (you use the DATA jack, not the mic and speaker jacks), it should work just fine without the jumper. The radio has an adjustable gain control and the Signalink has an adjustable output level control.

On Wed, Jun 3, 2009 at 6:18 PM, adastra_2001 <adastra_2001@...> wrote:

>
>
> I am waiting for the arrival of a Tigertronics USB interface for my 897.
> I've seen an occasional mention that some rigs are very sensitive on the
> mike line and need a 100k resistor in place of a jumper on the internal
> header. Is the 897 critical of levels in this manner?
> AB2ZJ
> Bennett
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26251. RE: [FT897] Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-04 02:10:43 UTC
From: Michael Walker (VA3MW)
Topic: 26249 Message: 26251

Correct.. don't run it in the Mic lead. I use one on my Remote Base and run all the audio through the data connector. Both Voice and Data (after all, what is data other than audio tones-just like voice). J

Mike

From: Thomas Wilson [mailto:wilsontp@...]
Sent: Wednesday, June 03, 2009 9:48 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Tigertronics USB

Assuming you ordered it with a 6-pin mini DIN connector (you use the DATA jack, not the mic and speaker jacks), it should work just fine without the jumper. The radio has an adjustable gain control and the Signalink has an adjustable output level control.

On Wed, Jun 3, 2009 at 6:18 PM, adastra_2001 <adastra_2001@... <mailto:adastra_2001%40yahoo.com> > wrote:

>
>
> I am waiting for the arrival of a Tigertronics USB interface for my 897.
> I've seen an occasional mention that some rigs are very sensitive on the
> mike line and need a 100k resistor in place of a jumper on the internal
> header. Is the 897 critical of levels in this manner?
> AB2ZJ
> Bennett
>
>
>

--
Tom Wilson
wilsontp@... <mailto:wilsontp%40gmail.com>
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26252. Re: Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-04 02:19:10 UTC
From: adastra_2001
Topic: 26249 Message: 26252

It was ordered with the 6 pin cable. My Visa was just charged today so I guess it is in the mail. Thanks!
AB2ZJ
>
> Correct.. don't run it in the Mic lead. I use one on my Remote Base and run
> all the audio through the data connector. Both Voice and Data (after all,
> what is data other than audio tones-just like voice). J
>
>
>
> Mike
>
>
>
>
>
> From: Thomas Wilson [mailto:wilsontp@...]
> Sent: Wednesday, June 03, 2009 9:48 PM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Tigertronics USB
>
>
>
>
>
>
>
>
>
> Assuming you ordered it with a 6-pin mini DIN connector (you use the DATA
> jack, not the mic and speaker jacks), it should work just fine without the
> jumper. The radio has an adjustable gain control and the Signalink has an
> adjustable output level control.
>
> On Wed, Jun 3, 2009 at 6:18 PM, adastra_2001 <adastra_2001@...
> <mailto:adastra_2001%40yahoo.com> > wrote:
>
> >
> >
> > I am waiting for the arrival of a Tigertronics USB interface for my 897.
> > I've seen an occasional mention that some rigs are very sensitive on the
> > mike line and need a 100k resistor in place of a jumper on the internal
> > header. Is the 897 critical of levels in this manner?
> > AB2ZJ
> > Bennett
> >

> >
> >
>
> --
> Tom Wilson
> wilsontp@... <mailto:wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26253. RE: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-06-04 05:43:43 UTC
From: Scot Jones
Topic: 26185 Message: 26253

Hi Mike.

I had my radio from them at purchase they opened up the radio to all of the freqs its capable of,, it hasn□t got 70 on there. Id be interested in hearing if they do mod yours for you.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Mike Dwyer
Sent: 28 May 2009 01:46
To: FT897@yahoogroups.com
Subject: Re: [FT897] 70MHz

Radioworld say they can do the mod for £25. I just wondered if it was worth having it done.

From: Peter Robinson <peter@...
<mailto:peter%40robinsoneurml.fsbusiness.co.uk> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Wednesday, May 27, 2009 8:28:19 AM
Subject: Re: [FT897] 70MHz

Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look for an FT-847.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: Mike Dwyer
To: FT897@yahoogroups. com
Sent: Sunday, May 24, 2009 9:21 PM
Subject: [FT897] 70MHz

Has anyone any experience with having an FT-897D modified to work the 70MHz allocations?

[Non-text portions of this message have been removed]

------------ --------- --------- --------- --------- --------- -

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09 08:53:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26254. Re: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-06-04 07:20:11 UTC
From: Richard Corfield
Topic: 26185 Message: 26254

If you can get hold of RADCOM and don't mind some building, they did the
received side of a 70MHz transverter last issue and will do the transmit
side this issue. The 897 is designed to work with transverters.

- Richard

2009/6/4 Scot Jones <scot@...>

>
>
> Hi Mike.
>
> I had my radio from them at purchase they opened up the radio to all of the
> freqs its capable of,, it hasn't got 70 on there. Id be interested in
> hearing if they do mod yours for you.
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of Mike
> Dwyer
> Sent: 28 May 2009 01:46
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] 70MHz
>
>
> Radioworld say they can do the mod for £25. I just wondered if it was worth
> having it done.
>
> _____
> From: Peter Robinson <peter@...<peter%40robinsoneurml.fsbusiness.co.uk>
>
<mailto:peter%40robinsoneurml.fsbusiness.co.uk<peter%2540robinsoneurml.fsbusiness.co.uk>>
> >
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>
> Sent: Wednesday, May 27, 2009 8:28:19 AM
> Subject: Re: [FT897] 70MHz
>
> Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look
> for an FT-847.
>
> 73 de Peter - GØFIM / AA3JN
>
> ----- Original Message -----
> From: Mike Dwyer
> To: FT897@yahoogroups. com
> Sent: Sunday, May 24, 2009 9:21 PM

> Subject: [FT897] 70MHz
>
> Has anyone any experience with having an FT-897D modified to work the 70MHz
> allocations?
>
> [Non-text portions of this message have been removed]
>
> ------------ --------- --------- --------- --------- --------- -
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09
> 08:53:00
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

26255. Re: 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 08:43:12 UTC
From: nr3r15
Topic: 26243 Message: 26255

--- In FT897@yahoogroups.com, "rlh560" <HEUSERBOB@...> wrote:
>
> Hello
> Will the FT897 operate on the 60 meter band?
> Thansk Bob
>

The FT897 will Not operate on 60 meters unless it is modified. The FT897D will.

Larry / nr3r

26256. Re: [FT897] 70MHz

Yahoo group: FT897 (2009)
Date: 2009-06-04 09:19:32 UTC
From: Chris Baker
Topic: 26185 Message: 26256

in PW a few years ago, there was a Meon transverter for 6m with details to modify it for 4m
i might just have a copy somewhere of the article(s)

Thanks

Chris g4lds

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
G4LDS@...

--- On Thu, 4/6/09, Richard Corfield <richard.corfield@...> wrote:

From: Richard Corfield <richard.corfield@...>
Subject: Re: [FT897] 70MHz
To: FT897@yahoogroups.com
Date: Thursday, 4 June, 2009, 8:20 AM

If you can get hold of RADCOM and don't mind some building, they did the
received side of a 70MHz transverter last issue and will do the transmit
side this issue. The 897 is designed to work with transverters.

- Richard

2009/6/4 Scot Jones <scot@scotjones. co.uk>

>
>
> Hi Mike.
>
> I had my radio from them at purchase they opened up the radio to all of the
> freqs its capable of,, it hasn’t got 70 on there. Id be interested in
> hearing if they do mod yours for you.
>
> From: FT897@yahoogroups. com <FT897%40yahoogroup s.com> [mailto:
> FT897@yahoogroups. com <FT897%40yahoogroup s.com>] On Behalf Of Mike
> Dwyer
> Sent: 28 May 2009 01:46
> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
> Subject: Re: [FT897] 70MHz
>
>
> Radioworld say they can do the mod for £25. I just wondered if it was worth
> having it done.

>
> _____ _____ _____ __
> From: Peter Robinson <peter@robinsoneurml .fsbusiness. co.uk<peter%40robinsoneu
rml.fsbusiness. co.uk>
> <mailto:peter% 40robinsoneurml. fsbusiness. co.uk<peter% 2540robinsoneurm l.fsbusiness.
co.uk>>
> >
> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com> <mailto:
> FT897%40yahoogroups .com <FT897%2540yahoogro ups.com>>
> Sent: Wednesday, May 27, 2009 8:28:19 AM
> Subject: Re: [FT897] 70MHz
>
> Have a look at the IFs - not a goer. If you want 70MHz in a ham rig, look
> for an FT-847.
>
> 73 de Peter - GØFIM / AA3JN
>
> ----- Original Message -----
> From: Mike Dwyer
> To: FT897@yahoogroups. com
> Sent: Sunday, May 24, 2009 9:21 PM
> Subject: [FT897] 70MHz
>
> Has anyone any experience with having an FT-897D modified to work the 70MHz
> allocations?
>
> [Non-text portions of this message have been removed]
>
> ---------- --------- --------- --------- --------- --------- -
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.338 / Virus Database: 270.12.40/2135 - Release Date: 05/26/09
> 08:53:00
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26257. Re: Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-04 14:24:18 UTC
From: ve3wmb
Topic: 26249 Message: 26257

You'll have no problems with the FT0897 and the SignalLink USB. Just wire up the internal connection block according to the instructions supplied with the 6 pin mini-din cable.

I have both the USB and SL1+ products from Tigertronics and IMHO both are excellent interfaces (I think one of the best out there). Construction is excellent and they are very reliable. The beauty of the USB model is that it is powered by the computer via the USB interface (so no extra power connection needed), and the gain controls for TX and RX audio are on the front of the device making level adjustments a lot easier than constantly fiddling with the mixer level controls on the computer. Also because it has its own high quality soundcard you don't have to worry about whether the soundcard in your computer is up to snuff for digital modes.

I have used the USB interface on Windows XP, and Mac OS and
had no problems with the OS recognizing the hardware. Its basically a plug-n-play solution.

Cheers

Michael VE3WMB / VA2NB

P.S. The beauty is that the FT-817 is electrically equivalent to the FT-897 w.r.t. CAT etc so my SignalLink USB wired for the FT-897 works with my FT-817. In fact I believe that the wiring for the 6 Pin Mini DIN is actually standardized across Ham Radio Manufacturers.

P.P.S. The usual disclaimer, no connection to Tigertronics, just an extremely satisfied, long
term customer.

--- In FT897@yahoogroups.com, "adastra_2001" <adastra_2001@...> wrote:
>
> I am waiting for the arrival of a Tigertronics USB interface for my 897. I've seen an occasional mention that some rigs are very sensitive on the mike line and need a 100k resistor in place of a jumper on the internal header. Is the 897 critical of levels in this manner?
> AB2ZJ
> Bennett
>

26258. another solution for recording (and for connecting a headset without extra cables...)

Yahoo group: FT897 (2009)
Date: 2009-06-04 22:06:42 UTC
From: Thomas Wilson
Topic: 26258 Message: 26258

I was fooling around with my setup, and I discovered a program called "Virtual Audio Cable." It's designed to allow you to route audio from one program to another on your computer, all without using a physical sound card.

Well, I just discovered another use for it: it comes with a program called "Audio Repeater." AR can route audio from one sound card to another sound card on your PC.

Why is this useful? Well, with this program, you can attach a Signalink or a second sound card to your radio and plug a PC headset in to your primary sound card. Fire up the repeater program, and now whenever you talk in to the PC mic, your voice is sent to the data port on your FT-897. If you turn on the FT-897's digital VOX, you can now QSO hands-free. You can stop the radio from transmitting by using the mute switch on your mic or pressing the "Stop" button on the audio repeater.

For recording: if the sound card hooked to your radio has a "what you hear" or a "digital mix" pin on the mixer, you can record from this source. I haven't verified whether the Signalink has this pin, yet.

If anyone is interested, I'm thinking about writing a dedicated app for this purpose: it would have a keyboard PTT toggle, and it would trigger the radio by sending a low-frequency tone to lock the VOX open.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26259. Re: Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-05 01:07:46 UTC
From: adastra_2001
Topic: 26249 Message: 26259

I am looking forward to the arrival of the unit. My concern was based on some reviews on eHam regarding the FT-450 and some other rigs. The issue was that the sensitivity of the inpt used and the output level of the Signallink USB required the use of a 100k resistor instead of the 24 gauge wire jumper. My fears have been dispelled. I hope to meet you all on PSK31 and other digital modes in the very near future.
Thank You
AB2ZJ
Bennett

-- In FT897@yahoogroups.com, "ve3wmb" <mbabineau@...> wrote:
>
> You'll have no problems with the FT0897 and the SignalLink USB. Just wire up the
> internal connection block according to the instructions supplied with the 6 pin mini-din cable.
>
> I have both the USB and SL1+ products from Tigertronics and IMHO both are
> excellent interfaces (I think one of the best out there). Construction is excellent
> and they are very reliable. The beauty of the USB model is that it is powered by
> the computer via the USB interface (so no extra power connection needed), and
> the gain controls for TX and RX audio are on the front of the device making level
> adjustments a lot easier than constantly fiddling with the mixer level controls on the
> computer. Also because it has its own high quality soundcard you don't have to
> worry about whether the soundcard in your computer is up to snuff for digital modes.
>
> I have used the USB interface on Windows XP, and Mac OS and
> had no problems with the OS recognizing the hardware. Its basically a plug-n-play
> solution.
>
> Cheers
>
> Michael VE3WMB / VA2NB
>
> P.S. The beauty is that the FT-817 is electrically equivalent to the FT-897 w.r.t. CAT etc
> so my SignalLink USB wired for the FT-897 works with my FT-817. In fact I believe that
> the wiring for the 6 Pin Mini DIN is actually standardized across Ham Radio Manufacturers.
>
> P.P.S. The usual disclaimer, no connection to Tigertronics, just an extremely satisfied, long
> term customer.
>
> --- In FT897@yahoogroups.com, "adastra_2001" <adastra_2001@> wrote:
> >
> > I am waiting for the arrival of a Tigertronics USB interface for my 897. I've seen an

occasional mention that some rigs are very sensitive on the mike line and need a 100k resistor in place of a jumper on the internal header. Is the 897 critical of levels in this manner?
> > AB2ZJ
> > Bennett
> >
>

26260. Re: [FT897] Re: Tigertronics USB

Yahoo group: FT897 (2009)
Date: 2009-06-05 01:19:22 UTC
From: Thomas Wilson
Topic: 26249 Message: 26260

FYI: I'm driving my FT-897 with a professional audio interface; these are a +4dB audio level (compared to a -10dB level on consumer gear.)

My guess is that you need the resister is when you're plugging in to the mic port, which you should NOT do with the Yaesu's, since they have a data port.

On Thu, Jun 4, 2009 at 6:07 PM, adastra_2001 <adastra_2001@...> wrote:

>
>
> I am looking forward to the arrival of the unit. My concern was based on
> some reviews on eHam regarding the FT-450 and some other rigs. The issue was
> that the sensitivity of the inpt used and the output level of the Signallink
> USB required the use of a 100k resistor instead of the 24 gauge wire jumper.
> My fears have been dispelled. I hope to meet you all on PSK31 and other
> digital modes in the very near future.
> Thank You
> AB2ZJ
> Bennett
>
> -- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "ve3wmb"
> <mbabineau@...> wrote:
> >
> > You'll have no problems with the FT0897 and the SignalLink USB. Just wire
> up the
> > internal connection block according to the instructions supplied with the
> 6 pin mini-din cable.
> >
> > I have both the USB and SL1+ products from Tigertronics and IMHO both are
> >
> > excellent interfaces (I think one of the best out there). Construction is
> excellent
> > and they are very reliable. The beauty of the USB model is that it is
> powered by
> > the computer via the USB interface (so no extra power connection needed),
> and
> > the gain controls for TX and RX audio are on the front of the device
> making level
> > adjustments a lot easier than constantly fiddling with the mixer level
> controls on the
> > computer. Also because it has its own high quality soundcard you don't
> have to
> > worry about whether the soundcard in your computer is up to snuff for
> digital modes.
> >
> > I have used the USB interface on Windows XP, and Mac OS and

> > had no problems with the OS recognizing the hardware. Its basically a
> plug-n-play
> > solution.
> >
> > Cheers
> >
> > Michael VE3WMB / VA2NB
> >
> > P.S. The beauty is that the FT-817 is electrically equivalent to the
> FT-897 w.r.t. CAT etc
> > so my SignalLink USB wired for the FT-897 works with my FT-817. In fact I
> believe that
> > the wiring for the 6 Pin Mini DIN is actually standardized across Ham
> Radio Manufacturers.
> >
> > P.P.S. The usual disclaimer, no connection to Tigertronics, just an
> extremely satisfied, long
> > term customer.
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "adastra_2001"
> <adastra_2001@> wrote:
> > >
> > > I am waiting for the arrival of a Tigertronics USB interface for my
> 897. I've seen an occasional mention that some rigs are very sensitive on
> the mike line and need a 100k resistor in place of a jumper on the internal
> header. Is the 897 critical of levels in this manner?
> > > AB2ZJ
> > > Bennett
> > >
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26261. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-05 14:26:01 UTC
From: Danny Loyd
Topic: 26243 Message: 26261

I have the older FT897 and cannot transmit on the 60 meter band. I can receive fine.

danny
KE5WDI

From: rlh560 <HEUSERBOB@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 3, 2009 7:21:56 PM
Subject: [FT897] 60 meter operation

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

[Non-text portions of this message have been removed]

26262. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-05 14:44:28 UTC
From: Thomas Wilson
Topic: 26243 Message: 26262

The good news is that you can use the software mod on the older 897's...
once you've done that, you can either program memory locations with those
frequencies, or you can manually tune them.

On Fri, Jun 5, 2009 at 7:26 AM, Danny Loyd <ke5wdi@...> wrote:

>
>
> I have the older FT897 and cannot transmit on the 60 meter band. I can
> receive fine.
>
> danny
> KE5WDI
>
> _____
> From: rlh560 <HEUSERBOB@... <HEUSERBOB%40AOL.COM>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Wednesday, June 3, 2009 7:21:56 PM
> Subject: [FT897] 60 meter operation
>
> Hello
> Will the FT897 operate on the 60 meter band?
> Thansk Bob
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26263. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-05 15:46:35 UTC
From: HEUSERBOB@AOL.COM
Topic: 26243 Message: 26263

What software mod did you use and where can I locate it?
Thanks Bob

In a message dated 6/5/2009 10:51:40 A.M. Eastern Daylight Time,
wilsontp@... writes:

software mod

**********We found the real ‘Hotel California’ and the ‘Seinfeld’
diner. What will you find? Explore WhereItsAt.com.
(http://www.whereitsat.com/#/music/all-spots/355/47.796964/-66.374711/2/Youve-Found-Where-Its-At?ncid=eml
cntnew00000007)

[Non-text portions of this message have been removed]

26264. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-05 16:39:04 UTC
From: Thomas Wilson
Topic: 26243 Message: 26264

I have not used the software mod; it doesn't work on the 897D.

It involves sending a specific CAT command to the radio which tells the
radio to write to the jumper locations in memory.

http://www.ham.dmz.ro/yaesu/ft-897-jumpers-by-software.php

This is a DOS program, and it requires you to use COM1, if I recall.
However, there's a way around that problem.. you can run the program with
the parameters to set the jumper, and it should tell you what CAT command
it's going to send. Switch over to Ham Radio Deluxe and use it to send the
CAT command manually. When I get home, I can look up the specific sequence
(I wrote it down...)

On Fri, Jun 5, 2009 at 8:46 AM, <HEUSERBOB@...> wrote:

>
>
>
>
> What software mod did you use and where can I locate it?
> Thanks Bob
>
>
>
> In a message dated 6/5/2009 10:51:40 A.M. Eastern Daylight Time,
> wilsontp@... <wilsontp%40gmail.com> writes:
>
> software mod
>
> **********We found the real ?Hotel California? and the ?Seinfeld?
> diner. What will you find? Explore WhereItsAt.com.
> (
> http://www.whereitsat.com/#/music/all-spots/355/47.796964/-66.374711/2/Youve-Found-Where
-Its-At?ncid=eml
> cntnew00000007)
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...

(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26265. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 01:44:16 UTC
From: Brian Esche
Topic: 26243 Message: 26265

The FT-897D will operate on the 60m frequencies without modification (see memories 601-605). However, the FT-897 (non-D) requires a modification to operate on 60m.

73, Brian WB9QVR

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

[Non-text portions of this message have been removed]

26266. FT-897D for satellite operation?

Yahoo group: FT897 (2009)
Date: 2009-06-05 13:27:06 UTC
From: mastertnslw
Topic: 26266 Message: 26266

Hello everyone,

New to this group, and new to amateur radio. I'm definitely looking hard at the FT-897D as the main transceiver for my base station. One of my big interests is working amateur satellites, as well as downlinking images from weather satellites.

Does anyone have any experience using this radio for working satellites? Good? Bad? Problems? Suggestions? Any feedback would be most appreciated.

Thanks very much!

Theran
K7TMD

26267. Cross-banding with the FT897D?

Yahoo group: FT897 (2009)
Date: 2009-06-02 02:35:35 UTC
From: ka9ofapancho
Topic: 26267 Message: 26267

Someone was talking about cross-banding and was wondering if it was feasible to cross-band using the FT897-D.
Is it possible to do cross-banding with the FT897D?
If so, how would I go about doing it?

Pancho - KA9OFA

26268. About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-05 04:40:11 UTC
From: G. Hopper
Topic: 26268 Message: 26268

I've been reading posts in this group for a couple of weeks and while I picked up some great advice, I haven't been able to find satisfactory answers to several specific questions. They generally relate to the accessories that I might really want to have to fully enjoy my new rig.

I plan to use the radio mostly for: travel (both local day trips and `longer' trips), for part of a group effort activating local islands for IOTA and US Islands, some `classroom' demonstrations (as part of both license classes and demonstrations to govt. officials on amateur radio), and as a second radio in my shack. I will likely use it for some digital mode stuff.

I suspect it is too heavy to take with me while hiking in the mountains (I already carry about 25-30 lbs in my pack) but if it weren't, I might bring it too!

Beyond the 897, I'm planning to purchase a LDG AT-897, a DTMF microphone, some sort of `power', and beyond that I'm just not sure what I really will need (and want.)

On the microphone, I've seen mention of two different Yaesu models: the MH-36 and the MH-59. The 59 looks like a very convenient extension of the control panel and I'm inclined to purchase that, but I sometimes tend to be overly impressed with lots of extra buttons. Any thoughts on mic choices?

On the `power', I'm trying to avoid going crazy buying accessories I'll never use and also not buying new what I can live without for a few weeks or months while I shop for a good deal on `used' versions of the same thing. I really like the idea of a power supply `built' into the radio as the FP-30 would be. I also recognize that I can haul a 25-amp switcher around too. I'm inclined to pick up a FP-30 new (when I get the radio) since I don't see them on eham or QRZ very often. What can be found for a good used price, or should I just forget it and buy new?

Batteries and the couple of other adapters that they seem to need was another vexing area. I do have a couple of larger gel cells to start with but I'm inclined to purchase aftermarket internal batteries as my experiences have been that they are often better thought out than the OEM stuff since batteries are often treated as an afterthought by the radio manufacturer. I'm a little hazy on if one NEEDS a CD24 or what convenience it provides (is it really just a fast charger?) and again I wonder if a 3rd party solution is better. Do the Yaesu batteries do better or is a particular after-market battery a better choice? Who's adapter is a must have?

I'm really sold on the LDG AT-897 and was planning on pairing that with wire dipoles and the buddi-pole depending on the situation. I can't see any reason I'd want to consider another tuner over the AT-897. Am I wrong?

I'm pretty good with a soldering iron and wire strippers so I figured I'd make my own cables, but my time is worth something and I'm not looking to waste time when someone has a

better deal on premade cables. This includes the CAT cable and interfacing to a sound card or a TNC. IS the better choice to buy them? Does Yaesu even supply a set of the connectors like Kenwood does?

Any other advice to a would-be 897D purchaser (owner)?

Thanks and 73,
Grant
KB7WSD

26269. New to the group

Yahoo group: FT897 (2009)
Date: 2009-06-02 11:18:18 UTC
From: n3zjy
Topic: 22696 Message: 26269

Hello all,

Was originally an 857D owner selling out of necessity. I am now about to become the owner of an 897D. The only thing I wanted to add right now is I was looking at the freeband pics on how to open up TX and RX and Radio Shack has a conductive ink pen that removes with acetone. This way you don't need to use a soldering iron!

Dave N3ZJY

26270. Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 23:30:12 UTC
From: k8rjl
Topic: 26270 Message: 26270

Hi All,

Getting my 897D very soon. I have heard the VOX is outstanding on this radio and I look forward to using a nice headset with it. What do you recommend? I don't necessarily need expensive if something cheap is of good quality. I'm really looking forward to the arrival of my radio. Is there a specific serial number I should look for? I am buying a new one, not used.

Thanks for the help,

Rob

26271. not getting full power out put

Yahoo group: FT897 (2009)
Date: 2009-06-01 12:56:31 UTC
From: Mujeeb.K
Topic: 26271 Message: 26271

I kept the rig ideal for one year now it is not working well i am only getting less out give some suggesion

26272. Re: [FT897] (Remote Head?)

Yahoo group: FT897 (2009)
Date: 2009-05-28 02:23:18 UTC
From: kc3vo@aol.com
Topic: 26272 Message: 26272

The FT-897 control head is not DESIGNED as a "remote" unit, but it IS possible to remove it, and fabricate cabling to enable "Remote Operation"!---Understand, of course, that this requires skill, and is NOT a YAESU recommended procedure, therefore it is not warranted. If you screw up, you are "On your own"-73, KC3VO, Bob Curry. (Years ago, I performed such an alteration to a YAESU FT-747 to make a rig for my motorcycle.)

**********Dinner Made Easy Newsletter - Simple Meal Ideas for Your Family. Sign Up Now!
(http://pr.atwola.com/promoclk/100126575x1221991367x1201443283/aol?redir=http:%2F%2Fad.doubleclick.net%2Fclk%3B215225819%3B37274678%3Bs%3Fhttp:%2F%2Frecipes.dinnermadeeasy.com%2F%3FESRC%3D622)

[Non-text portions of this message have been removed]

26274. Re: [FT897] 60 meter operation

Yahoo group: FT897 (2009)
Date: 2009-06-04 00:24:18 UTC
From: Dan Schaaf
Topic: 26243 Message: 26274

yes

Vy 73, Dan K3ZXL
http://www.k3zxl.com
----- Original Message -----
From: rlh560
To: FT897@yahoogroups.com
Sent: Wednesday, June 03, 2009 8:21 PM
Subject: [FT897] 60 meter operation

Hello
Will the FT897 operate on the 60 meter band?
Thansk Bob

[Non-text portions of this message have been removed]

26275. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 19:31:03 UTC
From: k8rjl
Topic: 26270 Message: 26275

Sorry...should have ended with below info... Newbie error!!

Rob (K8RJL) SE Michigan

--- In FT897@yahoogroups.com, "k8rjl" <hkusp.40cal@...> wrote:
>
> Hi All,
>
> Getting my 897D very soon. I have heard the VOX is outstanding on this radio and I look forward to using a nice headset with it. What do you recommend? I don't necessarily need expensive if something cheap is of good quality. I'm really looking forward to the arrival of my radio. Is there a specific serial number I should look for? I am buying a new one, not used.
>
> Thanks for the help,
>
> Rob
>

26276. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 19:50:50 UTC
From: Larry D. Barr, K5WLF
Topic: 26270 Message: 26276

I have a Heil Traveler and a Heil ProSet 5. They both work great on VOX with the FT-897D. If you ever plan on using a footswitch or handswitch (rather than VOX all the time) the ProSet 5 is a better choice, since the radio-specific adapter is made for that. WIth the Traveler, you'd have to make your own adapter to accomodate the switch. Or use the switch in the cord which I just didn't find ergonomic. A friend of mine also has a Traveler and he likes the switch just fine.

Neither headset can be called cheap, but they're extremely high quality and reasonably priced.

73,
ldb
K5WLF

k8rjl wrote:
> Sorry...should have ended with below info... Newbie error!!
>
> Rob (K8RJL) SE Michigan
>
> --- In FT897@yahoogroups.com, "k8rjl" <hkusp.40cal@...> wrote:
>> Hi All,
>>
>> Getting my 897D very soon. I have heard the VOX is outstanding on
>> this radio and I look forward to using a nice headset with it.
>> What do you recommend? I don't necessarily need expensive if
>> something cheap is of good quality. I'm really looking forward to
>> the arrival of my radio. Is there a specific serial number I
>> should look for? I am buying a new one, not used.
>>
>> Thanks for the help,
>>
>> Rob

26277. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 20:17:28 UTC
From: Tom Wright
Topic: 26270 Message: 26277

Hi Rob,

I recently purchased a very nice headset microphone, that has worked out very well for me. I also have a Yaesu FT-897D. The headsets are very reasonable. I got mine off of E-Bay from W2ENY. He has different mic. adapters for different radios, that way if you have several radios with different mic. configurations, you only have to purchase one headset. Hope this helps. goodluck and good DX.

73' de KD8DHH

On Sat, Jun 6, 2009 at 3:31 PM, k8rjl<hkusp.40cal@...> wrote:
>
>
> Sorry...should have ended with below info... Newbie error!!
>
> Rob (K8RJL) SE Michigan
>
> --- In FT897@yahoogroups.com, "k8rjl" <hkusp.40cal@...> wrote:
>>
>> Hi All,
>>
>> Getting my 897D very soon. I have heard the VOX is outstanding on this
>> radio and I look forward to using a nice headset with it. What do you
>> recommend? I don't necessarily need expensive if something cheap is of good
>> quality. I'm really looking forward to the arrival of my radio. Is there a
>> specific serial number I should look for? I am buying a new one, not used.
>>
>> Thanks for the help,
>>
>> Rob
>>
>
>

26278. Re: [FT897] not getting full power out put

Yahoo group: FT897 (2009)
Date: 2009-06-06 20:21:38 UTC
From: N. Anderson
Topic: 26271 Message: 26278

I am not getting full power either.

Mike WB2GLW

--- On Mon, 6/1/09, Mujeeb.K <vu3wii@...> wrote:

From: Mujeeb.K <vu3wii@...>
Subject: [FT897] not getting full power out put
To: FT897@yahoogroups.com
Date: Monday, June 1, 2009, 5:56 AM

I kept the rig ideal for one year now it is not working well i am only getting less out give some suggesion

[Non-text portions of this message have been removed]

26279. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 20:25:34 UTC
From: oceanbiz01
Topic: 26270 Message: 26279

Hi Rob

I use the Heil Proset Plus and it has 2 mic elements. One for DX and ne for rag chewing quality. There is a slide switch to select either mic. I get great audio reports and the VOX is perfect. Also has a built in connector for foot switch. I also have the Heil Proset standard. One mic element. Also works great. Can't go wrong with Heil.

Vy 73, Dan K3ZXL
http://www.k3zxl.com

26280. Re: [FT897] About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-06 21:12:44 UTC
From: Brian Esche
Topic: 26268 Message: 26280

Grant, please see my answers below.

73, Brian WB9QVR

I suspect it is too heavy to take with me while hiking in the mountains (I already carry about 25-30 lbs in my pack) but if it weren't, I might bring it too!

- You are correct - although one could carry it while hiking it's heavier than most would want to pack.
On the microphone, I've seen mention of two different Yaesu models: the MH-36 and the MH-59. The 59 looks like a very convenient extension of the control panel and I'm inclined to purchase that, but I sometimes tend to be overly impressed with lots of extra buttons. Any thoughts on mic choices?

- If you don't need DTMF functions there is no need to purchase the MH-36. The MH-31 that comes with the radio is quite adequate. The MH-59 is nice for remote control functions but it is really for mobile operation so that one doesn't have to reach down to the front panel of the rig. In a base or portable situation there's no real advantage to having the extra controls on the mic.
I also recognize that I can haul a 25-amp switcher around too. I'm inclined to pick up a FP-30 new (when I get the radio) since I don't see them on eham or QRZ very often. What can be found for a good used price, or should I just forget it and buy new?

- Whether or not to get an internal supply largely depends upon what you intend to do with the rig. If you're going to be taking it from one place to another where AC power is available it's probably more convenient to have the internal supply as it makes a nice convenient package. However, if the rig will be used portable most of the time the internal supply would just be 'dead weight' to carry around. If the latter situation is the case I would purchase a small external PS and use it when AC is available.

Do the Yaesu batteries do better or is a particular after-market battery a better choice? Who's adapter is a must have?

- If you're referring to the internal batteries there are really only two choices (unless you want to home brew something): Yaesu's FNB-78 or W4RT's OPP-897. For either pack you will need either Yaesu's CD-24 charger or the W4RT OFC-897 charger. In my opinion the batteries from both sources seem to have about the same characteristics so I don't see any advantage either way. However, unless you REALLY want the convenience of the internal batteries I would go with some sort of external battery. The Yaesu/W4RT packs are only 4.5 Ah each and by the time you've purchased two packs (to provide 9 Ah capacity) and the charger you will have invested at least $270 (more for the Yaesu gear). That's a lot of money for 9 Ah of battery power. One can purchase 7 Ah gel cells for around $25-30 and a small charger for around that same price. Also, I've found that both the Yaesu and W4RT

packs tend to self-discharge rather quickly (in a couple of weeks) so it's necessary to keep them topped off. To sum up - you'll get a LOT more bang for the buck if you use external batteries - they just aren't as 'elegant' a solution as the internal ones.

I'm really sold on the LDG AT-897 and was planning on pairing that with wire dipoles and the buddi-pole depending on the situation. I can't see any reason I'd want to consider another tuner over the AT-897. Am I wrong?

- The LDG tuners are very good. If you plan to purchase a tuner that will be used only with the '897 then the AT-897 is a good choice. If you think, however, that you might want to use a different rig at some point the future you could purchase one of the other more rig-agnostic models which will of course still work just fine with the '897. The AT-897 has the advantage of being able to bolt onto the rig which does make a fairly nice package for portable use. However, it goes without saying (even though I'm saying it here) that it would be best to use resonant antennae if at all possible to avoid the losses in the tuner and in the coax in high SWR conditions. I'm not saying that a tuner is bad but it's worth remembering that 'antenna tuners' don't really tune the antenna - they just make the transmitter happy.

This includes the CAT cable and interfacing to a sound card or a TNC. IS the better choice to buy them? Does Yaesu even supply a set of the connectors like Kenwood does?
- No, Yaesu doesn't supply the connectors. However, there are a number of sources on the web (including eBay) where one can buy pre-made CAT and TNC cables for very little money. Personally I'm not a big fan of trying to solder wires to those mini-DIN connectors so I found it easier to part with a few dollars for the pre-built cables rather than do it myself.

Thanks and 73,
Grant
KB7WSD

..

[Non-text portions of this message have been removed]

26281. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 21:14:13 UTC
From: k8rjl
Topic: 26270 Message: 26281

Thanks for all the quick replies. I've been checking out all of the above items. Now I just need to pick one that would be good for my BIG ears so they don't get sore after an hour of use. That seems to be the issue for me, finding a pair of phones to fit my ears.

Rob (K8RJL) SE Michigan

26282. Re: [FT897] not getting full power out put

Yahoo group: FT897 (2009)
Date: 2009-06-06 21:41:19 UTC
From: Randy Charles Ford
Topic: 26271 Message: 26282

How are you measuring your power? Are you using a meter into a dummy load? What modes are you using while measuring it? Are the meter and dummy load accurate for the frequencies you are measuring? What bands have a problem. Have you tried using a different meter and different cables? If you are not using a dummy load, could there be a problem with your antenna or cabling?

We can't help very much without more information. Please let us know more so we can help.

73,
kg4jix - randy.

On Monday 01 June 2009 07:56:31 Mujeeb.K wrote:
> I kept the rig ideal for one year now it is not working well i am only
> getting less out give some suggesion

26283. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 02:07:48 UTC
From: Larry D. Barr, K5WLF
Topic: 26270 Message: 26283

I'd say the Heil ProSet would be the one. The Traveler doesn't have a full earcup. Although you can modify it to use the ProSet replacement earcups if you build a plastic adapter plate as I did. ProSet's still the best though.

73,
ldb
K5WLF

k8rjl wrote:
> Thanks for all the quick replies. I've been checking out all of the
> above items. Now I just need to pick one that would be good for my
> BIG ears so they don't get sore after an hour of use. That seems to
> be the issue for me, finding a pair of phones to fit my ears.
>
> Rob (K8RJL) SE Michigan

26284. Re: [FT897] not getting full power out put

Yahoo group: FT897 (2009)
Date: 2009-06-07 04:45:59 UTC
From: kc3vo@aol.com
Topic: 26271 Message: 26284

"Full Power"? do you know how to measure the power, and do you have the proper equipment? I find that many operators do NOT have proper equipment to measure AM or SSB power, nor do they understand how this power SHOULD be measured, or why! If you use a cheap CW/FM type RF power meter, a properly operating 100 watt SSB transmitter will normally indicate about 30-35 watts when actually putting out 100 watts of voice modulated SSB signal! WHY only 30-35 watts? Because you are NOT using the correct meter! To see the true power, 100 watts, a more expensive, PEAK-READING RF power meter, such as the BIRD 43P is needed, because the power is composed of short duration PEAKS that cannot be correctly captured and displayed on a CW/FM meter. IF the radio is OK, using this cheaper meter WILL show about 100 watts power if you use FM or CW mode on the radio, instead of SSB or AM to check the power. Further information regarding this issue may be found in the ARRL amateur radio handbook.--73, KC3VO, Bob Curry

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[Non-text portions of this message have been removed]

26285. Re: [FT897] Cross-banding with the FT897D?

Yahoo group: FT897 (2009)
Date: 2009-06-07 04:54:39 UTC
From: Thomas Wilson
Topic: 26267 Message: 26285

No, you can't cross-band with the 897. You could if you attached another radio via the data connector, but you'd have to custom fabricate a cable that uses the squelch line to activate the TX on the other rig, or you'd have to have VOX on both rigs.

On Mon, Jun 1, 2009 at 7:35 PM, ka9ofapancho <adoneis@...> wrote:

>
>
> Someone was talking about cross-banding and was wondering if it was
> feasible to cross-band using the FT897-D.
> Is it possible to do cross-banding with the FT897D?
> If so, how would I go about doing it?
>
> Pancho - KA9OFA
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26286. Re: [FT897] About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-07 05:24:13 UTC
From: Thomas Wilson
Topic: 26268 Message: 26286

I'm gonna echo what Brian said, for the most part.

The 897 is a nice radio, but choose your options with care:

Batteries: when you can get a 20 Ah jump-start pack, complete with 200 watt inverter, for $100, it doesn't make sense to buy the internal batteries. You're limited to 20 watts on internal power anyway, so pick up a jump start pack and a second power cable. Attach a set of PowerPole connectors to the jump start kit, and you can go portable pretty easily. Alternately, you could source some 6v cells and mount them inside, but connect them to the external power connector, NOT the internal connector. Pick up a small auto-charger to charge the batteries. (I use a Black & Decker auto-charger. It peaks the batteries and then switches to a small maintenance charge.)

Power supply: This is one area where I'm strongly considering getting the attachable power supply. It just makes sense, and it's one less thing to clutter up my shack. Right now, I'm using a Westcom 35 amp power supply; but there are some small 25A switchers that will work fine... I just like the headroom.

Tuner: I use an LDG Z-100 Pro tuner. You can piggyback the power connector; one less cable to run. Any good tuner will do; don't get the Yaesu tuner; it can only match a 3:1 or less SWR; it's not for running "out of band" antennas; it's for fine-tuning the match on bands where the antenna's SWR bandwidth is smaller than the band's coverage (such as the 3.5 Mhz 80/75 meter band.)

Mic: I bought the MH-59, mostly because it gives me shortcuts for IPO (disables the RF preamp), Attenuator, and RF power controls. I can also scan the band by just holding the "up" control for 2 seconds, and I can direct key frequencies. In all, I think it's a good purchase. But definitely turn the SSB gain down to about 10 and enable the speech processor.

Speaker: I use a small external speaker (actually the center-channel speaker from a cheap surround-sound system.) It definitely makes things sound better than the internal speaker.

Finally: amplifiers. About 75% of the time, if I can hear a station (at *any * power level), they can hear me. Keep in mind that a 400 watt linear is only 1 s-unit of extra signal, but that 1 s-unit might also make the difference in a pileup. The key consideration there is going to be your operating location. If you're going to deploy this for portable ops, consider a small solid-state amp. If you're going to be stationary, then you can certainly hook up a big gun. But also remember that $1 of antenna is worth $10 of amplifier... I'd start by optimizing my antenna system before

looking at power. A good antenna helps your receive and your send.. and if you can't hear it, you can't work it.

I can't comment much on portable antennas, yet. But I'm working on some ideas. :)

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26287. Re: [FT897] Cross-banding with the FT897D?

Yahoo group: FT897 (2009)
Date: 2009-06-07 05:38:16 UTC
From: Randy Charles Ford
Topic: 26267 Message: 26287

Do you mean cross-band split operation, or cross-band repeat?

73,
kg4jix - randy.

On Monday 01 June 2009 21:35:35 ka9ofapancho wrote:
> Someone was talking about cross-banding and was wondering if it was
> feasible to cross-band using the FT897-D. Is it possible to do
> cross-banding with the FT897D?
> If so, how would I go about doing it?
>
> Pancho - KA9OFA

26288. Re: [FT897] Cross-banding with the FT897D?

Yahoo group: FT897 (2009)
Date: 2009-06-07 05:43:05 UTC
From: Thomas Wilson
Topic: 26267 Message: 26288

Oh, duh... guess that's a good question

The radio is not capable of cross-band repat, but you can send and receive on two separate bands easily enough: just use the split function and set VFO A and B to any two frequencies the radio is capable of working.

On Sat, Jun 6, 2009 at 10:38 PM, Randy Charles Ford <kg4jix@...> wrote:

>
>
> Do you mean cross-band split operation, or cross-band repeat?
>
> 73,
> kg4jix - randy.
>
>
> On Monday 01 June 2009 21:35:35 ka9ofapancho wrote:
> > Someone was talking about cross-banding and was wondering if it was
> > feasible to cross-band using the FT897-D. Is it possible to do
> > cross-banding with the FT897D?
> > If so, how would I go about doing it?
> >
> > Pancho - KA9OFA
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26289. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 11:58:41 UTC
From: nr3r15
Topic: 26270 Message: 26289

--- In FT897@yahoogroups.com, "k8rjl" <hkusp.40cal@...> wrote:
>
> Hi All,
>
> Getting my 897D very soon.

Rob, hands down the Heil is the best if you can see your way with the money. They are not inexpensive but very very good and the support is the best. I have both the "Travler headset, duel side and the "Pro set plus".....they are both good for VOX. If you have "big ears" as you say, I may lean towards the Pro set, that unit has larger ear cups.

Larry / nr3r

26290. Re: About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-07 13:25:16 UTC
From: tenorman1952
Topic: 26268 Message: 26290

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> I'm gonna echo what Brian said, for the most part.
>
> The 897 is a nice radio, but choose your options with care:
>
> Batteries: when you can get a 20 Ah jump-start pack, complete with 200 watt
> inverter, for $100,

Agree 100%. I ran my 897 at 100 w SSB in the park from my Husky Power Center (also makes cappucino) for 2 hours one afternoon. I did what Tom suggested, made a pigtail coming out, directly connected to the battery, with PowerPoles. I bought a 10 ga power cable on eBay, but same is available from www.powerwerx.com, and put PowerPoles on that, too.

I have the LDG AT-897 tuner, Yaesu FP-30 power supply, and could not be happier.

I installed a BHI, Inc. DSP internally in the 897, but if I had to do over again, I'd just get the West Mountain Radio CLR-SPKR (using this now with an Icom 718), which has its own 2w audio amp and a great DSP. In fact, the DSP sounds the same as the BHI I have in the 897. The 897 benefits greatly from both a larger, better speaker and a better DSP. I added to the mix a West Mountain #4008 RigRunner to plug everything in. I suppose you could rig up a pigtail coming out of the FP-30 to run the CLR-SPKR. Many radios benefit from an external speaker.

I didn't have any use for the MH-36 mic with my 897, as it is used as a base station, not mobile, and traded it for a spare MH-31 (the plain jane regular mic). I don't plan on buying a MH-59 either.

Another good accessory, the LDG FT-Meter. EXCELLENT! How did I do without that? Worth every penny. Go on and buy the RigRunner so that you have a place to plug in the FT-Meter backlight and CLR-SPKR. The CLR-SPKR comes with a power cable with PowerPoles. You can buy a cable with PowerPoles for the Meter's backlight from West Mountain or make up one yourself with a Philmore 210.

http://www.westmountainradio.com/rigrunner/ppl-18.htm

All in all, the 897 is an excellent radio.

Paul - AE5JU

26291. Re: About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-07 13:50:01 UTC
From: oceanbiz01
Topic: 26268 Message: 26291

The only problem with the Audio DSP is that you get AGC pumping from nearby strong signals. The correct DSP to have is IF DSP and I don't know if there is an add-on kit or add-on modification for IF DSP. The radio already has Audio DSP, so you don't need to buy another external speaker with DSP.

Dan K3ZXL

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> --- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@> wrote:
> >
> > I'm gonna echo what Brian said, for the most part.
> >
> > The 897 is a nice radio, but choose your options with care:
> >
> > Batteries: when you can get a 20 Ah jump-start pack, complete with 200 watt
> > inverter, for $100,
>
> Agree 100%. I ran my 897 at 100 w SSB in the park from my Husky Power Center (also makes cappucino) for 2 hours one afternoon. I did what Tom suggested, made a pigtail coming out, directly connected to the battery, with PowerPoles. I bought a 10 ga power cable on eBay, but same is available from www.powerwerx.com, and put PowerPoles on that, too.
>
> I have the LDG AT-897 tuner, Yaesu FP-30 power supply, and could not be happier.
>
> I installed a BHI, Inc. DSP internally in the 897, but if I had to do over again, I'd just get the West Mountain Radio CLR-SPKR (using this now with an Icom 718), which has its own 2w audio amp and a great DSP. In fact, the DSP sounds the same as the BHI I have in the 897. The 897 benefits greatly from both a larger, better speaker and a better DSP. I added to the mix a West Mountain #4008 RigRunner to plug everything in. I suppose you could rig up a pigtail coming out of the FP-30 to run the CLR-SPKR. Many radios benefit from an external speaker.
>
> I didn't have any use for the MH-36 mic with my 897, as it is used as a base station, not mobile, and traded it for a spare MH-31 (the plain jane regular mic). I don't plan on buying a MH-59 either.
>
> Another good accessory, the LDG FT-Meter. EXCELLENT! How did I do without that? Worth every penny. Go on and buy the RigRunner so that you have a place to plug in the FT-Meter backlight and CLR-SPKR. The CLR-SPKR comes with a power cable with PowerPoles. You can buy a cable with PowerPoles for the Meter's backlight from West Mountain or make up one yourself with a Philmore 210.
>
> http://www.westmountainradio.com/rigrunner/ppl-18.htm

>
> All in all, the 897 is an excellent radio.
>
> Paul - AE5JU
>

26292. RE: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 14:45:15 UTC
From: Randall
Topic: 26270 Message: 26292

Just wondering, Can the Heil Pro set headset, single side be used with the ear cup on either the right or left ?
All the pictures I've seen show the left side.

Thanks

Randall
N0UTJ

26293. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 15:05:09 UTC
From: Lew Phelps K6LMP
Topic: 26270 Message: 26293

Not sure about Pro model, but Traveler model (which I have) can be
worn on either ear.

lew K6LMP

On Jun 7, 2009, at 7:45 AM, Randall wrote:

>
>
>
>
> Just wondering, Can the Heil Pro set headset, single side be used
> with the
> ear cup on either the right or left ?
> All the pictures I've seen show the left side.
>
> Thanks
>
> Randall
> N0UTJ
>
> _

[Non-text portions of this message have been removed]

26294. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 20:15:12 UTC
From: k8rjl
Topic: 26270 Message: 26294

Now that I have been thinking about it, I am going to need something that allows me to hear whats going on around me while working the bands. So my choice is the Traveler single side. It appears there is a new "improved" model that is out now. I am a casual HF operator and do not do contesting so I think based on the reviews from eham.net, I will happy with the choice. We shall see how much it squishes my ears..lol

Rob (K8RJL) SE Michigan

26295. Basic Electronics Tutorials

Yahoo group: FT897 (2009)
Date: 2009-06-08 06:37:15 UTC
From: Rossco
Topic: 26240 Message: 26295

G'day to you all

This is a bit "off subject" but maybe there will be a few good answers forthcoming.

I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.

I have visited several sites but they all seem a bit too disjointed or lacking in structure.

I would appreciate a link to any good sites our members may have visited and can recommend.

Thanks

RosscO VK4AQ

26296. Re: Basic Electronics Tutorials

Yahoo group: FT897 (2009)
Date: 2009-06-08 12:13:20 UTC
From: ve3wmb
Topic: 26240 Message: 26296

I would suggest that you try Googling "Elmer 101".

This was a collective project that was run via the QRP-L online QRP list many years ago and is designed to help teach electronic theory and practice through the step-by-step building of the Small Wonder Labs SW40+ mono-band QRP CW transceiver kit. The kits can be purchased from SWL at www.smallwonderlabs.com.

Cheers,

Michael VE3WMB

P.S. You can try the following link for starters :

http://www.qsl.net/kf4trd/faq.html

--- In FT897@yahoogroups.com, "Rossco" <vk4aq@...> wrote:
>
> G'day to you all
>
> This is a bit "off subject" but maybe there will be a few good answers forthcoming.
>
> I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.
>
> I have visited several sites but they all seem a bit too disjointed or lacking in structure.
>
> I would appreciate a link to any good sites our members may have visited and can recommend.
>
> Thanks
>
> RosscO VK4AQ
>

26297. Re: Basic Electronics Tutorials

Yahoo group: FT897 (2009)
Date: 2009-06-08 13:26:49 UTC
From: olliewhy
Topic: 26240 Message: 26297

--- In FT897@yahoogroups.com, "Rossco" <vk4aq@...> wrote:
>
> G'day to you all
>
> This is a bit "off subject" but maybe there will be a few good answers forthcoming.
>
> I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.
>
> I have visited several sites but they all seem a bit too disjointed or lacking in structure.
>
> I would appreciate a link to any good sites our members may have visited and can recommend.
>
> Thanks
>
> RosscO VK4AQ
>

Try: electronics-tutorials.com Then scroll down and on the
left you will see Directory of Topics. Then click on Basic electronics. Hope this helps.
Ollie Whyte k0lqk

26298. Re: About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-08 13:34:16 UTC
From: tenorman1952
Topic: 26268 Message: 26298

--- In FT897@yahoogroups.com, "oceanbiz01" <dan-schaaf@...> wrote:
>
> The only problem with the Audio DSP is that you get AGC pumping from nearby strong signals. The correct DSP to have is IF DSP and I don't know if there is an add-on kit or add-on modification for IF DSP. The radio already has Audio DSP, so you don't need to buy another external speaker with DSP.
>
> Dan K3ZXL

It would be very difficult to add an IF DSP.

The BHI or West Mountain DSP's are both much better performers than the 897's DSP. The addition of the BHI DSP has made it a whole new radio.

In the AE5JU folder in the Files section you will find a subfolder of sound file I recorded of the BHI DSP installed in my 897. The West Mountain Radio CLR-SPKR's DSP works similarly.

Paul - AE5JU

26299. Re: [FT897] Re: About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-08 13:39:34 UTC
From: Jim C
Topic: 26268 Message: 26299

It would have been nice if Yeasu had included DSP in the radio. I find
it hard to listen to it for any length of time

tenorman1952 wrote:
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "oceanbiz01" <dan-schaaf@...> wrote:
> >
> > The only problem with the Audio DSP is that you get AGC pumping from
> nearby strong signals. The correct DSP to have is IF DSP and I don't
> know if there is an add-on kit or add-on modification for IF DSP. The
> radio already has Audio DSP, so you don't need to buy another external
> speaker with DSP.
> >
> > Dan K3ZXL
>
> It would be very difficult to add an IF DSP.
>
> The BHI or West Mountain DSP's are both much better performers than
> the 897's DSP. The addition of the BHI DSP has made it a whole new radio.
>
> In the AE5JU folder in the Files section you will find a subfolder of
> sound file I recorded of the BHI DSP installed in my 897. The West
> Mountain Radio CLR-SPKR's DSP works similarly.
>
> Paul - AE5JU
>
>

26300. Re: About to purchase FT-897D, need some advice on which accessories are important

Yahoo group: FT897 (2009)
Date: 2009-06-08 13:52:56 UTC
From: oceanbiz01
Topic: 26268 Message: 26300

The External Audio DSP, BHI or West Mountain radio might make an improvement, but it still does not prevent the AGC pumping. The AGC pumping can only be solved by IF DSP and possibly a roofing filter. This radio was designed with budget in mind and before IF DSP was reaily available for small footprint radios.

If you not a contester or avid DXer trying to work DXPeditions, the audio DSP is probably enough.

Dan K3ZXL

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> --- In FT897@yahoogroups.com, "oceanbiz01" <dan-schaaf@> wrote:
> >
> > The only problem with the Audio DSP is that you get AGC pumping from nearby strong signals. The correct DSP to have is IF DSP and I don't know if there is an add-on kit or add-on modification for IF DSP. The radio already has Audio DSP, so you don't need to buy another external speaker with DSP.
> >
> > Dan K3ZXL
>
> It would be very difficult to add an IF DSP.
>
> The BHI or West Mountain DSP's are both much better performers than the 897's DSP. The addition of the BHI DSP has made it a whole new radio.
>
> In the AE5JU folder in the Files section you will find a subfolder of sound file I recorded of the BHI DSP installed in my 897. The West Mountain Radio CLR-SPKR's DSP works similarly.
>
> Paul - AE5JU
>

26301. Re: audio & IF DSP

Yahoo group: FT897 (2009)
Date: 2009-06-08 15:46:46 UTC
From: Thomas Wilson
Topic: 26301 Message: 26301

On the subject of audio DSP.

Is anyone using an audio DSP program on the PC? I'd love to hear if there's something free or reasonably priced (< $100) out there that works as well or better than the FT-897's DSP. Bonus points if the software has the ability to direct microphone audio back to the radio on a separate sound card.

On Mon, Jun 8, 2009 at 6:52 AM, oceanbiz01 <dan-schaaf@...> wrote:
>
>
> The External Audio DSP, BHI or West Mountain radio might make an improvement, but it still does not prevent the AGC pumping. The AGC pumping can only be solved by IF DSP and possibly a roofing filter. This radio was designed with budget in mind and before IF DSP was reaily available for small footprint radios.
>
> If you not a contester or avid DXer trying to work DXPeditions, the audio DSP is probably enough.

[Non-text portions of this message have been removed]

26302. Re: [FT897] Basic Electronics Tutorials: powerpoint slides

Yahoo group: FT897 (2009)
Date: 2009-06-08 17:43:52 UTC
From: Roger Sale
Topic: 26302 Message: 26302

Hi,
I can supply a link to a website that has structured course material on PowerPoint slides, these are for use in studying the UK amateur licenses so you will have to consider what applies to your country, but the electronic theory remains the same regardless of your location. (I see you are VK)
I used them to help pass my advanced exam, but of course I cannot verify there accuracy in total.
They are relevant to the 3 classes of licence in the UK and of course are free since they are in the public domain.
I am not a member of the club that hosts the website so can't really comment on that part, except to say they were helpful to me. Here is the link:
http://www.g0mwt.org.uk/training/courses/
73 de
Roger
MØHRR

----- Original Message -----
From: Rossco
To: FT897@yahoogroups.com
Sent: Monday, June 08, 2009 7:37 AM
Subject: [FT897] Basic Electronics Tutorials

G'day to you all

This is a bit "off subject" but maybe there will be a few good answers forthcoming.

I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.

I have visited several sites but they all seem a bit too disjointed or lacking in structure.

I would appreciate a link to any good sites our members may have visited and can recommend.

Thanks

RosscO VK4AQ

[Non-text portions of this message have been removed]

26303. Re: Basic Electronics Tutorials: powerpoint slides

Yahoo group: FT897 (2009)
Date: 2009-06-09 13:36:37 UTC
From: tenorman1952
Topic: 26302 Message: 26303

--- In FT897@yahoogroups.com, "Roger Sale" <roger_h_sale@...> wrote:
>
> Hi,
> I can supply a link to a website that has structured course material on PowerPoint slides, these are for use in studying the UK amateur licenses so you will have to consider what applies to your country, but the electronic theory remains the same regardless of your location. (I see you are VK)

Roger, not for the UK, but here is a site with classes for the USA. I know this does not help Rossco, but it may help others looking for similar classes here in the USA. There are no copyright or licensing problems. The club that put this together offers it for others to use.

http://www.w5ddl.org/techppt/chapter_pps.htm

All classes are in PowerPoint, in the first zip file link at the top of the page. Also separately further down the page. The classes are tailored for the USA's test question pool. For me these were most helpful, and helped me get from 80-85% to 95-100% on the various online practice tests. When I actually took the test, I scored 35/35, or 100%. It gave me enough confidence, before studying for the test, to also study for the next licence class, the General, which I also passed at the same test session.

I understand that Rossco is looking for something more aimed toward electronic theory.

73
Paul - AE5JU

26304. Re: [FT897] Re: Basic Electronics Tutorials: powerpoint slides

Yahoo group: FT897 (2009)
Date: 2009-06-09 15:55:29 UTC
From: Larry D. Barr
Topic: 26302 Message: 26304

You might like this site:

http://www.ibiblio.org/kuphaldt/electricCircuits/

It's a collection of six electronic theory books. Available for free
download in .PDF format.

73,
ldb
K5WLF

tenorman1952 wrote:
> --- In FT897@yahoogroups.com, "Roger Sale" <roger_h_sale@...> wrote:
>> Hi, I can supply a link to a website that has structured course
>> material on PowerPoint slides, these are for use in studying the UK
>> amateur licenses so you will have to consider what applies to your
>> country, but the electronic theory remains the same regardless of
>> your location. (I see you are VK)
>
> Roger, not for the UK, but here is a site with classes for the USA.
> I know this does not help Rossco, but it may help others looking for
> similar classes here in the USA. There are no copyright or licensing
> problems. The club that put this together offers it for others to
> use.
>
> http://www.w5ddl.org/techppt/chapter_pps.htm
>
> All classes are in PowerPoint, in the first zip file link at the top
> of the page. Also separately further down the page. The classes are
> tailored for the USA's test question pool. For me these were most
> helpful, and helped me get from 80-85% to 95-100% on the various
> online practice tests. When I actually took the test, I scored
> 35/35, or 100%. It gave me enough confidence, before studying for
> the test, to also study for the next licence class, the General,
> which I also passed at the same test session.
>
> I understand that Rossco is looking for something more aimed toward
> electronic theory.
>
> 73 Paul - AE5JU

26305. Thanks for all the helpful advice!

Yahoo group: FT897 (2009)
Date: 2009-06-10 17:24:15 UTC
From: G. Hopper
Topic: 26268 Message: 26305

Well, I wanted to post a thank you to all of you that replied either directly, or through the list. All your comments were helpful and I'm pretty happy with my new acquisitions.

I had one suggestion to not purchase the LDG AT-897 and instead get the Z-11Pro, which after I looked at it, seemed like a better choice. Unfortunately, I had placed the order an hour before I got the email on Saturday. :(

I do want to note that I had some difficulty attaching the AT-897 to the radio as the holes were slightly off, and would have caused the screws to bind in the FT-897 case (which I didn't want to happen.) I ended up elongating the holes to make it fit properly.

On the subject of the tuner, I had expected the tuner to be longer than the radio (as per several comments from this group and eHam)but the more I look at it, the more it seems dumb that it was designed that way as it makes the whole tuner (front and back) much more vulnerable, and prevents a person from setting the radio down on its back (which Yaesu anticipated - at least as far as those ears on the rear indicate.)

After looking over the project where someone (who's call I can't locate at the moment) put an AT-897 into a FC-30 case, I started thinking about a modification to the AT-897 case to protect it better. If I do anything with that I'll make sure to take pictures for the group.

Lastly, does anyone know of a source for right angle PL-259 plugs? Not the ones that have the plastic hood, but all metal ones. I found some in New Zealand, but I'd really rather buy local....

26306. Oh, almost forgot that I wanted to comment on battery advice.

Yahoo group: FT897 (2009)
Date: 2009-06-10 17:32:23 UTC
From: G. Hopper
Topic: 26268 Message: 26306

I spent some time looking at cost and convenience on the battery front and concluded that at least for most operation from battery power, A "power station" type setup is really a great idea.

I have one used mostly for helping neighbors to jump their cars and I am thinking about opening it up to install a couple of pairs of Anderson powerpoles. I also have a pair of 35Ah Sealed lead acid batteries used as portable power for a 2M station. I'm not sure I can pull 22A from the pair and have them be happy, but I'm sure they will supply sufficient current at the 20W level to live a long happy life.

I have a friend who is a tech at a local test equipment manufacturer who can get all the NiMH batteries I could use. He was talking about making up a custom internal battery. Now, if I just had the TIME for all these great projects.

Thanks again to all and 73,

Grant
KB7WSD

26307. ft-897 very low sensitivty on 70 cm

Yahoo group: FT897 (2009)
Date: 2009-06-11 10:43:55 UTC
From: darrenls21
Topic: 26307 Message: 26307

I've never been much for uhf but and in the other bands it's fine but for some reason it's as deaf as a post on 70cm. I first noticed when my local repeater was giving me a signal of only 4/7 and i'm 15 minutes walk from it. I put it down to my antenna which was a co-linear. I've since replaced it with a 6 element quad and i tried to work it in a local contest. I hear one station endstopping but another station was end stopping but fading to nothing in and out, though he was spinning his beam. two other stations were trying to work me and could hear me at 5/9 but i couldn't hear them. one was very wuiet and the other i couldn't hear at all. Is this a common problem and does anyone know of a fix.

Thanks

26308. Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-11 16:05:22 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26308

I seem to have lost the ability to communicate between my FT-897 CAT port and my Mac.

This affects my ability to use Don Agro's splendid MacLoggerDX program, among other things.

Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set to CAT. CAT baud rate 9600, but I have tried them all.

Settings on MacLogger DX preferences are Port Type = Serial, Keyspan converter selected as a port, 9600 baud, 1 stop, FT897 selected as rig, DTR and RTS boxes checked, hardware delay 0,

I have downloaded and installed the latest update of MacLoggerDX, but the problems started before then. I have reinstalled the Keyspan driver. I have two CT-62 cables, and I have tried swapping them. I have two USB-Serial converters (Keyspan and IOGear), and I have tried both of them. They both show up (when connected) on the pulldown list of ports. Both converters work OK when connected to other devices, including a TNC. Both show up properly when I run System Profiler.

I'm scratching my head at this point. It "feels" like a hardware failure in the CAT port.

Any suggestions?

Thanks,

Lew K6MP

26309. tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 16:39:44 UTC
From: n3zjy
Topic: 26309 Message: 26309

Is there an option that drops the power down for tuning like the 857D has. I saw a file in the files section but it when I run it it's as if it doesn't exist.

Dave N3ZJY

26310. Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 17:07:47 UTC
From: ki6abz
Topic: 26309 Message: 26310

--- In FT897@yahoogroups.com, "n3zjy" <jdkopke@...> wrote:
>
> Is there an option that drops the power down for tuning like the 857D has. I saw a file in the files section but it when I run it it's as if it doesn't exist.
>
> Dave N3ZJY
>

I'd like to see something like that, too. When I use Ham Radio Deluxe, I just use the power control slider to drop the transmit power to its lowest level while tuning and doing SWR checks, then turn it back up to TX. But that's not an ideal choice...

The 857 and 897 are similar... How do you do it on the 857?

26311. Re: [FT897] Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 17:21:43 UTC
From: Lew Phelps K6LMP
Topic: 26309 Message: 26311

There's an easy way to do this. I don't have time to look up the URL right now, but I will find it and post it later today. Basically, it's a small project box that puts a low voltage on the inner ring of a plug that goes into the accessory jack. The 897 is designed so that the more voltage you put onto that ring, the more it reduces power output. Its primary use was to crank power output down for use with linear amplifiers, but it works well for tuning the rig barefoot. I made one, and it works fine. Basically a battery and a potentiomenter, plus a short length of wire and a "stereo" mike plug.

There's also a hardware mod that somebody has on the Internet, but it requires soldering some components in very tight quarters, and I didn't feel up to trying it.

cheers,

Lew K6LMP

>

26312. Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 17:36:54 UTC
From: ki6abz
Topic: 26309 Message: 26312

--- In FT897@yahoogroups.com, "n3zjy" <jdkopke@...> wrote:
>
> Is there an option that drops the power down for tuning like the 857D has. I saw a file in the files section but it when I run it it's as if it doesn't exist.
>

Also, that program is a DOS program; depending on your setup, it will likely flash on your screen and then disappear. It also requires the radio to be set to 9600 baud.

That program doesn't give you anything you can't get with a decent CAT program; it looks like it just sends the CAT commands to switch to AM/5w, displays the SWR, and then switches back to the previously selected mode/power level.

I'm going to spend some more time with Ham Radio Deluxe this weekend; I'm thinking of setting up macro buttons for specific modes: USB/50 for PSK, LSB/100 and USB/100 for phone, and AM/5 for tuning.

26313. Re: [FT897] Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 18:03:33 UTC
From: Thomas Wilson
Topic: 26309 Message: 26313

This is the "one touch tuner" (from the files section here...)
http://f1.grp.yahoofs.com/v1/IEYxSp4V1nkDJI1XGYCT568ii8Mc5kIYLeyKG0rSMMzrAWF0Ga8WF7eoUVhyO4CQthg4ftV1HvBqcZj0EdYxET9wan0MqA/DF1QQ_tuning_box_version2_for_ft_897.gif

Here's something else, too:

http://www.w4wb.com/Manuals/OTT-897-Manual.pdf

Also, the LDG YT-100 has built in CAT control to automatically tune the rig.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26314. Re: [FT897] Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-11 18:13:16 UTC
From: Lew Phelps K6LMP
Topic: 26309 Message: 26314

Yah, that's the one I was referring to. I have made one of these, and it works fine. Just make sure the plug is all the way into the jack before you turn it on. Otherwise, it will put voltage into the rig in places you won't want it to go.

Lew K6LMP

On Jun 11, 2009, at 11:03 AM, Thomas Wilson wrote:

>
>
> This is the "one touch tuner" (from the files section here...)
> http://f1.grp.yahoofs.com/v1/IEYxSp4V1nkDJI1XGYCT568ii8Mc5kIYLeyKG0rSMMzrAWF0Ga8WF7eoUVhyO4CQthg4ftV1HvBqcZj0EdYxET9wan0MqA/DF1QQ_tuning_box_version2_for_ft_897.gif
>
> t portions of this message have been removed]
>
>
> _

[Non-text portions of this message have been removed]

26315. QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-12 16:23:09 UTC
From: Steve Yates
Topic: 26315 Message: 26315

I have blown the diode three times in my homebrew QRP watt meter when using my FT-897D at 5 Watts. I suspect that on CW the power output may be spiking for a few cycles at a higher power when the transmitter first comes up, especially if the power control only adjusts the ALC. On a second receiver it sounds like this may be happened although it could just be the AGC action of the receiver.

My oscilloscope bit the dust so I wonder if any else has a way to check this on thier rig? Maybe transmit into a 50 ohm load and observe the voltage waveform on the scope. A real PEP wattmeter may be fast enough to catch it. Or maybe someone has already noticed this problem. I've known other rigs to do this.

It could just be a coincidence that the diodes blow out with the FT-897D but they've never had a problem with them for ten years before then.

Please, no "Life is too short for QRP" nonsense.

73,
Steve - AA5TB

26316. Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-13 01:59:41 UTC
From: Timothy Seeley
Topic: 26309 Message: 26316

HRD has a tune function under Tools, called "tune up" this puts the radio to AM mode at 10 watts (user selectable) on current band and keys the radio for up to 5 seconds (selectable from 1 to ~) or continuous. I use it all the time.

Tim
kc0ujm

[Non-text portions of this message have been removed]

26317. Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-13 03:39:38 UTC
From: ve3wmb
Topic: 26308 Message: 26317

I seem to recall something funny about trying to use CAT if the rig is in memory mode.
Have you verified that the rig is operating in VFO mode?

Michael VE3WMB

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> I seem to have lost the ability to communicate between my FT-897 CAT
> port and my Mac.
>
> This affects my ability to use Don Agro's splendid MacLoggerDX
> program, among other things.
>
> Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter
> --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set
> to CAT. CAT baud rate 9600, but I have tried them all.
>
> Settings on MacLogger DX preferences are Port Type = Serial, Keyspan
> converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> rig, DTR and RTS boxes checked, hardware delay 0,
>
> I have downloaded and installed the latest update of MacLoggerDX, but
> the problems started before then. I have reinstalled the Keyspan
> driver. I have two CT-62 cables, and I have tried swapping them. I
> have two USB-Serial converters (Keyspan and IOGear), and I have tried
> both of them. They both show up (when connected) on the pulldown list
> of ports. Both converters work OK when connected to other devices,
> including a TNC. Both show up properly when I run System Profiler.
>
> I'm scratching my head at this point. It "feels" like a hardware
> failure in the CAT port.
>
> Any suggestions?
>
> Thanks,
>
> Lew K6MP
>

26318. Re: [FT897] Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-13 05:41:48 UTC
From: Thomas Wilson
Topic: 26309 Message: 26318

I remember seeing that, but for some reason, it's grayed out on my system.

I installed it on my netbook today; I'll have to play with that tomorrow and see if I can make it work. Ideally, I'd love to see that on a toolbar button or a control panel button...

On Fri, Jun 12, 2009 at 6:59 PM, Timothy Seeley <daroutergod@...>wrote:

>
>
> HRD has a tune function under Tools, called "tune up" this puts the radio
> to AM mode at 10 watts (user selectable) on current band and keys the radio
> for up to 5 seconds (selectable from 1 to ~) or continuous. I use it all the
> time.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26319. Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-13 06:51:29 UTC
From: k8rjl
Topic: 26270 Message: 26319

WOW!!

Thats all I can say. I have my 897D and I love it so far. VOX is awesome with the traveler single side headset and what a great radio. My only question is that the display seems to have a real limited viewable area. I have made all the menu adjustments and it seems the best if I view it a little to the right of center. Does this seem to be what everyone has noticed as well or do you think my display might be off? I can't seem to darken it down enough either I am keeping the contrast at level 6.

Rob

26320. Request for good training sites

Yahoo group: FT897 (2009)
Date: 2009-06-13 19:48:43 UTC
From: Rossco
Topic: 26270 Message: 26320

G'day to you all

Many thanks to those of you who responded to my recent request for Net sites providing good radio theory training material. Some I had seen and some were new to me. There was some good stuff came from the exercise so again, my thanks.

Best 73

RosscO VK4AQ
>

26321. Re: [FT897] Request for good training sites

Yahoo group: FT897 (2009)
Date: 2009-06-13 20:09:16 UTC
From: Randy Charles Ford
Topic: 26270 Message: 26321

Rossco,

When you decide what you are going to use, would you post a link to it on the list?

73,
kg4jix - randy.

On Saturday 13 June 2009 14:48:43 Rossco wrote:
> G'day to you all
>
> Many thanks to those of you who responded to my recent request for Net
> sites providing good radio theory training material. Some I had seen and
> some were new to me. There was some good stuff came from the exercise so
> again, my thanks.
>
> Best 73
>
> RosscO VK4AQ

26322. RE: 5 watts output on 6 meters on FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-13 20:20:44 UTC
From: wb6cyk
Topic: 26322 Message: 26322

I recently added 6M quad loops to my Spider Quad so this was a new experience with the radio. I'm the second owner. The receiver is fine and I'm receiving several beacons here in Southern Oregon. The xmtr output on 50-54 MHz is only 5 watts regardless of the power setting. I have done a complete system reset and there was no change. The rig delivers full power on all other HF bands.

Has anyone else experience this problem?

Burton -wb6cyk

26323. Re: [FT897] RE: 5 watts output on 6 meters on FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-13 22:14:20 UTC
From: Chris Baker
Topic: 26322 Message: 26323

how are you measuring the power and on what mode?
(reason is had a similar problem which was traced down to the external power meter only good upto 30Mhz)

Thanks

Chris g4lds

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
G4LDS@...

--- On Sat, 13/6/09, wb6cyk <wb6cyk@...> wrote:

From: wb6cyk <wb6cyk@...t>
Subject: [FT897] RE: 5 watts output on 6 meters on FT-897
To: FT897@yahoogroups.com
Date: Saturday, 13 June, 2009, 9:20 PM

I recently added 6M quad loops to my Spider Quad so this was a new experience with the radio. I'm the second owner. The receiver is fine and I'm receiving several beacons here in Southern Oregon. The xmtr output on 50-54 MHz is only 5 watts regardless of the power setting. I have done a complete system reset and there was no change. The rig delivers full power on all other HF bands.

Has anyone else experience this problem?

Burton -wb6cyk

[Non-text portions of this message have been removed]

26324. FT897D Signalink usb and echolink

Yahoo group: FT897 (2009)
Date: 2009-06-14 00:41:18 UTC
From: odessaspikes@sbcglobal.net
Topic: 26324 Message: 26324

Hello,
Has anyone tried echolink using their 897 and the signalink usb?
What needs to be done to the rig, program ect?
I just received my signalink and just wanted to see what all it will do.
Thanks
Jeff
KD5QDO

26325. Re: [FT897] FT897D Signalink usb and echolink

Yahoo group: FT897 (2009)
Date: 2009-06-14 04:03:57 UTC
From: Thomas Wilson
Topic: 26324 Message: 26325

I have not used

Make turn OFF the Automatic CW mode. (Menu 22). I discovered that with it on, the radio thinks that the PTT line on the data port should be taken as a request to transmit CW.

I found that the built-in VOX on my Signalink is not be sensitive enough for voice; you can either turn the volume up all the way in the computer's sound settings or ignore the VOX/PTT setting on the Signalink and use the built-in VOX on the transceiver. If you use the radio's VOX setting, disconnect the PTT jumper inside the Signalink. The jumper that's supposed to increase VOX sensitivity doesn't make much difference for me.

If you use the Signalink's VOX, set the DLY to max (about 2 seconds.) If you use VOX on the radio, set the hang time in the radio in menu 087. Set that to 2000 or so.

On Sat, Jun 13, 2009 at 5:41 PM, odessaspikes@... <
odessaspikes@...> wrote:

>
>
> Hello,
> Has anyone tried echolink using their 897 and the signalink usb?
> What needs to be done to the rig, program ect?
> I just received my signalink and just wanted to see what all it will do.
> Thanks
> Jeff
> KD5QDO
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26326. Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-14 12:42:55 UTC
From: kbrown1075
Topic: 26308 Message: 26326

I recently had this problem and had found that the SMT fuse for the CAT port had blown (I'm sure I unintentionaly hot swapped the CAT cable). I lost total use of the CAT port. I located the fuse and pondered replacing it myself, but elected to return it to Yaesu as the radio is under waranty. The day I received the post card in the mail stating that they had received the radio, the big "Brown" truck tooted out front and left me my radio... less than 2 weeks from the time it broke.

Good luck.

Kirk, N1TVF

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> I seem to have lost the ability to communicate between my FT-897 CAT
> port and my Mac.
>
> This affects my ability to use Don Agro's splendid MacLoggerDX
> program, among other things.
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> Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter
> --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set
> to CAT. CAT baud rate 9600, but I have tried them all.
>
> Settings on MacLogger DX preferences are Port Type = Serial, Keyspan
> converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> rig, DTR and RTS boxes checked, hardware delay 0,
>
> I have downloaded and installed the latest update of MacLoggerDX, but
> the problems started before then. I have reinstalled the Keyspan
> driver. I have two CT-62 cables, and I have tried swapping them. I
> have two USB-Serial converters (Keyspan and IOGear), and I have tried
> both of them. They both show up (when connected) on the pulldown list
> of ports. Both converters work OK when connected to other devices,
> including a TNC. Both show up properly when I run System Profiler.
>
> I'm scratching my head at this point. It "feels" like a hardware
> failure in the CAT port.
>
> Any suggestions?
>
> Thanks,
>
> Lew K6MP
>

26327. Re: [FT897] Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-14 14:59:05 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26327

what did they charge?
On Jun 14, 2009, at 5:42 AM, kbrown1075 wrote:

>
>
> I recently had this problem and had found that the SMT fuse for the
> CAT port had blown (I'm sure I unintentionaly hot swapped the CAT
> cable). I lost total use of the CAT port. I located the fuse and
> pondered replacing it myself, but elected to return it to Yaesu as
> the radio is under waranty. The day I received the post card in the
> mail stating that they had received the radio, the big "Brown" truck
> tooted out front and left me my radio... less than 2 weeks from the
> time it broke.
>
> Good luck.
>
> Kirk, N1TVF
>
> --- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
> >
> > I seem to have lost the ability to communicate between my FT-897 CAT
> > port and my Mac.
> >
> > This affects my ability to use Don Agro's splendid MacLoggerDX
> > program, among other things.
> >
> > Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter
> > --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set
> > to CAT. CAT baud rate 9600, but I have tried them all.
> >
> > Settings on MacLogger DX preferences are Port Type = Serial, Keyspan
> > converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> > rig, DTR and RTS boxes checked, hardware delay 0,
> >
> > I have downloaded and installed the latest update of MacLoggerDX,
> but
> > the problems started before then. I have reinstalled the Keyspan
> > driver. I have two CT-62 cables, and I have tried swapping them. I
> > have two USB-Serial converters (Keyspan and IOGear), and I have
> tried
> > both of them. They both show up (when connected) on the pulldown
> list
> > of ports. Both converters work OK when connected to other devices,
> > including a TNC. Both show up properly when I run System Profiler.
> >

> > I'm scratching my head at this point. It "feels" like a hardware
> > failure in the CAT port.
> >
> > Any suggestions?
> >
> > Thanks,
> >
> > Lew K6MP
> >
>
>
>

[Non-text portions of this message have been removed]

26328. Re: [FT897] QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-14 15:04:08 UTC
From: Minto Witteveen
Topic: 26315 Message: 26328

Steve,

Output power definitely spikes to values up to 6 times the set value.

I thought this only happens in AM (this is a known 'feature' of the 897).
But today I hooked up de digital scope and did some measurements.

When set to 5 watts the first 'dit' displays a significant spike (the rest
does not). The same happens in FM.

See http://www.pa3bca.nl/ft897qrp/ for some screenshots I made.

I measured the voltage on a dummy at 7 MHz. In FM the overshoot is about 2.5
times.

This should also be tricky for TR amplifiers.

Regards,

Minto pa3bca

----- Original Message -----
From: "Steve Yates" <aa5tb@...>
To: <FT897@yahoogroups.com>
Sent: Friday, June 12, 2009 18:23
Subject: [FT897] QRO Spikes at QRP

I have blown the diode three times in my homebrew QRP watt meter when using
my FT-897D at 5 Watts. I suspect that on CW the power output may be spiking
for a few cycles at a higher power when the transmitter first comes up,
especially if the power control only adjusts the ALC. On a second receiver
it sounds like this may be happened although it could just be the AGC action
of the receiver.

My oscilloscope bit the dust so I wonder if any else has a way to check this
on thier rig? Maybe transmit into a 50 ohm load and observe the voltage
waveform on the scope. A real PEP wattmeter may be fast enough to catch it.
Or maybe someone has already noticed this problem. I've known other rigs to
do this.

It could just be a coincidence that the diodes blow out with the FT-897D but
they've never had a problem with them for ten years before then.

26329. High SWR on 6 and 10 Meters w/ATAS-25

Yahoo group: FT897 (2009)
Date: 2009-06-14 15:08:57 UTC
From: Catherine
Topic: 26329 Message: 26329

I'm at wit's end on this one.

My 897d and ATAS-25 work great on all intended bands except for 6 and 10 meters. I've tried every possible configuraton of the ATAS-25 and spent about two hours trying to find the "sweet spot" on the antenna slider in all of the different combinations concentrating on the ones indicated by the manual. No joy. I've tried grounding the base of the antenna, no difference. Moving around to different locations, again, no difference.

I really like the antenna for it's versatility and recently used it to service a community event on 2m and 70cm where it performed like a champ. Net control said I had the best signal in spite of being the furthest sation. WHich seems odd, since the VHF UHF elements are just horizantal wires poking out of the base.

If anybody has used this antenna on 6 or 10, I'd be interested in you input. Or, even if you havent used and you have any ideas to get me up on 6/10.

It's probbaly a loose nut behind the knob. :)

73

KE5PWX - Andy Jackson

26330. Re: [FT897] QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-14 15:22:29 UTC
From: Thomas Wilson
Topic: 26315 Message: 26330

I could be totally off-base, but it sounds to me like some capacitor is
being charged to provide current to get the radio transmitting at full power
right away. I can see why it's important, since CW signals should have a
sharp rise.

Does the power chirp like this at 50 or 100 watts?

On Sun, Jun 14, 2009 at 8:04 AM, Minto Witteveen
<minto.witteveen@...>wrote:

>
>
> Steve,
>
> Output power definitely spikes to values up to 6 times the set value.
>
> I thought this only happens in AM (this is a known 'feature' of the 897).
> But today I hooked up de digital scope and did some measurements.
>
> When set to 5 watts the first 'dit' displays a significant spike (the rest
> does not). The same happens in FM.
>
> See http://www.pa3bca.nl/ft897qrp/ for some screenshots I made.
>
> I measured the voltage on a dummy at 7 MHz. In FM the overshoot is about
> 2.5
> times.
>
> This should also be tricky for TR amplifiers.
>
> Regards,
>
> Minto pa3bca
>
> ----- Original Message -----
> From: "Steve Yates" <aa5tb@... <aa5tb%40yahoo.com>>
> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Friday, June 12, 2009 18:23
> Subject: [FT897] QRO Spikes at QRP
>
> I have blown the diode three times in my homebrew QRP watt meter when using
>
> my FT-897D at 5 Watts. I suspect that on CW the power output may be spiking
>
> for a few cycles at a higher power when the transmitter first comes up,
> especially if the power control only adjusts the ALC. On a second receiver

> it sounds like this may be happened although it could just be the AGC
> action
> of the receiver.
>
> My oscilloscope bit the dust so I wonder if any else has a way to check
> this
> on thier rig? Maybe transmit into a 50 ohm load and observe the voltage
> waveform on the scope. A real PEP wattmeter may be fast enough to catch it.
>
> Or maybe someone has already noticed this problem. I've known other rigs to
>
> do this.
>
> It could just be a coincidence that the diodes blow out with the FT-897D
> but
> they've never had a problem with them for ten years before then.
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26331. Re: [FT897] QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-14 15:45:50 UTC
From: Minto Witteveen
Topic: 26315 Message: 26331

----- Original Message -----
From: "Thomas Wilson" <wilsontp@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, June 14, 2009 17:22
Subject: Re: [FT897] QRO Spikes at QRP

>I could be totally off-base, but it sounds to me like some capacitor is
> being charged to provide current to get the radio transmitting at full
> power
> right away. I can see why it's important, since CW signals should have a
> sharp rise.
>
> Does the power chirp like this at 50 or 100 watts?
>
--
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ

I just tried it at 50 watts. Upon keying output peaks to 100 Watts and then falls down to 50. Subsequent dots and dashes are 50 Watts.
At 100 watts there is no peak (which does not surprise me).
It is definitely a design flaw (well known for AM mode). I just hadn't realized the 897 also displays this behavior in other modes with decreased power. But in AM the carrier is decreased to 100/4 = 25 watts by the same circuitry so it is no surprise. (hindsight)

Regards,
Minto pa3bca.

26332. Re: 5 watts output on 6 meters on FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-14 16:26:30 UTC
From: wb6cyk
Topic: 26322 Message: 26332

Chris, a local communications tech worked with me last night and we determined with his watt meter that it was not the internal power supply and the power output dropped rapidly above 14 MHz to 5W out at 50MHz. The 2M and 70cm output was OK. Also the PA output transistors were drawing way too much current and getting very hot before the fans turned on. Bob is trying to find a service manual before we go any further. He wants to know what the voltages should be in the PA. His power meter is good for 20-300 MHz.

Thanks for your reply.

Burton

--- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:
>
> how are you measuring the power and on what mode?
> (reason is had a similar problem which was traced down to the external power meter only good upto 30Mhz)
>
>
> Thanks
>
> Chris g4lds
>
>
> Sunny Morecambe, the gateway to the Lakes
> ARS: G4LDS
> WAB:SD 46
> LOC: IO84 NB
> IOTA: EU005
> G4LDS@...
>
> --- On Sat, 13/6/09, wb6cyk <wb6cyk@...> wrote:
>
>
> From: wb6cyk <wb6cyk@...>
> Subject: [FT897] RE: 5 watts output on 6 meters on FT-897
> To: FT897@yahoogroups.com
> Date: Saturday, 13 June, 2009, 9:20 PM
>
>
>
>
>
>
>
>
>
>
> I recently added 6M quad loops to my Spider Quad so this was a new experience with the

radio. I'm the second owner. The receiver is fine and I'm receiving several beacons here in Southern Oregon. The xmtr output on 50-54 MHz is only 5 watts regardless of the power setting. I have done a complete system reset and there was no change. The rig delivers full power on all other HF bands.
>
> Has anyone else experience this problem?
>
> Burton -wb6cyk
>
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> [Non-text portions of this message have been removed]
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26333. Re: [FT897] High SWR on 6 and 10 Meters w/ATAS-25

Yahoo group: FT897 (2009)
Date: 2009-06-14 17:15:19 UTC
From: Roger Sale
Topic: 26329 Message: 26333

Hi Catherine,
This is an odd situation, the only commonality according to the user pdf. is that 50MHz requires NO radiating element connected, and for 28MHz it says 2, 1, or no connection. Have you tried this configuration? Especially the "no elements connected part"
73
Roger M0HRR
----- Original Message -----
From: Catherine
To: FT897@yahoogroups.com
Sent: Sunday, June 14, 2009 4:08 PM
Subject: [FT897] High SWR on 6 and 10 Meters w/ATAS-25

I'm at wit's end on this one.

My 897d and ATAS-25 work great on all intended bands except for 6 and 10 meters. I've tried every possible configuraton of the ATAS-25 and spent about two hours trying to find the "sweet spot" on the antenna slider in all of the different combinations concentrating on the ones indicated by the manual. No joy. I've tried grounding the base of the antenna, no difference. Moving around to different locations, again, no difference.

I really like the antenna for it's versatility and recently used it to service a community event on 2m and 70cm where it performed like a champ. Net control said I had the best signal in spite of being the furthest sation. WHich seems odd, since the VHF UHF elements are just horizantal wires poking out of the base.

If anybody has used this antenna on 6 or 10, I'd be interested in you input. Or, even if you havent used and you have any ideas to get me up on 6/10.

It's probbaly a loose nut behind the knob. :)

73

KE5PWX - Andy Jackson

[Non-text portions of this message have been removed]

26334. Re: [FT897] Re: 5 watts output on 6 meters on FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-14 17:45:07 UTC
From: Tom Wilson
Topic: 26322 Message: 26334

Sent from my iPhone

On Jun 14, 2009, at 9:26 AM, "wb6cyk" <wb6cyk@...> wrote:

>
>
> Chris, a local communications tech worked with me last night and we
> determined with his watt meter that it was not the internal power
> supply and the power output dropped rapidly above 14 MHz to 5W out
> at 50MHz. The 2M and 70cm output was OK. Also the PA output
> transistors were drawing way too much current and getting very hot
> before the fans turned on. Bob is trying to find a service manual
> before we go any further. He wants to know what the voltages should
> be in the PA. His power meter is good for 20-300 MHz.
>
> Thanks for your reply.
>
> Burton
>
> --- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:
> >
> > how are you measuring the power and on what mode?
> > (reason is had a similar problem which was traced down to the
> external power meter only good upto 30Mhz)
> >
> >
> > Thanks
> >
> > Chris g4lds
> >
> >
> > Sunny Morecambe, the gateway to the Lakes
> > ARS: G4LDS
> > WAB:SD 46
> > LOC: IO84 NB
> > IOTA: EU005
> > G4LDS@...
> >
> > --- On Sat, 13/6/09, wb6cyk <wb6cyk@...> wrote:
> >
> >
> > From: wb6cyk <wb6cyk@...>
> > Subject: [FT897] RE: 5 watts output on 6 meters on FT-897
> > To: FT897@yahoogroups.com
> > Date: Saturday, 13 June, 2009, 9:20 PM

> >
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> > I recently added 6M quad loops to my Spider Quad so this was a new
> experience with the radio. I'm the second owner. The receiver is
> fine and I'm receiving several beacons here in Southern Oregon. The
> xmtr output on 50-54 MHz is only 5 watts regardless of the power
> setting. I have done a complete system reset and there was no
> change. The rig delivers full power on all other HF bands.
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> > Burton -wb6cyk
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[Non-text portions of this message have been removed]

26335. New 897 owner needs HELP!

Yahoo group: FT897 (2009)
Date: 2009-06-15 02:37:28 UTC
From: bigv316@ymail.com
Topic: 26335 Message: 26335

Hi all

I have had my 897 for about two or three weeks now and love it. I have made contacts all along the south east and into west Texas from my qth in Florida.
Tonight however I set up my Buddipole for 20 meters and started going up and down the band but every time I keyed the mic the radio would try and transmit 2khz up from where I was dialed in.
I checked the manual to see if I had set up split by accident but that would be kind of hard to do. I have no idea what I did but if anyone can give me a clue I would really appreciate it.

Thanks,
Vince KI4HSK

26336. Re: tuning

Yahoo group: FT897 (2009)
Date: 2009-06-15 02:44:55 UTC
From: n3zjy
Topic: 26309 Message: 26336

--- In FT897@yahoogroups.com, "Timothy Seeley" <daroutergod@...> wrote:
>
> HRD has a tune function under Tools, called "tune up" this puts the radio to AM mode at 10 watts (user selectable) on current band and keys the radio for up to 5 seconds (selectable from 1 to ~) or continuous. I use it all the time.
>
> Tim
> kc0ujm
>
> [Non-text portions of this message have been removed]
>

VERY NICE...

26337. DATA CABLE

Yahoo group: FT897 (2009)
Date: 2009-06-15 02:47:34 UTC
From: n3zjy
Topic: 26337 Message: 26337

Nevermind the issue of my PC not having control of the mic/line in sliders, I can't seem to get any audio out from my data cable. I'm using the G4ZLP cable without the interface. I did build a line isolator for both in/out. But nothing is coming out when I switch to digital mode.

26338. Re: QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-15 03:22:15 UTC
From: Steve Yates
Topic: 26315 Message: 26338

Hi Minto,

Thank you very much for your investigation. You have confirmed my fears, the FT-897D can only run at reduced power after a 100W spike.

I wonder if a fix maybe to apply an external bias voltage on the ACC Jack to use as a fixed ALC voltage? This could be a 9V battery with a potentiometer. This way the output should be reduced from the start. It might even be easier then going through all the menus. In fact, an external box with a momentary DPDT switch, 9V battery, pot., and a three-wire cable could send the rig a "TX request" and an ALC voltage for reduced power all at the same time to make a nifty "tune" button for automatic antenna tuners (ref. ACC Jack, pg. 18 of manual).

73,
Steve - AA5TB

26339. Re: [FT897] New 897 owner needs HELP!

Yahoo group: FT897 (2009)
Date: 2009-06-15 06:42:30 UTC
From: Thomas Wilson
Topic: 26335 Message: 26339

There's a SPLIT and Quick Split function. I think the Quick Split is "QSP".
Make sure they're all off.

On Sun, Jun 14, 2009 at 7:37 PM, bigv316@... <bigv316@...>wrote:

>
>
> Hi all
>
> I have had my 897 for about two or three weeks now and love it. I have made
> contacts all along the south east and into west Texas from my qth in
> Florida.
> Tonight however I set up my Buddipole for 20 meters and started going up
> and down the band but every time I keyed the mic the radio would try and
> transmit 2khz up from where I was dialed in.
> I checked the manual to see if I had set up split by accident but that
> would be kind of hard to do. I have no idea what I did but if anyone can
> give me a clue I would really appreciate it.
>
> Thanks,
> Vince KI4HSK
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26340. Home brew battery packs?

Yahoo group: FT897 (2009)
Date: 2009-06-09 03:57:21 UTC
From: Mike Nash
Topic: 26340 Message: 26340

Anyone successfully build their own battery packs for the FT897? I would think that LiIon would be a better match than NiMH.

Mike
KE5QVY

26341. Re: [FT897] Basic Electronics Tutorials

Yahoo group: FT897 (2009)
Date: 2009-06-09 01:47:50 UTC
From: Paul Claxton
Topic: 26240 Message: 26341

Might I suggest the US Navy's Electricity and Electronics Training Series (NEETS) modules?

These things have taught countless hundreds of thousands sailors the basics. I used them in the early 1980's to put a high polish on my skills and ten years later I used them to teach sailors in the finer points of electronics. They're dated from 1998 but things really haven't changed in the basics. You can browse though the topics yourself but are likely not going to need all the modules like the synchro motors and radar fundamentals.

These modules are available in a series of .zip files at
http://www.rarmy.com/coleman/neets/

Paul Claxton
EMCM (SW/AW) USN (ret)
KG6OAZ

----- Original Message -----
From: Rossco
To: FT897@yahoogroups.com
Sent: Sunday, June 07, 2009 11:37 PM
Subject: [FT897] Basic Electronics Tutorials

G'day to you all

This is a bit "off subject" but maybe there will be a few good answers forthcoming.

I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.

I have visited several sites but they all seem a bit too disjointed or lacking in structure.

I would appreciate a link to any good sites our members may have visited and can recommend.

Thanks

RosscO VK4AQ

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.56/2161 - Release Date: 06/07/09 17:53:00

[Non-text portions of this message have been removed]

26342. Power on off switch

Yahoo group: FT897 (2009)
Date: 2009-06-12 14:07:31 UTC
From: riley_75j
Topic: 26342 Message: 26342

When I power off my rig the display goes blank but is still lit, if I try to power back on it wont come back on. I have to turn the power supply off then back on and then the rig powers up.
Does anyone have this problem or heard of this and what could it be?

26343. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-06 20:05:35 UTC
From: R. Brown
Topic: 26270 Message: 26343

Does anyone know of any adapters to adapt aviation headsets to the FT897?

I have such an adapter for my VX-6. It would just be nice to use my aviation headset on the FT897.

Cheers,
W4RVB

On Jun 6, 2009, at 3:50 PM, Larry D. Barr, K5WLF wrote:

I have a Heil Traveler and a Heil ProSet 5. They both work great on VOX with the FT-897D. If you ever plan on using a footswitch or handswitch (rather than VOX all the time) the ProSet 5 is a better choice, since the radio-specific adapter is made for that. WIth the Traveler, you'd have to make your own adapter to accomodate the switch. Or use the switch in the cord which I just didn't find ergonomic. A friend of mine also has a Traveler and he likes the switch just fine.

Neither headset can be called cheap, but they're extremely high quality and reasonably priced.

73,
ldb
K5WLF

k8rjl wrote:
> Sorry...should have ended with below info... Newbie error!!
>
> Rob (K8RJL) SE Michigan
>
> --- In FT897@yahoogroups.com, "k8rjl" <hkusp.40cal@...> wrote:
>> Hi All,
>>
>> Getting my 897D very soon. I have heard the VOX is outstanding on
>> this radio and I look forward to using a nice headset with it.
>> What do you recommend? I don't necessarily need expensive if
>> something cheap is of good quality. I'm really looking forward to
>> the arrival of my radio. Is there a specific serial number I
>> should look for? I am buying a new one, not used.
>>
>> Thanks for the help,
>>
>> Rob

[Non-text portions of this message have been removed]

26344. Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-11 18:54:30 UTC
From: ka2ing
Topic: 26308 Message: 26344

i had the same problem with one of my 897D's and i have been told there is a fuse that blows and causes this problem, good luck

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> I seem to have lost the ability to communicate between my FT-897
CAT
> port and my Mac.
>
> This affects my ability to use Don Agro's splendid MacLoggerDX
> program, among other things.
>
> Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter
> --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set
> to CAT. CAT baud rate 9600, but I have tried them all.
>
> Settings on MacLogger DX preferences are Port Type = Serial, Keyspan
> converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> rig, DTR and RTS boxes checked, hardware delay 0,
>
> I have downloaded and installed the latest update of MacLoggerDX, but
> the problems started before then. I have reinstalled the Keyspan
> driver. I have two CT-62 cables, and I have tried swapping them. I
> have two USB-Serial converters (Keyspan and IOGear), and I have tried
> both of them. They both show up (when connected) on the pulldown list
> of ports. Both converters work OK when connected to other devices,
> including a TNC. Both show up properly when I run System Profiler.
>
> I'm scratching my head at this point. It "feels" like a hardware
> failure in the CAT port.
>
> Any suggestions?
>
> Thanks,
>
> Lew K6MP
>

26345. Display voltage changing

Yahoo group: FT897 (2009)
Date: 2009-06-10 11:46:12 UTC
From: adeymcuk
Topic: 26345 Message: 26345

Hi Ive just bought a 2nd hand 897D and immediatley noticed something when I put it in the shack, when I TX on SSB the voltage shifts from between 12.5v up to 13.8 if I key up on FM it drops to 12.5v, im running it from a small SEC 1223 23amp switch mode PSU which Ive used for a long time on my TS-570DG and never noticed any problems, obviously the 570 doesnt have a voltage indication on the radio, but ive never even had the need to check it as the PSU always appeared to work perfectly

anyone any ideas on this

Adrian
G0KOM

26346. Re: [FT897] Re: Headset for VOX Operation

Yahoo group: FT897 (2009)
Date: 2009-06-07 06:15:59 UTC
From: R. Brown
Topic: 26270 Message: 26346

I am with you guys on the Heil ProSet. It has features that aviation headsets costing 3-4 times as much have. It is also about the same price as the cheapest aviation head set out there.

Cheers,
Robby
W4RVB

On Jun 6, 2009, at 10:07 PM, Larry D. Barr, K5WLF wrote:

I'd say the Heil ProSet would be the one. The Traveler doesn't have a full earcup. Although you can modify it to use the ProSet replacement earcups if you build a plastic adapter plate as I did. ProSet's still the best though.

73,
ldb
K5WLF

k8rjl wrote:
> Thanks for all the quick replies. I've been checking out all of the
> above items. Now I just need to pick one that would be good for my
> BIG ears so they don't get sore after an hour of use. That seems to
> be the issue for me, finding a pair of phones to fit my ears.
>
> Rob (K8RJL) SE Michigan

[Non-text portions of this message have been removed]

26347. Voltage display low

Yahoo group: FT897 (2009)
Date: 2009-06-11 12:28:06 UTC
From: adeymcuk
Topic: 26347 Message: 26347

Hi, tried posting this yesterday but still hasnt appeared today so will try again, I just purchased a 2nd hand FT-897 which appears to work fine but when in TX the voltage display fluctuates between 12.5v and 13.8 depending on speech peaks, if I key up on FM it goes to 12.5v, I get full output of 100 watts and am using a known good PSU, although I dont have the equipment to test it fully as having recently moved all my stuff is in transit to my QTH, ive trawled the group and the internet for some info but have only come across one post on this group with the same issue, the PSU is only a small Samlex 1223 Switch mode 23amp but its worked flawlessly for me on all other radios so Ive no reason to suspect its not functioning correctly

anyone got any Ideas

Adrian G0KOM

26348. 857/897 MH-59 Mic Problem

Yahoo group: FT897 (2009)
Date: 2009-06-09 03:41:41 UTC
From: Patrick Morgan
Topic: 26348 Message: 26348

I have a FT-857D installed in my 96 Grand Voyager. I use Hamstick antennas, I use a mirror mount modified with longer bolts mounted to the luggage rack. I ran 1 inch ground strap to the mount and connected the other end inside the van so I didn't have external hole in the body of the van. I am using LMR-240 for coax with silver PL-259's with reducers I have checked for DC short and I don't have one. I'm also using a mfj-945e mobile manual tuner. I have distorted audio with the MH-59 mic and some times a carrier with no audio on 20 meters with the tuner in line and no problem when tuner is removed from the circuit. I have the distorted audio problem with 10 meters and 6 meters. But with 6 meters I am using a 5/8 wave 2 meter mag mount antenna with stock coax on the mag mount and no tuner. The mag mount is a Larson. If I use the stock mic no audio problems at all great sig and audio reports. But if I switch mic's I have distorted audio reports and have gotten multiple reports of RF on my signal. Changing the mic gain has no difference and turning down RF power has no effect. Also if I use the 59 mic and select the mod or pwr meter and tap on the mic it goes full scale with no audio in the mic and on full power on ssb. If I turn the power from 100 to 50 watts the tapping on the mic trick goes away. So my question have ant of you heard about the MH-59 mic's being RF sensitive and if you have how do you fix the mic to keep RF out of it.
73's
w0erp
Patrick
My email is kd0erp@gmail.com
Thanks

26349. YT-100

Yahoo group: FT897 (2009)
Date: 2009-06-12 18:30:23 UTC
From: Alan
Topic: 26349 Message: 26349

I just purchased an LDG YT-100 to use with my 897D and it works very well. It has all of the features of the AT-897 except that it is a standalone unit rather than a bolt-on. So far it has tuned all of the bands that I normally use (10, 20, 40, 80M)with my G5RV Lite antenna and, once the frequency is in memory, tunes in about 1 sec. It can also be used with the FT-857 and FT-100. It's the same streetprice as the AT-897.

26350. Power on / Power off switch

Yahoo group: FT897 (2009)
Date: 2009-06-13 01:09:18 UTC
From: riley_75j
Topic: 26350 Message: 26350

When I power off using the switch on the front of my 897D the screen goes blank but stays lit, it dont completely shut down.
I have to shut down the power supply and turn it back on for the 897 to come back on.
Has anyone had this problem or heard of it? If so whats going on, easy fix or not?

Jeff N8JAK

26351. Help with power

Yahoo group: FT897 (2009)
Date: 2009-06-06 20:56:35 UTC
From: chris
Topic: 26351 Message: 26351

Hi i am new to the group please could someone tell me what would be the best power supply to use ie. what rating dose it need

thanks chris M3HYT

26352. Sidekick antenna

Yahoo group: FT897 (2009)
Date: 2009-06-12 14:54:44 UTC
From: Rex
Topic: 26352 Message: 26352

I tried posting to this group with another question but my message never went through so I'll try again with another question now. Is anyone on this group using the High Sierra Sidekick with their 897? If you do use it do you also have the Yaesu box plugged into the radio? I have the 857D in my car with the ATAS and it works fine but I want a radio for the house and the 897 does everything I want.
Any opinions welcome.

K9REX
Loveland, CO

Save America
http://groups.yahoo.com/group/FairTax/

26353. scanning more than one band at a time

Yahoo group: FT897 (2009)
Date: 2009-06-12 12:29:42 UTC
From: swipe123@sbcglobal.net
Topic: 26353 Message: 26353

can this be done an how do you do it? thanks Steve n8sms

26354. ATAS=120 tuning function

Yahoo group: FT897 (2009)
Date: 2009-06-13 03:45:40 UTC
From: Alan Lentz
Topic: 26354 Message: 26354

It appears the 897 has the ability to tune the 120 automaticaly. Is it possible to use this to drive a relay interface to control a generic screwdriver antenna?

W7AML

26355. 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-11 03:52:21 UTC
From: Rex
Topic: 26355 Message: 26355

I have the FT-857D in my car and love it but I want to know if you had a choice would you buy the FT-897D or TS-2000 for home use???

K9REX
Loveland, CO

Save America
http://groups.yahoo.com/group/FairTax/

26356. Autotuner for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-06-08 00:14:35 UTC
From: flprob
Topic: 26356 Message: 26356

I've just purchased an 897, first new radio ever (all previous were 2nd hand). I am considering an autotuner, specifically the AT-200Pro or AT-100Pro. I am new to this group and not familiar with navigating around the site yet. If anyone has advice on autotuners, or can direct me to where any information has been posted, please help.

My antenna is a Cushcraft R-5 for now, hidden in the woods behind my house (darn antenna covenants).

Thanks,

Hugh W4AND

26357. LDG Z-100 Battery Power?

Yahoo group: FT897 (2009)
Date: 2009-06-11 12:23:43 UTC
From: zr1bob
Topic: 26357 Message: 26357

Does anyone have info on modifying the Z-100 to operate from an internal battery? Or the possibility of powering the Z-100 from the CAT interface? W4RT shows a cable but it's discontinued.
Thanks
N6RDC

26358. LDG Z-100 Battery Power?

Yahoo group: FT897 (2009)
Date: 2009-06-11 12:23:43 UTC
From: zr1bob
Topic: 26357 Message: 26358

Does anyone have info on modifying the Z-100 to operate from an internal battery? Or the possibility of powering the Z-100 from the CAT interface? W4RT shows a cable but it's discontinued.
Thanks
N6RDC

26359. FT-897D iddle current

Yahoo group: FT897 (2009)
Date: 2009-06-10 13:39:39 UTC
From: zbinio20022002
Topic: 26359 Message: 26359

Hi!
In July 2007 I've bought a New FT-897D In ☐CON-Spark" Gdynia ☐ Yaesu dealer in Poland.
Some days ago, after I read some articles in the Internet, I decided to check idle current in all steps of TX amplifier.
There is a table with this data:
Device My factory setup

Pre-driver
2SK2596 20mA

Driver
RD01MUS1 (x2) 26mA

Exciter
RD01MVS1 (x2) 104mA (50+54mA)

Final HF+50MHz
2SC2782 (x2) 800mA

Final VHF, UHF
RD70HVF1 1100mA

Because a new service manual for FT-897D there is no available yet, I have a question: if readings from table are correct? Maybe a new service manual is available?

Zbig, SP3RNY

26360. On off switch

Yahoo group: FT897 (2009)
Date: 2009-06-07 16:51:09 UTC
From: riley_75j
Topic: 26360 Message: 26360

It just started, when I turn my rig off the freq display goes blank but it stays lit.
I can turn it on and off with the power supply.
Is the power switch gone bad or something else.
It still works other than that.

26361. Re: Basic Electronics Tutorials

Yahoo group: FT897 (2009)
Date: 2009-06-09 15:02:49 UTC
From: Patrick Morgan
Topic: 26240 Message: 26361

try www.allaboutcircuits.com

--- In FT897@yahoogroups.com, "Rossco" <vk4aq@...> wrote:
>
> G'day to you all
>
> This is a bit "off subject" but maybe there will be a few good answers forthcoming.
>
> I'm trying to locate a really first class site on the net whereby I can download information, lesson plans etc, at no cost, to form the basis of a good (and I hope ongoing) Basic Electronics Class and basic Homebrewing websites.
>
> I have visited several sites but they all seem a bit too disjointed or lacking in structure.
>
> I would appreciate a link to any good sites our members may have visited and can recommend.
>
> Thanks
>
> RosscO VK4AQ
>

26362. Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-08 11:34:58 UTC
From: Aristotle Zoulas
Topic: 26362 Message: 26362

Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
Any Help, thanks

Aristotle Zoulas, Warwick, NY.

26363. Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-09 12:05:06 UTC
From: Aristotle Zoulas
Topic: 26362 Message: 26363

Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
Any Help, thanks

Aristotle Zoulas, KC2GBS, Warwick, NY.

26364. Help with 897d

Yahoo group: FT897 (2009)
Date: 2009-06-07 17:05:17 UTC
From: chris
Topic: 26364 Message: 26364

Hi i am new to the group and will be getting my radio on tuesday however i would like to know what rating power supply i will need

thanks in advance

Chris M3HYT

26365. new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-14 00:22:42 UTC
From: ben_ramler2002
Topic: 22707 Message: 26365

Good Evening Group,

My name is Ben Ramler, KØBLR. I have a dilemma and really don't know what to do. I found 2 used 857D's for sale. However I also am thinking about getting a new Elecraft K3.

Most of my operating is Emcomm. SSB Nets and stuff like that. The problem is that sometimes the 80 is very poor. So I need a reciver that can pull out the weak ones. However I need something that portable. I guess I need guidence on this.

73,

Ben KØBLR

26366. FT 897 Help

Yahoo group: FT897 (2009)
Date: 2009-06-13 21:20:36 UTC
From: chris martin
Topic: 26366 Message: 26366

hi i will be getting my 897 on monday i have looked through the manual but couldn't find a answer can you change your power output

Thanks in advance
Chris M3HYT

[Non-text portions of this message have been removed]

26367. RE: [FT897] Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-13 12:46:28 UTC
From: Keith
Topic: 26308 Message: 26367

That appears to be the problem since two independent serial to USB convertors have failed to communicate with the radio.

http://www.tigoe.net/pcomp/resources/archives/avr/000749.shtml

Here is a web page that describes how to monitor the serial port with the screen command. If you have a friend with a PC and serial port you can try to communicate with the 897 as a last resort. I'm sure that the replacement of the board for the CAT connector is the solution so send Yaesu Service Dept an email for more guidance.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On
> Behalf Of Lew Phelps K6LMP
> Sent: Thursday, June 11, 2009 9:05 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] Loss of CAT port communication
>
> I seem to have lost the ability to communicate between my FT-897 CAT
> port and my Mac.
>
> This affects my ability to use Don Agro's splendid MacLoggerDX
> program, among other things.
>
> Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb
> converter
> --> USB port. Settings on rig are Tuner OFF and
> TUNER/LINEAR/CAT set
> to CAT. CAT baud rate 9600, but I have tried them all.
>
> Settings on MacLogger DX preferences are Port Type = Serial,
> Keyspan
> converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> rig, DTR and RTS boxes checked, hardware delay 0,
>
> I have downloaded and installed the latest update of
> MacLoggerDX, but
> the problems started before then. I have reinstalled the Keyspan
> driver. I have two CT-62 cables, and I have tried swapping them. I
> have two USB-Serial converters (Keyspan and IOGear), and I
> have tried
> both of them. They both show up (when connected) on the

> pulldown list
> of ports. Both converters work OK when connected to other devices,
> including a TNC. Both show up properly when I run System Profiler.
>
> I'm scratching my head at this point. It "feels" like a hardware
> failure in the CAT port.
>
> Any suggestions?
>
> Thanks,
>
> Lew K6MP
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

26368. Re: [FT897] Re: 5 watts output on 6 meters on FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-14 16:54:44 UTC
From: David Wagner
Topic: 26322 Message: 26368

Burton... I don't know if this would give you the info you need or not. There is a link for a service manual near the bottom of the page.

http://www.rigpix.com/yaesu/ft897.htm

Dave
On Jun 14, 2009, at 1126, wb6cyk wrote:

>
>
> Chris, a local communications tech worked with me last night and we
> determined with his watt meter that it was not the internal power
> supply and the power output dropped rapidly above 14 MHz to 5W out
> at 50MHz. The 2M and 70cm output was OK. Also the PA output
> transistors were drawing way too much current and getting very hot
> before the fans turned on. Bob is trying to find a service manual
> before we go any further. He wants to know what the voltages should
> be in the PA. His power meter is good for 20-300 MHz.
>
>
>

David Wagner
K3LGM
Springtown, TX

[Non-text portions of this message have been removed]

26369. Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-15 12:21:54 UTC
From: Scott Pettigrew
Topic: 26308 Message: 26369

Done anyone happen to know how much this repair typically costs?

Thanks!

Scott / N8VSI

--- In FT897@yahoogroups.com, "ka2ing" <ka2ing@...> wrote:
>
> i had the same problem with one of my 897D's and i have been told there is a fuse that blows and causes this problem, good luck
>

26370. Re: Autotuner for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-06-15 12:23:38 UTC
From: adastra_2001
Topic: 26356 Message: 26370

--- In FT897@yahoogroups.com, "flprob" <w4and@...> wrote:
>
> I've just purchased an 897, first new radio ever (all previous were 2nd hand). I am considering an autotuner, specifically the AT-200Pro or AT-100Pro. I am new to this group and not familiar with navigating around the site yet. If anyone has advice on autotuners, or can direct me to where any information has been posted, please help.
>
> My antenna is a Cushcraft R-5 for now, hidden in the woods behind my house (darn antenna covenants).
>
> Thanks,
>
> Hugh W4AND
>

I just got an 897 as my first new radio too. Same deal, all used before. I'm using the AT-897 with a dipole cut for 20M. It is an L shape horizontal dipole at about 10M on my roof. My AT-897 brings the SWR down to less than 1.5:1 on 40 through 10M. It gave up on 80 and 6, not much of a surprise. I'm happy and this tuner bolts on the side of the radio rather than being a separate unit. Unless you plan to use the ATU with another radio I'd get the AT-897.
Bennett AF2RF

26371. Re: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:09:12 UTC
From: Andrew Williss
Topic: 26362 Message: 26371

This is a known limitation with the FT897D when listening to the audio via the speaker/headphone.
If you listen to the audio from the 6 pin DATA socket on the rear of the radio there is no issue. Pin 5 is audio out and pin 2 is Ground. This information is on page 11 of the manual.
Good Luck

Andy - VK5LA

----- Original Message -----
From: "Aristotle Zoulas" <jrzoulas@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, June 09, 2009 9:35 PM
Subject: [FT897] Anyone use this radio with HRD

>
>
>
> Hello, I am having a problem where when I move the slider on Ham Radio
> Deluxe, there is a momentary mute of the sound (about 1/100 of one
> second). Its enough to be a problem as I cannot continuously change the
> frequency to tune in a station. Works fine from the radio. I posted a
> similar question on the HRD group and a few people said it was a common
> problem with the FT-857/897. Some people said they had to sell their radio
> because of this problem as they liked the program so much.
> Any Help, thanks
>
> Aristotle Zoulas, KC2GBS, Warwick, NY.
>
>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.68/2175 - Release Date: 06/14/09 05:53:00

26372. Re: On off switch

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:21:00 UTC
From: tomvanderpool
Topic: 26360 Message: 26372

I have the Yaesu internal power supply with my radio and it does not exhibit the operation you describe. IOW, I push the button on the front to power down, the display and the light both go off. I can then turn it back on using the button on the front. Hope this helps somewhat.

Tom
KD0BNT

--- In FT897@yahoogroups.com, "riley_75j" <klinglerj@...> wrote:
>
> It just started, when I turn my rig off the freq display goes blank but it stays lit.
> I can turn it on and off with the power supply.
> Is the power switch gone bad or something else.
> It still works other than that.
>

26373. Re: [FT897] Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:25:52 UTC
From: Jim C
Topic: 26308 Message: 26373

In February I paid Vertex Standard $96.54 including shipping back to me,
to have mine repaired for the no CAT port signal.problem fixed. I paid
shipping to them seperately

Scott Pettigrew wrote:
>
>
> Done anyone happen to know how much this repair typically costs?
>
> Thanks!
>
> Scott / N8VSI
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "ka2ing" <ka2ing@...> wrote:
> >
> > i had the same problem with one of my 897D's and i have been told
> there is a fuse that blows and causes this problem, good luck
> > >
>
>

26374. Re: [FT897] FT 897 Help

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:26:39 UTC
From: Lew Phelps K6LMP
Topic: 26366 Message: 26374

Chris, I'm sure you'll enjoy your new FT-897D. In an earlier message you asked what rating power supply the rig needs. The answer is, at full transmit power output in requires 22 amps at 13.8 VDC. a 25 amp peak load power supply would be the minimum you'd want to use. If you buy an external power supply, make sure you get a power cable to attach it to the FT-897, which uses a 6-pin Molex connector for DC power (it uses two pins for + and two for -).

Yes, you can change power output through the extended menu settings. See the manual (available online) for details. It's Menu Item 75, RF POWER SET. The rig will be shipped with the default settings, which are for max power. 80-6 meters = 100 watts. 2 meters = 50 watts. 70 cm = 20 watts. The Menu Item 75 will set power levels separately for each band, so if you reduce power to 25 watts for the HF bands, that won't change the 50 watt setting for 2 meters.

73

Lew K6LMP

On Jun 13, 2009, at 2:20 PM, chris martin wrote:

>
>
> hi i will be getting my 897 on monday i have looked through the
> manual but couldn't find a answer can you change your power output
>
> Thanks in advance
> Chris M3HYT
>
>

[Non-text portions of this message have been removed]

26375. Re: [FT897] Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:29:43 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26375

Thanks for that info. The fuse itself is available from Mouser for 38 cents plus shipping. It's a Surface Mounted Technology device, but with only one solder connection at each end, it doesn't look like it would be difficult to replace. I think I will try that myself before shelling out $100 for their ministrations. It's readily accessible; you don't even have to remove a circuit board

Lew K6LMP

On Jun 15, 2009, at 6:25 AM, Jim C wrote:

>
> In February I paid Vertex Standard $96.54 including shipping back to
> me,
> to have mine repaired for the no CAT port signal.problem fixed. I paid
> shipping to them seperately
>
> Scott Pettigrew wrote:
> >
> >
> > Done anyone happen to know how much this repair typically costs?
> >
> > Thanks!
> >
> > Scott / N8VSI
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> > "ka2ing" <ka2ing@...> wrote:
> > >
> > > i had the same problem with one of my 897D's and i have been told
> > there is a fuse that blows and causes this problem, good luck
> > >
>

[Non-text portions of this message have been removed]

26376. Re: [FT897] Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:37:17 UTC
From: Jim C
Topic: 26308 Message: 26376

The fuse was good in mine. You can check the fuse by checking to see if
you have power on the pin that it feeds. Mine did and it turnedout to
be a couple of diodes that had to be replaced instead. Of course
diodes are cheap but I couldn't find where they were located.

Lew Phelps K6LMP wrote:
>
>
> Thanks for that info. The fuse itself is available from Mouser for 38
> cents plus shipping. It's a Surface Mounted Technology device, but
> with only one solder connection at each end, it doesn't look like it
> would be difficult to replace. I think I will try that myself before
> shelling out $100 for their ministrations. It's readily accessible;
> you don't even have to remove a circuit board
>
> Lew K6LMP
>
> On Jun 15, 2009, at 6:25 AM, Jim C wrote:
>
> >
> > In February I paid Vertex Standard $96.54 including shipping back to
> > me,
> > to have mine repaired for the no CAT port signal.problem fixed. I paid
> > shipping to them seperately
> >
> > Scott Pettigrew wrote:
> > >
> > >
> > > Done anyone happen to know how much this repair typically costs?
> > >
> > > Thanks!
> > >
> > > Scott / N8VSI
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>,
> > > "ka2ing" <ka2ing@...> wrote:
> > > >
> > > > i had the same problem with one of my 897D's and i have been told
> > > there is a fuse that blows and causes this problem, good luck
> > > >
> >
> > [Non-text portions of this message have been removed]
>

>

26377. Re: 857/897 MH-59 Mic Problem

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:49:32 UTC
From: tenorman1952
Topic: 26348 Message: 26377

--- In FT897@yahoogroups.com, "Patrick Morgan" <djinerloc@...> wrote:
>
> I have a FT-857D installed in my 96 Grand Voyager. I use Hamstick antennas, I use a mirror mount modified with longer bolts mounted to the luggage rack. I ran 1 inch ground strap to the mount and connected the other end inside the van so I didn't have external hole in the body of the van. I am using LMR-240 for coax with silver PL-259's with reducers I have checked for DC short and I don't have one. I'm also using a mfj-945e mobile manual tuner. I have distorted audio with the MH-59 mic and some times a carrier with no audio on 20 meters with the tuner in line and no problem when tuner is removed from the circuit. I have the distorted audio problem with 10 meters and 6 meters.

(trimmed)

http://groups.yahoo.com/group/FT897/message/22145

Rob W1AEX has a good writeup of the problem and solution:

"1. The 857/897 rigs seem to be somewhat susceptible to RF feedback issues. Users will sometimes experience RF in the audio, or in extreme cases, the rig may reset, or shutdown, or break into oscillation, or scramble its service menu settings. Using the optional MH-59 microphone can sometimes bring these symptoms on with a vengeance. Note that Dean Gibson, AE7Q, engineered a nice fix for the MH-59 microphone which he has posted on his site at:

http://www.ae7q.net/doc/public/MH-59.php

The fix for all this is the usual stuff: Establish a good short path to a common station ground for all the equipment attached to the radio. Use ferrite on leads that are picking up RF if the problem continues. Keep the radio out of near-field RF from the antenna. I've never seen an issue with the 897D when it is installed following good station practices."

Paul - AE5JU

26378. Re: [FT897] Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:54:55 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26378

Yah, of course I'll do that first -- 13.8VDC on Pin 1.

I would not be surprised if the fuse isn't the issue; the 13.8VDC doesn't power the CAT port circuitry itself, only Pin 1. I don't know whether or not the CT-62 dongle uses that 13.8V or not; I can't find a schematic for it in the Technical Supplement materials.

Lew

On Jun 15, 2009, at 6:37 AM, Jim C wrote:
>
> The fuse was good in mine. You can check the fuse by checking to see
> if
> you have power on the pin that it feeds. Mine did and it turnedout to
> be a couple of diodes that had to be replaced instead. Of course
> diodes are cheap but I couldn't find where they were located.
>

[Non-text portions of this message have been removed]

26379. Re: Help with power

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:26:34 UTC
From: tenorman1952
Topic: 26351 Message: 26379

--- In FT897@yahoogroups.com, "chris" <chrismartin_1989@...> wrote:
>
> Hi i am new to the group please could someone tell me what would be the best power supply to use ie. what rating dose it need
>
> thanks chris M3HYT

Chris, the FT-897, when set to 100 watts, in SSB mode draws about 6 amps average, with peaks around 10 amps. In CW about 15 amps.

A Samlex SEC-1223 will power it without strain. I know several hams using these, including our club president's station.

http://www.universal-radio.com/catalog/hamps/3747.html

This link shows the USA version, 120 vac / 60 hz. But I found this link to the European version, 230 vac / 50 hz.

http://www.samlex.com/pdf/products/powersupplies.pdf

The 1223 is rated 23 amps continuous, 25 amps surge. I don't think I'd use any power supply with a rating less than 20 amps continuous.

I have the Samlex SEC-1235M, 30 amps continuous/35 amps surge, which is a little overkill, to power my Icom 718 and Yaesu FT-2800M. I bought it mostly for the meters.

http://www.universal-radio.com/catalog/hamps/1235.html

These two Samlex models are "switching" power supplies and are quite small and the price attractive.

In my FT-897 I have the Yaesu FP-30 power supply which replaces the bottom case cover and makes for a nice one-piece unit.

http://www.universal-radio.com/catalog/hamhf/45431897.html

I understand some of the early FP-30's were noisy but they have since modified them to remedy that. Mine is actually marked FP-30b. The main complaint of these is their cost, which is about double that of other power supplies.

I'm sure others will chime in with their favorite supplies.

Paul - AE5JU

26380. Re: [FT897] Display voltage changing

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:44:34 UTC
From: Thomas Wilson
Topic: 26345 Message: 26380

This is not unusual. Since you're still getting 12.5 volts at maximum draw, you're okay; if it drops below 12 when transmitting, you would want check your connections and your cabling.

Any power supply will and should have some voltage drop as the load increases. With no load, you're seeing the terminal voltage of the supply, and as the load increases, the voltage will start to drop. Voltage and amp draw are closely related; voltage is pressure and amperage is flow. With little or now current flow, the electrons are pressing against the negative terminal with 13.8 volts of pressure. As you draw some of those electrons off by increasing the current flow, the measured voltage will go down. The more amperage capacity you have, the less pronounced this effect will be, but any finite power supply will show some voltage drop as the load increases.

That's one reason I try to run 50% or more over capacity on my power supplies; the more headroom you have, the more stable your voltage will be.

You can also minimize this by making sure you're using the right connection equipment. I use spade connectors, similar to these:
http://www.radioshack.com/product/index.jsp?productId=2103477
Rather than just crimping the connector to the wire, I soldered it on, ensuring maximum current flow. Using the spade lugs, rather than just wrapping the wire also allows me to quickly remove the radio for transport.

On Wed, Jun 10, 2009 at 4:46 AM, adeymcuk <adrian@...> wrote:

>
>
> Hi Ive just bought a 2nd hand 897D and immediatley noticed something when I
> put it in the shack, when I TX on SSB the voltage shifts from between 12.5v
> up to 13.8 if I key up on FM it drops to 12.5v, im running it from a small
> SEC 1223 23amp switch mode PSU which Ive used for a long time on my TS-570DG
> and never noticed any problems, obviously the 570 doesnt have a voltage
> indication on the radio, but ive never even had the need to check it as the
> PSU always appeared to work perfectly
>
> anyone any ideas on this
>
> Adrian
> G0KOM
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26381. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:48:27 UTC
From: Thomas Wilson
Topic: 26355 Message: 26381

From what I've heard, the TS-2000 has a noisy receiver, a natural consequence of being a "compromise" rig.

Personally, if I was going to spend that kind of money (I think the TS-2000 goes for $1300-1400), I'd get an FT-450 for HF and get a separate rig for UHF/VHF: Probably an FT-8800 or 8900. The FT-8x000 series radios have dual receive, cross-band repeat, and if you have two radios, you can monitor repeaters while still working HF.

On Wed, Jun 10, 2009 at 8:52 PM, Rex <K9REX@...> wrote:

>
>
> I have the FT-857D in my car and love it but I want to know if you had a
> choice would you buy the FT-897D or TS-2000 for home use???
>
> K9REX
> Loveland, CO
>
> Save America
> http://groups.yahoo.com/group/FairTax/
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26382. Re: [FT897] Sidekick antenna

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:50:58 UTC
From: Thomas Wilson
Topic: 26352 Message: 26382

Rex, are you a new member to the group? The administrator moderates the first couple of posts for new people, so sending the same post 2 or 3 times won't get it thorough any faster, and it will annoy the moderator who has to read and approve the messages. (I run some other groups, and I have the same issues...) :-)

On Fri, Jun 12, 2009 at 7:54 AM, Rex <K9REX@...> wrote:

>
>
> I tried posting to this group with another question but my message never
> went through so I'll try again with another question now. Is anyone on this
> group using the High Sierra Sidekick with their 897? If you do use it do you
> also have the Yaesu box plugged into the radio? I have the 857D in my car
> with the ATAS and it works fine but I want a radio for the house and the 897
> does everything I want.
> Any opinions welcome.
>
> K9REX
> Loveland, CO
>
> Save America
> http://groups.yahoo.com/group/FairTax/
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26383. Re: [FT897] 857/897 MH-59 Mic Problem

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:52:57 UTC
From: Dean Gibson AE7Q
Topic: 26348 Message: 26383

See http://www.ae7q.net/doc/public/MH-59.php

On 2009-06-08 20:41, Patrick Morgan wrote:
> ... So my question have ant of you heard about the MH-59 mic's being RF sensitive and if you have how do you fix the mic to keep RF out of it.
> 73's
> w0erp
> Patrick
>

26384. Re: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 14:53:19 UTC
From: Thomas Wilson
Topic: 26362 Message: 26384

Yes, this radio mutes the receive when you tune it through HRD. There is currently no workaround. This problem (and the genreally lousy CAT support), is one reason I've given up using this radio for CAT.

However, all is not lost. You can still scan using the microphone or the front-panel scan feature, and you should also check out the SCOPE function. Much more useful than scanning.

On Mon, Jun 8, 2009 at 4:34 AM, Aristotle Zoulas <jrzoulas@...> wrote:

>
>
>
> Hello, I am having a problem where when I move the slider on Ham Radio
> Deluxe, there is a momentary mute of the sound (about 1/100 of one second).
> Its enough to be a problem as I cannot continuously change the frequency to
> tune in a station. Works fine from the radio. I posted a similar question on
> the HRD group and a few people said it was a common problem with the
> FT-857/897. Some people said they had to sell their radio because of this
> problem as they liked the program so much.
> Any Help, thanks
>
> Aristotle Zoulas, Warwick, NY.
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26385. Re: [FT897] Help with 897d

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:04:30 UTC
From: Thomas Wilson
Topic: 26364 Message: 26385

Interesting to hear another power supply question. :)

At a bare minimum, you need at least 23 amps. However, you might think about something in the 35-40A range. If (when) you get more radios later, you can simply run them all from one supply. Also, the bigger your power supply is, the less likely you are to have problems, and you'll have a more stable supply voltage.

On Sun, Jun 7, 2009 at 10:05 AM, chris <chrismartin_1989@...> wrote:

>
>
> Hi i am new to the group and will be getting my radio on tuesday however i
> would like to know what rating power supply i will need
>
> thanks in advance
>
> Chris M3HYT
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26386. Re: LDG Z-100 Battery Power?

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:17:57 UTC
From: ki6abz
Topic: 26357 Message: 26386

--- In FT897@yahoogroups.com, "zr1bob" <bob16118@...> wrote:
>
> Does anyone have info on modifying the Z-100 to operate from an internal battery? Or the possibility of powering the Z-100 from the CAT interface? W4RT shows a cable but it's discontinued.
> Thanks
> N6RDC
>

My Z-11 Pro can be operated from AA batteries. the manual even tells you how to connect an internal battery holder. All I'd need to do is get an 8 AA holder and solder the wires to the two open solder pads near the power connector.

You can also reference the manual at http://www.hsp.it/radio/ldg/Z-100/Z-100_manual.pdf

You can also use the LDG "one touch tune" interface. This will power the tuner and let the tuner key the radio for tuning.

26387. Re: [FT897] Re: Autotuner for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:21:05 UTC
From: Thomas Wilson
Topic: 26356 Message: 26387

So far, we've all had great results with the LDG tuners. I don't think you could go wrong with either one.

On Mon, Jun 15, 2009 at 5:23 AM, adastra_2001 <adastra_2001@...>wrote:

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "flprob" <w4and@...>
> wrote:
> >
> > I've just purchased an 897, first new radio ever (all previous were 2nd
> hand). I am considering an autotuner, specifically the AT-200Pro or
> AT-100Pro. I am new to this group and not familiar with navigating around
> the site yet. If anyone has advice on autotuners, or can direct me to where
> any information has been posted, please help.
> >
> > My antenna is a Cushcraft R-5 for now, hidden in the woods behind my
> house (darn antenna covenants).
> >
> > Thanks,
> >
> > Hugh W4AND
> >
> I just got an 897 as my first new radio too. Same deal, all used before.
> I'm using the AT-897 with a dipole cut for 20M. It is an L shape horizontal
> dipole at about 10M on my roof. My AT-897 brings the SWR down to less than
> 1.5:1 on 40 through 10M. It gave up on 80 and 6, not much of a surprise. I'm
> happy and this tuner bolts on the side of the radio rather than being a
> separate unit. Unless you plan to use the ATU with another radio I'd get the
> AT-897.
> Bennett AF2RF
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26388. Re: [FT897] 857/897 MH-59 Mic Problem

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:27:07 UTC
From: Thomas Wilson
Topic: 26348 Message: 26388

You should also turn your SSB mic gain down: I set mine at 10. With the dynamic mic, it had been set at 100.

You can also enable the speech processor, although I haven't noticed any real difference with mine. It's one of the soft-buttons, labelled PROC.

On Mon, Jun 15, 2009 at 7:52 AM, Dean Gibson AE7Q <yahoo@...> wrote:

>
>
> See http://www.ae7q.net/doc/public/MH-59.php
>
> On 2009-06-08 20:41, Patrick Morgan wrote:
> > ... So my question have ant of you heard about the MH-59 mic's being RF
> sensitive and if you have how do you fix the mic to keep RF out of it.
> > 73's
> > w0erp
> > Patrick
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26389. Re: [FT897] Voltage display low

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:30:32 UTC
From: K.Greenough
Topic: 26347 Message: 26389

Hello Aidrian,
If I've read your mail correctly you're saying that
the voltage reading goes up when you Tx SSB.
This could be that your RF is effecting the PSU,
you could try monitoring the voltage [at the rig end
of the cable if possible] with a known good meter,
preferably one you know is not effected by RF.
If the voltage is indeed rising then I think it's almost
certain that RF is upsetting the regulation. If the
external meter shows no change but the 897s front
panel does then it could be RF effecting the radio
or it has a fault. Have you tried using a dummy load?
If all is well using a dummy load then stray RF is the
problem, if the volt reading still goes up then there is
a fault with the sets metering.
73 Ken g8beq

[Non-text portions of this message have been removed]

26390. Re: [FT897] 857/897 MH-59 Mic Problem

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:37:06 UTC
From: K.Greenough
Topic: 26348 Message: 26390

Hello Patrick,
Two points, first you could feed the mic cable through
a ferrite ring a couple of turns at the radio end of the lead.
Secondly, taking your ground strap to the inside of the
vehicle probably destroys the shielding that the car body
would normally provide.
73 Ken g8beq

[Non-text portions of this message have been removed]

26391. Re: [FT897] Help with power

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:44:47 UTC
From: K.Greenough
Topic: 26351 Message: 26391

Hello Chris,
You really need a 25 amp supply to be able to deliver SSB without the voltage dropping. That's at 100 watts output, with your M3 call running 10 watts you can get away with a much smaller PSU, say 10 Amp, but it's best to get a supply that can power the rig when you progress to 100 watts. For a linear supply I recommend the Manson EP925 which can give 25 Amps constant and 30 Amp peaks. Switch mode PSUs are much lighter but can cause interference to your receive and can be affected by RF when transmitting.
73 Ken g8beq

[Non-text portions of this message have been removed]

26392. Re: [FT897] Power on / Power off switch

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:52:13 UTC
From: K.Greenough
Topic: 26350 Message: 26392

Hello Jeff,
Do you have 13.8 volts supply?
if the supply is low then you could possibly get this effect.
73 Ken g8beq

[Non-text portions of this message have been removed]

26393. Re: [FT897] Voltage display low

Yahoo group: FT897 (2009)
Date: 2009-06-15 16:00:17 UTC
From: K.Greenough
Topic: 26347 Message: 26393

Aidrian,
I forgot to say that winding the supply lead through a ferrite
ring a few times at the PSU end could filter out any RF
being fed into the PSU, or a clamp on ferrite.
73 Ken g8beq

[Non-text portions of this message have been removed]

26394. Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-15 16:18:09 UTC
From: George
Topic: 26308 Message: 26394

I've seen several comments concerning a SMT fuse on the CAT port, and was wondering if there was a similar one(s) on the DATA port. I have recently lost the audio out from that port that I was using to input into a PC thru a Rascal soundcard interfact when using APRS. I can barely get any signal (not enough to be recognised by the PC program) from the port even adjusting the respective volume controls all the way up. Nothing else seems to have been effected.

George
kc0woa

26395. Re: [FT897] new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-15 16:54:13 UTC
From: C. Griffin
Topic: 22707 Message: 26395

Ben,

I don't have a K3, never even used one. I do own an 897D (similar to 857D). I looked at the spec sheets I downloaded for the 897D and K3 when I was studying prior to purchase. The noise floor and sensitivity numbers are pretty similar (as they are for most rigs). I strongly suspect that the antenna you use will be much more important to your receive ability than and difference between radios. If you found a good deal on some used 857s, I would probably jump at that while it lasts. I doubt you'll be disappointed. They are great radios. I went with the 897 because in this case I was specifically looking to take it portable.

Good luck.

On Jun 13, 2009, at 20:22, ben_ramler2002 wrote:

> My name is Ben Ramler, KØBLR. I have a dilemma and really don't know
> what to do. I found 2 used 857D's for sale. However I also am
> thinking about getting a new Elecraft K3.
>
> Most of my operating is Emcomm. SSB Nets and stuff like that. The
> problem is that sometimes the 80 is very poor. So I need a reciver
> that can pull out the weak ones. However I need something that
> portable. I guess I need guidence on this.

73,
--de Chip (N1MIE), Asst. DEC Region 4 South (CT)

26396. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:05:38 UTC
From: C. Griffin
Topic: 26355 Message: 26396

Unless you have severe space considerations, I don't think the 897 is really the perfect choice for home use. It's really designed to be a portable rig. I have a TS-2000 at home and am very happy with it. With respect to the other comment that the TS-2000 is noisier, I'm not sure that the specs bear that out. The sensitivity for both receivers is 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm while it is -129 dBm for the 2000 (larger negative numbers are better). Those are pretty close. Certainly the 897D is better, but it's pretty marginal difference. I have the numbers for other bands if interested, but again they are pretty close. The biggest difference is on 2m.

On Jun 10, 2009, at 23:52, Rex wrote:

> I have the FT-857D in my car and love it but I want to know if you
> had a choice would you buy the FT-897D or TS-2000 for home use???

-- Chip
n1mie@...

26397. Re: [FT897] Display voltage changing

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:07:56 UTC
From: Jim C
Topic: 26345 Message: 26397

If it is a regulated supply, the voltage should stay constant when the
current changes

Thomas Wilson wrote:
>
>
> This is not unusual. Since you're still getting 12.5 volts at maximum
> draw,
> you're okay; if it drops below 12 when transmitting, you would want check
> your connections and your cabling.
>
> Any power supply will and should have some voltage drop as the load
> increases. With no load, you're seeing the terminal voltage of the supply,
> and as the load increases, the voltage will start to drop. Voltage and amp
> draw are closely related; voltage is pressure and amperage is flow. With
> little or now current flow, the electrons are pressing against the
> negative
> terminal with 13.8 volts of pressure. As you draw some of those electrons
> off by increasing the current flow, the measured voltage will go down. The
> more amperage capacity you have, the less pronounced this effect will be,
> but any finite power supply will show some voltage drop as the load
> increases.
>
> That's one reason I try to run 50% or more over capacity on my power
> supplies; the more headroom you have, the more stable your voltage
> will be.
>
> You can also minimize this by making sure you're using the right
> connection
> equipment. I use spade connectors, similar to these:
> http://www.radioshack.com/product/index.jsp?productId=2103477
> <http://www.radioshack.com/product/index.jsp?productId=2103477>
> Rather than just crimping the connector to the wire, I soldered it on,
> ensuring maximum current flow. Using the spade lugs, rather than just
> wrapping the wire also allows me to quickly remove the radio for
> transport.
>
> On Wed, Jun 10, 2009 at 4:46 AM, adeymcuk <adrian@...
> <mailto:adrian%40mcgonigle.net>> wrote:
>
> >
> >
> > Hi Ive just bought a 2nd hand 897D and immediatley noticed something
> when I
> > put it in the shack, when I TX on SSB the voltage shifts from

> between 12.5v
> > up to 13.8 if I key up on FM it drops to 12.5v, im running it from a
> small
> > SEC 1223 23amp switch mode PSU which Ive used for a long time on my
> TS-570DG
> > and never noticed any problems, obviously the 570 doesnt have a voltage
> > indication on the radio, but ive never even had the need to check it
> as the
> > PSU always appeared to work perfectly
> >
> > anyone any ideas on this
> >
> > Adrian
> > G0KOM
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@... <mailto:wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
>

26398. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:07:41 UTC
From: C. Griffin
Topic: 26355 Message: 26398

The FT450 has lower sensitivity on HF SSB than either the 2000 or 897 (0.25 microvolts versus 0.20). The noise floor for the 450 is substantially worse on 160m but is pretty similar for the other HF bands.

On Jun 15, 2009, at 10:48, Thomas Wilson wrote:

> From what I've heard, the TS-2000 has a noisy receiver, a natural
> consequence of being a "compromise" rig.
>
> Personally, if I was going to spend that kind of money (I think the
> TS-2000
> goes for $1300-1400), I'd get an FT-450 for HF and get a separate
> rig for
> UHF/VHF: Probably an FT-8800 or 8900. The FT-8x000 series radios
> have dual
> receive, cross-band repeat, and if you have two radios, you can
> monitor
> repeaters while still working HF.

-- Chip
n1mie@...

26399. Re: [FT897] new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:14:51 UTC
From: Thomas Wilson
Topic: 22707 Message: 26399

The K3 is an $1,800 radio, and the 897 and 857 go for around $800. Just looking at the K3, it seems to be in a whole different class. If I was considering the K3, I wouldn't even be looking at little mobile radios like the 857's, I'd be looking at mid-range rigs like the FT-950 or IC-756.

In the case of 80 meters, a more sensitive receiver isn't going to help cut through the noise. In fact, it could have quite the opposite effect. I find that on 80 and 40 meters, I get the best results with my attenuator turned on - making my receiver *less* sensitive.

On the other side of things, a good set of IF filters can help when working crowded band conditions: PSK on 40M, for example, gets pretty crowded, and having the right filter should cut down the stronger transmissions that mask weaker ones in the same 3 Khz area. That's probably the weakest area in the 897, and it's something I need to address somehow in the future.

On Mon, Jun 15, 2009 at 9:54 AM, C. Griffin <n1mie@...> wrote:

>
>
> Ben,
>
> I don't have a K3, never even used one. I do own an 897D (similar to
> 857D). I looked at the spec sheets I downloaded for the 897D and K3
> when I was studying prior to purchase. The noise floor and sensitivity
> numbers are pretty similar (as they are for most rigs). I strongly
> suspect that the antenna you use will be much more important to your
> receive ability than and difference between radios. If you found a
> good deal on some used 857s, I would probably jump at that while it
> lasts. I doubt you'll be disappointed. They are great radios. I went
> with the 897 because in this case I was specifically looking to take
> it portable.
>
> Good luck.
>
> On Jun 13, 2009, at 20:22, ben_ramler2002 wrote:
>
> > My name is Ben Ramler, KØBLR. I have a dilemma and really don't know
> > what to do. I found 2 used 857D's for sale. However I also am
> > thinking about getting a new Elecraft K3.
> >
> > Most of my operating is Emcomm. SSB Nets and stuff like that. The
> > problem is that sometimes the 80 is very poor. So I need a reciver
> > that can pull out the weak ones. However I need something that
> > portable. I guess I need guidence on this.
>

> 73,
> --de Chip (N1MIE), Asst. DEC Region 4 South (CT)
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26400. Re: Autotuner for FT-897D

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:26:29 UTC
From: ve3wmb
Topic: 26356 Message: 26400

Hugh :

I am using the LDG AT100Pro with my FT897D at my cottage station. I am using this setup with a double-sized G5RV (i.e. 204 ft long) fed with 60+ feet of ladderline, a 1:1 balun and about 10 feet of LMR400 to the tuner. I mostly operate QRP CW and this setup works very well for me. The tuner easily matches this antenna from 160m through 10m (6m is a bit iffy) and the efficiency seems to be good.

This is the third LDG I have bought (I also own an Original QRP Tuner and a Z100) and I have been very pleased with the reliability of the LDG products. I really like the AT100Pro.
With the auto-tune capability it only takes a short transmission to trigger a retune when changing bands etc. I also like that fact that this tuner has a built-in antenna switch and supports two antennas which separate tuner memories for both antennas.

Cheers,

Michael VE3WMB

--- In FT897@...m, "flprob" <w4and@...> wrote:
>
> I've just purchased an 897, first new radio ever (all previous were 2nd hand). I am considering an autotuner, specifically the AT-200Pro or AT-100Pro. I am new to this group and not familiar with navigating around the site yet. If anyone has advice on autotuners, or can direct me to where any information has been posted, please help.
>
> My antenna is a Cushcraft R-5 for now, hidden in the woods behind my house (darn antenna covenants).
>
> Thanks,
>
> Hugh W4AND
>

26401. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:39:14 UTC
From: tailfeathers
Topic: 26355 Message: 26401

Most rigs are a compromise unless they are single banded...I have both
the 897d and a TS2000...theres no comparison...The TS2000 is a much
nicer quieter, more capable radio...The 897 is a great radio but it is
much noisier and don't forget that most of its functions are buried in a
menu...I like both but for different reasons...

Gary
n8gsj

Thomas Wilson wrote:
>>From what I've heard, the TS-2000 has a noisy receiver, a natural
> consequence of being a "compromise" rig.
>
> Personally, if I was going to spend that kind of money (I think the TS-2000
> goes for $1300-1400), I'd get an FT-450 for HF and get a separate rig for
> UHF/VHF: Probably an FT-8800 or 8900. The FT-8x000 series radios have dual
> receive, cross-band repeat, and if you have two radios, you can monitor
> repeaters while still working HF.
>
>
>
> On Wed, Jun 10, 2009 at 8:52 PM, Rex <K9REX@...> wrote:
>
>>
>> I have the FT-857D in my car and love it but I want to know if you had a
>> choice would you buy the FT-897D or TS-2000 for home use???
>>
>> K9REX
>> Loveland, CO
>>
>> Save America
>> http://groups.yahoo.com/group/FairTax/
>>
>>
>>
>
>
>

_____
Get your dream car or truck. Click here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTLa8vs9hfWSrJwvL5jPSqBPGqDVV1CONQAEm4bALwJH3vuW9AXmFK/

26402. 6M Transmit

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:07:15 UTC
From: n3xusme
Topic: 26402 Message: 26402

Upon trying to transmit on 52.125, USB, my display showed, "29.600 FM". When I released to PTT, the display returned to 52.125, USB.
New rig to me, any suggestions?
73's'
Gene, N3XUS

26403. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:14:14 UTC
From: C. Griffin
Topic: 26355 Message: 26403

Agree 100%. My TS-2000 is my home rig, my first HF rig, and is quite capable and I am very happy with it. My FT-897D is my third rig. I purchased it for a portable station, something I could take to the beach or a mountaintop. So far I am very happy with it, but I am still assembling the station (I just ordered a YT-100 tuner). This July I will be at my wife's family cottage for a week. I'm looking forward to some HF work in the evenings for entertainment. (The family rule is no TV at the beach house, except for an occasional Red Sox game or weather check.) Look for me portable in MA this summer.

On Jun 15, 2009, at 13:39, tailfeathers wrote:

> Most rigs are a compromise unless they are single banded...I have both
> the 897d and a TS2000...theres no comparison...The TS2000 is a much
> nicer quieter, more capable radio...The 897 is a great radio but it is
> much noisier and don't forget that most of its functions are buried
> in a
> menu...I like both but for different reasons...

-- Chip
n1mie@...

26404. Re: [FT897] YT-100

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:18:49 UTC
From: C. Griffin
Topic: 26349 Message: 26404

I just ordered mine from HamCity for $174. I used up some of the savings with 3-day shipping. Hope to have it by the time I come off night shift so I can do some more experimenting with the station later this week. Perhaps a test trip this weekend ...

On Jun 12, 2009, at 14:30, Alan wrote:

> I just purchased an LDG YT-100 to use with my 897D and it works very
> well. It has all of the features of the AT-897 except that it is a
> standalone unit rather than a bolt-on. So far it has tuned all of
> the bands that I normally use (10, 20, 40, 80M)with my G5RV Lite
> antenna and, once the frequency is in memory, tunes in about 1 sec.
> It can also be used with the FT-857 and FT-100. It's the same
> streetprice as the AT-897.

-- Chip
n1mie@...

26405. Re: [FT897] 6M Transmit

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:17:21 UTC
From: C. Griffin
Topic: 26402 Message: 26405

Look to see if you have the split function enabled. A "SPL" will be displayed on the screen if you are in this mode. This is normally used when you have a pileup and a station is transmitting on one frequency but listening on another. Very useful in such situations. It can also be used for satellite operation, which is often on different bands. See page 38 of the manual for more details.

On Jun 15, 2009, at 14:07, n3xusme wrote:

> Upon trying to transmit on 52.125, USB, my display showed, "29.600
> FM". When I released to PTT, the display returned to 52.125, USB.
> New rig to me, any suggestions?

-- Chip
n1mie@...

26406. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 19:15:33 UTC
From: Thomas Wilson
Topic: 26355 Message: 26406

Thanks for the input, guys. The guy I talked to about it here had the opposite to say, but then there are many reasons that could be the case: bad antenna, bad unit (hey, it happens!), or just a bad operator. :)

I'll have a chance to compare my 897 side by side with a TS-2000 at Field Day; the PSK station is going to be a TS-2000 rig.

The one thing I DO like about Kenwood is that their CAT integration; you can do everything on the rig via CAT, even control the volume. This makes it much simpler to operate remotely, and I'd like to be able to set up a remote station someday.

On Mon, Jun 15, 2009 at 11:14 AM, C. Griffin <n1mie@...> wrote:

>
>
> Agree 100%. My TS-2000 is my home rig, my first HF rig, and is quite
> capable and I am very happy with it. My FT-897D is my third rig. I
> purchased it for a portable station, something I could take to the
> beach or a mountaintop. So far I am very happy with it, but I am still
> assembling the station (I just ordered a YT-100 tuner). This July I
> will be at my wife's family cottage for a week. I'm looking forward to
> some HF work in the evenings for entertainment. (The family rule is no
> TV at the beach house, except for an occasional Red Sox game or
> weather check.) Look for me portable in MA this summer.
>
>
> On Jun 15, 2009, at 13:39, tailfeathers wrote:
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> > Most rigs are a compromise unless they are single banded...I have both
> > the 897d and a TS2000...theres no comparison...The TS2000 is a much
> > nicer quieter, more capable radio...The 897 is a great radio but it is
> > much noisier and don't forget that most of its functions are buried
> > in a
> > menu...I like both but for different reasons...
>
> -- Chip
> n1mie@... <n1mie%40mac.com>
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391

KI6ABZ

[Non-text portions of this message have been removed]

26407. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 19:54:51 UTC
From: John Dennett
Topic: 26355 Message: 26407

I'm going to have to respectfully disagree. I have the 897D as a home rig, it's compact, and lives on my desk in the living room. Add Ham Radio Deluxe and you have all the ease of control that you would have with a big "base" radio, and the flexability to take it into the field on short notice. (I suggest you add powerpoles to the power cord, and you can easily transfer it to a car if needed) If your desk has room, add the MD-100 desk mike and you have a very flexible, and compact station.

73
N1XHZ
John

On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@...> wrote:
>
>
> Unless you have severe space considerations, I don't think the 897 is
> really the perfect choice for home use. It's really designed to be a
> portable rig. I have a TS-2000 at home and am very happy with it. With
> respect to the other comment that the TS-2000 is noisier, I'm not sure
> that the specs bear that out. The sensitivity for both receivers is
> 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm
> while it is -129 dBm for the 2000 (larger negative numbers are
> better). Those are pretty close. Certainly the 897D is better, but
> it's pretty marginal difference. I have the numbers for other bands if
> interested, but again they are pretty close. The biggest difference is
> on 2m.
>
> On Jun 10, 2009, at 23:52, Rex wrote:
>
>> I have the FT-857D in my car and love it but I want to know if you
>> had a choice would you buy the FT-897D or TS-2000 for home use???
>
> -- Chip
> n1mie@...
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

26408. Re: [FT897] Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:02:20 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26408

I've looked at the circuit diagram, and there is no fuse on the DATA port. The CAT port provides +13.8VDC on Pin 1, and that's the line where the fuse is located. the DATA port doesn't provide supply voltage on any pin, and hence has no fuse. In fact, according to the parts list in the Tech Specs, the CAT fuse is the ONLY fuse on the entire main circuit board. I don't know if the Yahoo system will permit it, but I have attached a screen shot of the relevant portion of the circuit diagram. Nothing but caps and resistors on the DATA port lines. You might want to try measuring the resistance to ground from each of the pins, and/or pop the lid and measure the resistance across the individual components. They're located on the top side of the main circuit board, right next to the DATA jack itself.

These little SMD fuses cost about 50 cents each, and even investing in a $12 tool designed to remove SMD components, and a tiny new tip for my soldering station, I will be 'way ahead of the cost game by replacing it myself.

And by the way, for those who posted earlier on this topic, the fuse is definitely blown. No voltage on Pin 1, and no continuity across the fuse. So I am going to replace it and see what happens. Worst case, if there's something else wrong on the board, the fuse blows again, and then I have to ship if off to Yaesu.

It will be a "learning experience" for me, since I have never worked with SMD components, but there are some good video tutorials online for how to do so, and there's a cheap ($12) kit designed to remove SMD components at low temp (300F), so as not to damage the circuit board.

Thanks to all who contributed to this discussion.

Lew K6LMP

On Jun 15, 2009, at 9:18 AM, George wrote:

>
>
> I've seen several comments concerning a SMT fuse on the CAT port,
> and was wondering if there was a similar one(s) on the DATA port. I
> have recently lost the audio out from that port that I was using to
> input into a PC thru a Rascal soundcard interfact when using APRS. I
> can barely get any signal (not enough to be recognised by the PC
> program) from the port even adjusting the respective volume controls
> all the way up. Nothing else seems to have been effected.
>
> George
> kc0woa

>
>

[Non-text portions of this message have been removed]

26409. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:30:32 UTC
From: Jim C
Topic: 26355 Message: 26409

I bought the 897d last Fall, and it is a nice radio, but navigating the menus is a problem without HRD. In Feb I bought an IC 7436 PRO and there is no comparison between it and the 897. Much less noise on receive making it easier to listen to, and fewer menus to run through. I still have the 897 for a second radio, the 897 has more bands though

John Dennett wrote:
>
>
> I'm going to have to respectfully disagree. I have the 897D as a home
> rig, it's compact, and lives on my desk in the living room. Add Ham
> Radio Deluxe and you have all the ease of control that you would have
> with a big "base" radio, and the flexability to take it into the field
> on short notice. (I suggest you add powerpoles to the power cord, and
> you can easily transfer it to a car if needed) If your desk has room,
> add the MD-100 desk mike and you have a very flexible, and compact
> station.
>
> 73
> N1XHZ
> John
>
> On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@...
> <mailto:n1mie%40mac.com>> wrote:
> >
> >
> > Unless you have severe space considerations, I don't think the 897 is
> > really the perfect choice for home use. It's really designed to be a
> > portable rig. I have a TS-2000 at home and am very happy with it. With
> > respect to the other comment that the TS-2000 is noisier, I'm not sure
> > that the specs bear that out. The sensitivity for both receivers is
> > 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm
> > while it is -129 dBm for the 2000 (larger negative numbers are
> > better). Those are pretty close. Certainly the 897D is better, but
> > it's pretty marginal difference. I have the numbers for other bands if
> > interested, but again they are pretty close. The biggest difference is
> > on 2m.
> >
> > On Jun 10, 2009, at 23:52, Rex wrote:
> >
> >> I have the FT-857D in my car and love it but I want to know if you
> >> had a choice would you buy the FT-897D or TS-2000 for home use???
> >
> > -- Chip
> > n1mie@... <mailto:n1mie%40mac.com>

> >
> >
>
> --
> May you live as long as you wish and love as long as you live.
> Robert A. Heinlein
>
>

26410. Re: [FT897] Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:34:43 UTC
From: Jim C
Topic: 26308 Message: 26410

If it blows again, I would suspect you have a short external to the rig. A bad cable or something. Check those out for intermittent shorts.

Lew Phelps K6LMP wrote:
>
>
> I've looked at the circuit diagram, and there is no fuse on the DATA
> port. The CAT port provides +13.8VDC on Pin 1, and that's the line
> where the fuse is located. the DATA port doesn't provide supply
> voltage on any pin, and hence has no fuse. In fact, according to the
> parts list in the Tech Specs, the CAT fuse is the ONLY fuse on the
> entire main circuit board. I don't know if the Yahoo system will
> permit it, but I have attached a screen shot of the relevant portion
> of the circuit diagram. Nothing but caps and resistors on the DATA
> port lines. You might want to try measuring the resistance to ground
> from each of the pins, and/or pop the lid and measure the resistance
> across the individual components. They're located on the top side of
> the main circuit board, right next to the DATA jack itself.
>
> These little SMD fuses cost about 50 cents each, and even investing in
> a $12 tool designed to remove SMD components, and a tiny new tip for
> my soldering station, I will be 'way ahead of the cost game by
> replacing it myself.
>
> And by the way, for those who posted earlier on this topic, the fuse
> is definitely blown. No voltage on Pin 1, and no continuity across the
> fuse. So I am going to replace it and see what happens. Worst case,
> if there's something else wrong on the board, the fuse blows again,
> and then I have to ship if off to Yaesu.
>
> It will be a "learning experience" for me, since I have never worked
> with SMD components, but there are some good video tutorials online
> for how to do so, and there's a cheap ($12) kit designed to remove SMD
> components at low temp (300F), so as not to damage the circuit board.
>
> Thanks to all who contributed to this discussion.
>
> Lew K6LMP
>
> On Jun 15, 2009, at 9:18 AM, George wrote:
>
> >
> >
> > I've seen several comments concerning a SMT fuse on the CAT port,
> > and was wondering if there was a similar one(s) on the DATA port. I

> > have recently lost the audio out from that port that I was using to
> > input into a PC thru a Rascal soundcard interfact when using APRS. I
> > can barely get any signal (not enough to be recognised by the PC
> > program) from the port even adjusting the respective volume controls
> > all the way up. Nothing else seems to have been effected.
> >
> > George
> > kc0woa
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

26411. Re: [FT897] Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:47:11 UTC
From: Thomas Wilson
Topic: 26308 Message: 26411

Can you post a link to the SMD removal tool? That'd be nice to have.

On Mon, Jun 15, 2009 at 1:02 PM, Lew Phelps K6LMP <k6lmp@...> wrote:

>
>
> I've looked at the circuit diagram, and there is no fuse on the DATA
> port. The CAT port provides +13.8VDC on Pin 1, and that's the line
> where the fuse is located. the DATA port doesn't provide supply
> voltage on any pin, and hence has no fuse. In fact, according to the
> parts list in the Tech Specs, the CAT fuse is the ONLY fuse on the
> entire main circuit board. I don't know if the Yahoo system will
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> from each of the pins, and/or pop the lid and measure the resistance
> across the individual components. They're located on the top side of
> the main circuit board, right next to the DATA jack itself.
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> a $12 tool designed to remove SMD components, and a tiny new tip for
> my soldering station, I will be 'way ahead of the cost game by
> replacing it myself.
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> And by the way, for those who posted earlier on this topic, the fuse
> is definitely blown. No voltage on Pin 1, and no continuity across the
> fuse. So I am going to replace it and see what happens. Worst case,
> if there's something else wrong on the board, the fuse blows again,
> and then I have to ship if off to Yaesu.
>
> It will be a "learning experience" for me, since I have never worked
> with SMD components, but there are some good video tutorials online
> for how to do so, and there's a cheap ($12) kit designed to remove SMD
> components at low temp (300F), so as not to damage the circuit board.
>
> Thanks to all who contributed to this discussion.
>
> Lew K6LMP
>
> On Jun 15, 2009, at 9:18 AM, George wrote:
>
> >
> >
> > I've seen several comments concerning a SMT fuse on the CAT port,
> > and was wondering if there was a similar one(s) on the DATA port. I

> > have recently lost the audio out from that port that I was using to
> > input into a PC thru a Rascal soundcard interfact when using APRS. I
> > can barely get any signal (not enough to be recognised by the PC
> > program) from the port even adjusting the respective volume controls
> > all the way up. Nothing else seems to have been effected.
> >
> > George
> > kc0woa
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26412. Re: [FT897] Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:52:41 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26412

here it is:

http://www.frys.com/product/2644632?site=sr:SEARCH:MAIN_RSLT_PG

lew

On Jun 15, 2009, at 1:47 PM, Thomas Wilson wrote:
Can you post a link to the SMD removal tool? That'd be nice to have.
>
>
>

[Non-text portions of this message have been removed]

26413. Re: 897D Vs TS2000 for home

Yahoo group: FT897 (2009)
Date: 2009-06-15 20:50:35 UTC
From: Dave Nelson
Topic: 26413 Message: 26413

Rex,
there's no comparison between the 2 radios, they are so
different
in so many ways especially in price!!! 897D AU$1100 TS2000 AU$2500
and $3000 is you get it with 1296 installed
that is another great feature of the TS 2000 ... the 1296 option
If I had the money I would buy the TS2000X (1296 version) today !

I use a 897D for base station and have done so for 4 years its a great radio

it really depends on your budget if you have the money to easily buy a
TS 2000 go for it, if like me, and its not in your affordibility then
the 897D will
serve you very well

Dave
VK2TDN

At 01:33 PM 6/15/2009 +0000, you wrote:
>5. 897 as home radio
> Posted by: "Rex" K9REX@... gilan34711
> Date: Mon Jun 15, 2009 5:09 am ((PDT))
>
>I have the FT-857D in my car and love it but I want to know if you had a
>choice would you buy the FT-897D or TS-2000 for home use???
>
>K9REX
>Loveland, CO

26414. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 21:27:22 UTC
From: k8rjl
Topic: 26362 Message: 26414

So if I buy the CAT cable (new USB Version from RT Systems) and I tune via HRD on the computer, I will lose audio from the PC as well? I assume I could still tune via the front radio dial and this would not happen? My goal is to run a cable from the Ext. Speaker to the line in on my PC. I like the audio going through my PC. I still TX via the headset connected directly to the radio since I don't like to mess with setting up a rig blaster.

What about running audio from the Ext. Speaker on the back of the radio to the input on your PC, would that cause the audio to be lost as well while tuning?

Rob

26415. Anyone willing to share some screenshots of HRD with your 897D??

Yahoo group: FT897 (2009)
Date: 2009-06-15 21:32:44 UTC
From: k8rjl
Topic: 26415 Message: 26415

Anyone willing to share a couple of screen shots if possible to look at how its set up. I am told that it virtually eliminates the menu system and places the options right on the screen. I am trying to decide if its the way I want to go. My email is HKUSP.40CAL at GMAIL dot com.

Thanks all,

Rob

26416. Re: [FT897] 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 21:54:11 UTC
From: Bill Husted
Topic: 26355 Message: 26416

I agree, the 897D (and I really enjoy mine as a portable radio) isn't really intended to be a main radio (or at least it isn't what I'd select). My Pro III is much easier to listen to and just a better radio. The 897D's audio is not all that pleasant.

But, as a radio to take along for use in cabins and remote locations ... it's perfect for me.

I'd select almost anything else as a main radio or, if I had to have just one radio ... even my ancient TS-830S runs circles around it.

I love the 897D for grab and go - I have the add-on power supply, so I can literally put it in a suitcase along with a dipole and have a radio in remote locations. It's perfect for that and - my opinion - that's what it was intended to be, a radio that is serviceable as far as operation.

bill KQ4YA
----- Original Message -----
From: Jim C
To: FT897@yahoogroups.com
Sent: Monday, June 15, 2009 4:30 PM
Subject: Re: [FT897] 897 as home radio

I bought the 897d last Fall, and it is a nice radio, but navigating the
menus is a problem without HRD. In Feb I bought an IC 7436 PRO and
there is no comparison between it and the 897. Much less noise on
receive making it easier to listen to, and fewer menus to run through.
I still have the 897 for a second radio, the 897 has more bands though

John Dennett wrote:
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>
> I'm going to have to respectfully disagree. I have the 897D as a home
> rig, it's compact, and lives on my desk in the living room. Add Ham
> Radio Deluxe and you have all the ease of control that you would have
> with a big "base" radio, and the flexability to take it into the field
> on short notice. (I suggest you add powerpoles to the power cord, and
> you can easily transfer it to a car if needed) If your desk has room,
> add the MD-100 desk mike and you have a very flexible, and compact
> station.
>
> 73
> N1XHZ
> John
>
> On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@...
> <mailto:n1mie%40mac.com>> wrote:

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> >
> > Unless you have severe space considerations, I don't think the 897 is
> > really the perfect choice for home use. It's really designed to be a
> > portable rig. I have a TS-2000 at home and am very happy with it. With
> > respect to the other comment that the TS-2000 is noisier, I'm not sure
> > that the specs bear that out. The sensitivity for both receivers is
> > 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm
> > while it is -129 dBm for the 2000 (larger negative numbers are
> > better). Those are pretty close. Certainly the 897D is better, but
> > it's pretty marginal difference. I have the numbers for other bands if
> > interested, but again they are pretty close. The biggest difference is
> > on 2m.
> >
> > On Jun 10, 2009, at 23:52, Rex wrote:
> >
> >> I have the FT-857D in my car and love it but I want to know if you
> >> had a choice would you buy the FT-897D or TS-2000 for home use???
> >
> > -- Chip
> > n1mie@... <mailto:n1mie%40mac.com>
> >
> >
>
> --
> May you live as long as you wish and love as long as you live.
> Robert A. Heinlein
>
>

[Non-text portions of this message have been removed]

26417. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 21:56:30 UTC
From: Thomas Wilson
Topic: 26362 Message: 26417

The audio just blips momentarily - and only when using HRD to tune.

If you use the dial to fine tune, there's no issue.

But don't hook the ext speaker jack directly to the PC. Use a ground loop isolator - keeps hum out of the PC and RF out of the radio:
http://www.radioshack.com/product/index.jsp?productId=2062214

Also, the DATA jack apparently does not have the problem. You can build a data adapter with a PS/2 cable; I just lopped one end off and directly soldered wires to the RCA plugs at one end of the ground loop isolator. The other end goes to the line out and line in ports on my external Sound Blaster.

On Mon, Jun 15, 2009 at 2:27 PM, k8rjl <hkusp.40cal@...> wrote:

>
>
> So if I buy the CAT cable (new USB Version from RT Systems) and I tune via
> HRD on the computer, I will lose audio from the PC as well? I assume I could
> still tune via the front radio dial and this would not happen? My goal is to
> run a cable from the Ext. Speaker to the line in on my PC. I like the audio
> going through my PC. I still TX via the headset connected directly to the
> radio since I don't like to mess with setting up a rig blaster.
>
> What about running audio from the Ext. Speaker on the back of the radio to
> the input on your PC, would that cause the audio to be lost as well while
> tuning?
>
> Rob
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26418. Re: [FT897] Anyone willing to share some screenshots of HRD with your 897D??

Yahoo group: FT897 (2009)
Date: 2009-06-15 21:59:07 UTC
From: Thomas Wilson
Topic: 26415 Message: 26418

Check out the web site: http://www.ham-radio-deluxe.com/

The program is free. Does control, logging, and has bundled programs for DX Cluster, digital modes, and a few other odds & ends. You can test it out without a radio connected; you select a radio emulator from the connection menu.

On Mon, Jun 15, 2009 at 2:32 PM, k8rjl <hkusp.40cal@...> wrote:

>
>
> Anyone willing to share a couple of screen shots if possible to look at how
> its set up. I am told that it virtually eliminates the menu system and
> places the options right on the screen. I am trying to decide if its the way
> I want to go. My email is HKUSP.40CAL at GMAIL dot com.
>
> Thanks all,
>
> Rob
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26419. RE: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:01:24 UTC
From: Tate Antrim
Topic: 26362 Message: 26419

I've not had this problem with mine. I am running my radio at 38.4Kbps between the rig and PC though. The default is 4.8Kbps. You may want to up the speed of communications between the rig and PC so that there's not so much waiting as commands are exchanged. You'll also notice that HRD responds extremely quickly when you are running nearly 9x faster than standard

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Aristotle Zoulas
Sent: Monday, June 08, 2009 7:35 AM
To: FT897@yahoogroups.com
Subject: [FT897] Anyone use this radio with HRD

Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
Any Help, thanks

Aristotle Zoulas, Warwick, NY.

[Non-text portions of this message have been removed]

26420. Re: Anyone willing to share some screenshots of HRD with your 897D??

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:10:01 UTC
From: k8rjl
Topic: 26415 Message: 26420

oh wow...you really do learn something new every day...I've been using HRD for my log for a long time but never knew about the emulation part...

thanks,

Rob (K8RJL SE Michigan)

26421. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:15:34 UTC
From: k8rjl
Topic: 26362 Message: 26421

Oh very nice......thanks for the info....sounds great.

Rob (K8RJL SE Michigan)

26422. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:19:29 UTC
From: John Bucsek
Topic: 26355 Message: 26422

I agree with you. The 897D makes a great "base" radio especially for someone new to the hobby (like me) who's looking to get the most flexibility out of one radio. I choose the 897D is my first HF rig because of its flexibility as a base/portable/mobile unit.

I don't find the menu system too bad, but then I'm used to Yaesu radios so I know what to expect. Most of the settings you want to tweak can be accessed through shortcuts. For those of you that didn't read this in the manual or accidentally find it, pressing and holding a menu key usually takes you to the appropriate menu mode to modify the related setting.

My 897D is setup with the FT897 autotuner and a RigBlaster Plug n Play along with HRD for rig control and digital modes. I plan on adding the internal batteries and the collins filters in time.

In time I will add a better HF base rig, as well as a real mobile VHF/UHF radio to my shack, but in the meantime the 897D is it.

73,
John - KE7WNB

--- In FT897@yahoogroups.com, John Dennett <dennett.john@...> wrote:
>
> I'm going to have to respectfully disagree. I have the 897D as a home
> rig, it's compact, and lives on my desk in the living room. Add Ham
> Radio Deluxe and you have all the ease of control that you would have
> with a big "base" radio, and the flexability to take it into the field
> on short notice. (I suggest you add powerpoles to the power cord, and
> you can easily transfer it to a car if needed) If your desk has room,
> add the MD-100 desk mike and you have a very flexible, and compact
> station.
>
> 73
> N1XHZ
> John
>
>
> On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@...> wrote:
> >
> >
> > Unless you have severe space considerations, I don't think the 897 is
> > really the perfect choice for home use. It's really designed to be a
> > portable rig. I have a TS-2000 at home and am very happy with it. With
> > respect to the other comment that the TS-2000 is noisier, I'm not sure
> > that the specs bear that out. The sensitivity for both receivers is
> > 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm
> > while it is -129 dBm for the 2000 (larger negative numbers are
> > better). Those are pretty close. Certainly the 897D is better, but

> > it's pretty marginal difference. I have the numbers for other bands if
> > interested, but again they are pretty close. The biggest difference is
> > on 2m.
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> > On Jun 10, 2009, at 23:52, Rex wrote:
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>> I have the FT-857D in my car and love it but I want to know if you
>> had a choice would you buy the FT-897D or TS-2000 for home use???
> >
> > -- Chip
> > n1mie@...
> >
> >
>
>
>
> --
> May you live as long as you wish and love as long as you live.
> Robert A. Heinlein
>

26423. Re: [FT897] Sidekick antenna

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:40:38 UTC
From: Thomas Wilson
Topic: 26352 Message: 26423

>> I tried posting to this group with another question but my message never went through so I'll try again with another question now. Is anyone on this group using the High Sierra Sidekick with their 897? If you do use it do you also have the Yaesu box plugged into the radio? I have the 857D in my car with the ATAS and it works fine but I want a radio for the house and the 897 does everything I want.

Rex, here's an ATAS interface box:

http://www.w4wb.com/BOSS/Antenna%20BOSS.htm

It says temporarily discontinued, but that does mean that there's at least hope. :)

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26424. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 00:22:13 UTC
From: Hank
Topic: 26355 Message: 26424

I use my 897D as my only HF rig, and keep it at home on my desk. My previous rigs were a Kenwood TS-520SE and a Drake TR-4C, so it's safe to say that this is a big upgrade for me.

I am extremely happy with my 897D. I live in a deed restricted townhome, so my antenna is limited to a 15' dipole in the attic surrounded by A/C ducting that is being tuned with the LDG AT-897. This is far from a great setup, but when the bands open up, I consistently hit South America, Europe, and various MMRN net controllers from Florida. I am getting good signal reports and usually keep the power at 50 watts. I am also learning how to use HRD and DM780 for the digital modes.

I'm not sure if this radio is quiter or noisier than others, but this radio is a 100 Watt DSP CAT radio with full HF, 6M, 2M, and 440. For the money, I don't know of a finer rig with so much included. And while I like having more knobs/buttons than menu's, I really don't have a problem with the menu's. I have a cheat-sheet sitting on my table that I use for the rarely changed menu settings.

This radio is no FT-2000 or IC-746, but it is also under $1000 with the LDG AT-897 and FP-30 power supply.

73,

de Hank / KB4MTO

--- In FT897@yahoogroups.com, "John Bucsek" <pwyll99@...> wrote:
>
> I agree with you. The 897D makes a great "base" radio especially for someone new to the hobby (like me) who's looking to get the most flexibility out of one radio. I choose the 897D is my first HF rig because of its flexibility as a base/portable/mobile unit.
>
> I don't find the menu system too bad, but then I'm used to Yaesu radios so I know what to expect. Most of the settings you want to tweak can be accessed through shortcuts. For those of you that didn't read this in the manual or accidentally find it, pressing and holding a menu key usually takes you to the appropriate menu mode to modify the related setting.
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> My 897D is setup with the FT897 autotuner and a RigBlaster Plug n Play along with HRD for rig control and digital modes. I plan on adding the internal batteries and the collins filters in time.
>
> In time I will add a better HF base rig, as well as a real mobile VHF/UHF radio to my shack, but in the meantime the 897D is it.
>
> 73,
> John - KE7WNB
>
>
> --- In FT897@yahoogroups.com, John Dennett <dennett.john@> wrote:

> >
> > I'm going to have to respectfully disagree. I have the 897D as a home
> > rig, it's compact, and lives on my desk in the living room. Add Ham
> > Radio Deluxe and you have all the ease of control that you would have
> > with a big "base" radio, and the flexability to take it into the field
> > on short notice. (I suggest you add powerpoles to the power cord, and
> > you can easily transfer it to a car if needed) If your desk has room,
> > add the MD-100 desk mike and you have a very flexible, and compact
> > station.
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> > 73
> > N1XHZ
> > John
> >
> >
> > On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@> wrote:
> > >
> > >
> > > Unless you have severe space considerations, I don't think the 897 is
> > > really the perfect choice for home use. It's really designed to be a
> > > portable rig. I have a TS-2000 at home and am very happy with it. With
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> > > that the specs bear that out. The sensitivity for both receivers is
> > > 0.20 microvolts. On 14MHz the noise floor for the 897D is -132.6 dBm
> > > while it is -129 dBm for the 2000 (larger negative numbers are
> > > better). Those are pretty close. Certainly the 897D is better, but
> > > it's pretty marginal difference. I have the numbers for other bands if
> > > interested, but again they are pretty close. The biggest difference is
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> > > On Jun 10, 2009, at 23:52, Rex wrote:
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> > >> had a choice would you buy the FT-897D or TS-2000 for home use???
> > >
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> > > n1mie@
> > >
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> > May you live as long as you wish and love as long as you live.
> > Robert A. Heinlein
> >
>

26425. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 00:28:51 UTC
From: willgord
Topic: 26355 Message: 26425

I guess I have to feel guilty about using my 897 in ways it was not intended to be used--as my main HF radio.

I have experience on the Yaesu 450 and find the 897 superior in most respects. For instance, I find the filtering on the 897 to be superior.

By whose ruling was the 897 not intended to be used as a main rig? I hate having these arbitrary rules imposed. Use your 897 as you want and don't you dare tell me that I am not using my 897 as it was "intended to be used."

I bought the 897 because I thought I might need to operate portably in order to make DX contacts. I lived in a New York City apartment building with no balcony and no way to mount an outdoor antenna. My fallback would be to head into Central Park and work portably. As it I am using an antenna the apartment and just worked my 42nd foreign country tonight.

It is my base station and I am delighted with it. And if I am not using it as God intended me to, tough nuggies.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "Bill Husted" <bhusted@...> wrote:
>
> I agree, the 897D (and I really enjoy mine as a portable radio) isn't really intended to be a main radio (or at least it isn't what I'd select). My Pro III is much easier to listen to and just a better radio. The 897D's audio is not all that pleasant.
>
> But, as a radio to take along for use in cabins and remote locations ... it's perfect for me.
>
> I'd select almost anything else as a main radio or, if I had to have just one radio ... even my ancient TS-830S runs circles around it.
>
> I love the 897D for grab and go - I have the add-on power supply, so I can literally put it in a suitcase along with a dipole and have a radio in remote locations. It's perfect for that and - my opinion - that's what it was intended to be, a radio that is serviceable as far as operation.
>
> bill KQ4YA
> ----- Original Message -----
> From: Jim C
> To: FT897@yahoogroups.com
> Sent: Monday, June 15, 2009 4:30 PM
> Subject: Re: [FT897] 897 as home radio
>
>

>
>
>
> I bought the 897d last Fall, and it is a nice radio, but navigating the
> menus is a problem without HRD. In Feb I bought an IC 7436 PRO and
> there is no comparison between it and the 897. Much less noise on
> receive making it easier to listen to, and fewer menus to run through.
> I still have the 897 for a second radio, the 897 has more bands though
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> > station.
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> > 73
> > N1XHZ
> > John
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> > On Mon, Jun 15, 2009 at 1:05 PM, C. Griffin<n1mie@...
> > <mailto:n1mie%40mac.com>> wrote:
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> [Non-text portions of this message have been removed]
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26426. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 00:48:35 UTC
From: Bill Husted
Topic: 26355 Message: 26426

There's sure no rule against using it as a main rig. I'm just saying that - for me - it wouldn't be the radio I would choose as my main rig.

The neat thing about radio is that we get to pick the equipment that suits us best.

Again, I'm glad I have the 897D - and am sure not intending to detract from it. It's just that - for me - it works best as my portable rig. I enjoy - just from the way it sounds and works - the Pro III more as my main rig. And that even my very old TS-830S outperforms (no charts, no specs here ... just how it feells) the 897D - it's a joy to listen to, easy to operate.

On the other hand, I can't imagine packing up my main station - as I do with the 897D - and taking it on the road. I won't part with the 897D until something comes along that does that job better at a price that I can afford to pay.

None of this means that I'm 'right' ... just means that this is what works best for me. I don't see how a person can go wrong, in fact, as long as they're using a radio that they enjoiy.

Bill KQ4YA

----- Original Message -----
From: willgord
To: FT897@yahoogroups.com
Sent: Monday, June 15, 2009 8:28 PM
Subject: [FT897] Re: 897 as home radio

I guess I have to feel guilty about using my 897 in ways it was not intended to be used--as my main HF radio.

I have experience on the Yaesu 450 and find the 897 superior in most respects. For instance, I find the filtering on the 897 to be superior.

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Gordon
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26427. Re: New 897 owner needs HELP!

Yahoo group: FT897 (2009)
Date: 2009-06-16 00:55:28 UTC
From: bigv316@ymail.com
Topic: 26335 Message: 26427

I called Yaesu today and they couldn't figure it out either so they had me reset the whole thing. I lost all of my previous settings but it works now.

Thanks,
Vince KI4HSK

26428. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 02:15:44 UTC
From: thb201
Topic: 26355 Message: 26428

I also have to respectfully disagree with some of the negative comments about this rig. It makes a very capable home rig for the money. No it won't comapre with the bigger rigs, but then it doesn't cost as much.

The business about the menu system is a non-issue as far as I'm concerned. By far most of the menu items you select once and never touch them again. In fact in our club we have several FT-897 owners who have complained about the menu situation. Yet when I sat them down in front of their radios and asked them "specifically" to show me what was so horrible they could not do so. Turns out that them complaing about having to step through all the menues wasn't true. It seemed to me that some of these people had more fun from complaining about the rig then actually using it.

Yes, there is fairly extensive menu on the FT-897. No you will not have to touch the vast majority of them after you have set them. In fact a lot of them you won't have to touch at all. Once you get them set you forget them. If you think that will bother you then this radio is probably not for you. Go for a bigger rig that has a bazillion buttons on the front, a lot of them being multifunction, and tell me if it's more fun. In fact one of the complainers in our club has a "big" Yaesu rig. I sat in with him one day and it took him longer to figure out the front panel of his big rig than his FT-897. Go figure. Also I will go on record as saying I don't think you even need to use HRD to operate the radio. Maybe if you want to enter a lot of memories yes, but to just operate the radio - nope. you might like to use HRD, and you might find it fun, but it is not necessary.

One other plus for this radio is that it is all bands, all modes. Well almost as it doesn't cover 220 MHz. My friend just bought a VHF/UHF rig that also had 10m and 6m, but only if FM mode. What a waste because around here there is next to no FM on 10 and 6. With the FT-897 I've had a ball working sideband on 6m and also 2m and 70cm. In fact after talking some of the local hams into getting on and trying 2m sideband almost every one of them said it was the most fun they've had in a long time on 2m. That it was more like real ham radio.

And the FT-897 makes a fine portable rig. I've taken mine up north with a Buddistick antenna and worked all sorts of great DX (of course that was way back in the day when we still had sunspots!).

Eventually someone will come out with a better all band all mode rig, but for now the FT-897 does a fine job. Good luck.

(usual disclaimer - just an owner, etc. etc. etc.)

73
John
VE3CXB

26429. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 03:05:32 UTC
From: Larry D. Barr, K5WLF
Topic: 26355 Message: 26429

Very well put, John. I have two FT-897Ds in my shack. One of them stays here all the time and functions as my one and only main base radio. The other one is ready to grab if I need to deploy on a drill or actual emergency.

The base radio is fitted with an LDG AT-897 tuner and I'm currently using an LDG Z-100 with the 'grab it and run' unit. I'll be putting an AT-897 tuner on it very soon. The convenience of having a wide-range tuner bolted to the rig is outstanding. Especially when operating portable.

You're totally correct, John, about not needing to change the majority of the menu settings once the radio is set up. And with a little practice you can navigate the menus you do change with ease.

I've talked around the world with my FT-897D running 'barefoot' into a Hustler 5-BTV mounted on my metal roof. I also have a Buxcomm 8010CD folded dipole strung at 15' in a shallow inverted-V configuration for NVIS (cloud warming) operation. The radio does everything I need it to do.

Would I like an FT-DX9000D? Heck, yeah! But I don't *need* one. The 897D is doing a great job.

I also agree that you don't need HRD to run the radio. I just downloaded it tonight and I'm gonna try it. I don't need it, but being a gadget freak, I'm going to give it a try. Looks like fun.

Don't let the menus keep you from enjoying a fine, versatile radio.

73,
ldb
K5WLF

thb201 wrote:
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> comments about this rig. It makes a very capable home rig for the
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>
> (usual disclaimer - just an owner, etc. etc. etc.)
>
> 73 John VE3CXB

26430. Re: [FT897] Display voltage changing

Yahoo group: FT897 (2009)
Date: 2009-06-16 03:08:29 UTC
From: kc3vo@aol.com
Topic: 26345 Message: 26430

**********An Excellent Credit Score is 750. See Yours in Just 2 Easy
Steps!
(http://pr.atwola.com/promoclk/100126575x1221322979x1201367215/aol?redir=http://www.freecr
editreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=Jun
eExcfooterNO62)

[Non-text portions of this message have been removed]

26431. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 03:41:17 UTC
From: Roger J. Buffington
Topic: 26355 Message: 26431

Hank wrote:
>
.
> This radio is no FT-2000 or IC-746, but it is also under $1000 with
> the LDG AT-897 and FP-30 power supply.

The FT897D is a howling bargain for what it does. I have a Mark V and an FT897 (late model, non-D) and while the Mark V is fantastic, the 897 does very well and I enjoy using it.

The FT897 is fantastic with HRD/DM780. Enjoy.

de Roger W6VZV

26432. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 03:41:52 UTC
From: adastra_2001
Topic: 26355 Message: 26432

I got the 897 beause I wanted a DC to Light radio as my base unit. I didn't have anything that would cover 70cm, other than an FM HT. I also wanted a unit that could be taken in the field so I can opperate from the waterfront and take advantage of the saltwater groundplane. I live 3 miles from a 50kW clear channel AM station and on my Icom 706 MKII 80M was wiped out. So I need to get away from the home QTH to opperate 80M. I also wanted it for digital modes. I'm using the Tigertronics USB sound card interface and it works great. I am still outfitting my radio, I just got it at Dayton. I will add the Collins filters and build my own custom LiFe battery pack. My first impession of the radio when I turned it on, on HF, was a lot of background noise. It could be band conditions, my inexperience with HF rigs or a lack of a sharp filter before the last detector. Either way, this will not be my only radio. Hey! What do you expect for less than $1000? My next rig will be the Flex Radio 1500. I know SDR will be the design of the future and I am going to get in on the ground floor as best I can.
Right now I'm happy with my decision.
AF2RF Bennett
73

26433. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 06:35:32 UTC
From: Jeff
Topic: 26355 Message: 26433

I find comments that the Ft897 is noisier than other radios very hard to believe, especially on the lower HF bands where the noise floor is limited not by the radio, but by the external noise coming down the antenna!

I have compared by 897 with several other radios including an IC7000 and an Ft1000 and the noise floor is virtually identical. What can be slightly different is the tone of the noise coming from the different radios. This may be down to speakers or audio stage frequency response.

It is interesting to use the IF Shift on the 897 to move the pass-band slightly, you can in most cases make the radio sounds pretty much the same as the one that you are comparing it with.

73
Jeff

26434. Re: Loss of CAT port communication

Yahoo group: FT897 (2009)
Date: 2009-06-16 10:21:39 UTC
From: kbrown1075
Topic: 26308 Message: 26434

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:

I only paid for shipping the radio to them! There was no charge for the repair or the return shipping.

>
> what did they charge?
> On Jun 14, 2009, at 5:42 AM, kbrown1075 wrote:
>
> >
> >
> > I recently had this problem and had found that the SMT fuse for the
> > CAT port had blown (I'm sure I unintentionaly hot swapped the CAT
> > cable). I lost total use of the CAT port. I located the fuse and
> > pondered replacing it myself, but elected to return it to Yaesu as
> > the radio is under waranty. The day I received the post card in the
> > mail stating that they had received the radio, the big "Brown" truck
> > tooted out front and left me my radio... less than 2 weeks from the
> > time it broke.
> >
> > Good luck.
> >
> > Kirk, N1TVF
> >
> > --- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@> wrote:
> > >
> > > I seem to have lost the ability to communicate between my FT-897 CAT
> > > port and my Mac.
> > >
> > > This affects my ability to use Don Agro's splendid MacLoggerDX
> > > program, among other things.
> > >
> > > Here's the hardware setup: CT-62 --> Keyspan 19 serial-usb converter
> > > --> USB port. Settings on rig are Tuner OFF and TUNER/LINEAR/CAT set
> > > to CAT. CAT baud rate 9600, but I have tried them all.
> > >
> > > Settings on MacLogger DX preferences are Port Type = Serial, Keyspan
> > > converter selected as a port, 9600 baud, 1 stop, FT897 selected as
> > > rig, DTR and RTS boxes checked, hardware delay 0,
> > >
> > > I have downloaded and installed the latest update of MacLoggerDX,
> > but
> > > the problems started before then. I have reinstalled the Keyspan
> > > driver. I have two CT-62 cables, and I have tried swapping them. I
> > > have two USB-Serial converters (Keyspan and IOGear), and I have

> > tried
> > > both of them. They both show up (when connected) on the pulldown
> > list
> > > of ports. Both converters work OK when connected to other devices,
> > > including a TNC. Both show up properly when I run System Profiler.
> > >
> > > I'm scratching my head at this point. It "feels" like a hardware
> > > failure in the CAT port.
> > >
> > > Any suggestions?
> > >
> > > Thanks,
> > >
> > > Lew K6MP
> > >
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

26435. RE: new to 897 group

Yahoo group: FT897 (2009)
Date: 2009-06-16 10:30:56 UTC
From: Darren S
Topic: 26435 Message: 26435

On Sun, Jun 14, 2009 at 7:37 PM, bigv316@ymail. com <bigv316@ymail. com>wrote:

>
>
> Hi all
>
> I have had my 897 for about two or three weeks now and love it. I have made
> contacts all along the south east and into west Texas from my qth in
> Florida.
> Tonight however I set up my Buddipole for 20 meters and started going up
> and down the band but every time I keyed the mic the radio would try and
> transmit 2khz up from where I was dialed in.
> I checked the manual to see if I had set up split by accident but that
> would be kind of hard to do. I have no idea what I did but if anyone can
> give me a clue I would really appreciate it.
>
> Thanks,
> Vince KI4HSK
>
>
>

probably not much help but a lot of radio have a tx shift along with a RIT. I have not seen a tx shift on the 897 but that does not mean it isn't there. If all else fails try doing a reset.

26436. Re: [FT897] 6M Transmit-Changing freq/mode?

Yahoo group: FT897 (2009)
Date: 2009-06-16 13:13:06 UTC
From: kc3vo@aol.com
Topic: 26436 Message: 26436

Turn off the "SPLIT" mode, if frequency and/or mode changes when transmit is activated. (Yes, it is described in the operating manual)--73, KC3VO, Bob Curry

**********An Excellent Credit Score is 750. See Yours in Just 2 Easy Steps!
(http://pr.atwola.com/promoclk/100126575x1221823265x1201398681/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=JuneExcfooterNO62)

[Non-text portions of this message have been removed]

26437. Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-16 13:13:35 UTC
From: wa0lhb_john
Topic: 26437 Message: 26437

Hi All,
I have my 897D set up in my shack along with several other rigs and find that it really is quite a good rig and compares quite nicely to my FT-950 in many ways.

I have the audio output from both rigs connected to an extra pair of hi-fi type speaker. One of the first things I noticed about the 897 is that the audio is rather shrill on SSB and that there are a lot of annoying off channel chirping and burping sounds coming through (loose IF bandpass filtering). I discovered that by adjusting menu item 47 [DSP LPF cutoff] down from 6 KHZ band pass to 2.4 KHZ band pass and menu item 46 [DSP HPF cutoff] up from 100HZ to 240HZ the audio is much easier to listen to on SSB. Note that these settings affect the audio electronics portion of the radio and will apply to NFM and WFM RX as well. I don't know if the DBF settings affect TX audio but suspect that they don't.

As far as the internal speaker goes.... well that's why I prefer to use an external speaker.

73s John WA0LHB

26438. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 13:13:38 UTC
From: Charles Scott
Topic: 26355 Message: 26438

All:

I find both of these reports to make sense. One is a person who lives close to an AM broadcast station and who is experiencing wide-band noise problems. The other, while they don't say whether there's any significant AM broadcast transmitters in the area, does not have a noise problem. The reason this makes sense to me is that it's consistent with a problem I diagnosed on my 897 a couple years ago.

The problem, at least with my radio, is that strong signals on the input can drive the switching diodes on the input into a non-linear range. The net result is considerable wide-band noise that extends, in my case, well up to 15 MHz and in a few places copyable replicas of a local AM station. I measured the total voltage at the shack end of the transmission line when connected to my beam, and it's a bit over a volt. I live 2 to 3 miles from 3 AM broadcast stations. This is not a problem on any other radio I've used at my location. The problem is likely due to inadequate bias on the RF switching diodes (that route RF on the receiver input) when either on or off.

The reason that I know this is what's happening with my radio is that adding attenuation to the input dramatically reduces the noise relative to good signals. Turning the preamp off and selecting the attenuator only reduces both the noise and the signals the same amount. This means that the noise is being generated at the input and before the attenuator. In the 897 there's several sets of switching diodes that could be responsible for this.

At the time I noticed this my scope was ailing and not up to diagnosing this problem. I now have one that can do this and one of these days I'll get into the radio to see what's really going on. (If I ever get through the stack of other stuff that needs attention.)

If this is a chronic problem with the 897, it would explain the vast differences in how people rate the radio and specifically the complaints about more noise than other radios. It's also not something that would show up in bench testing unless the tech was specifically looking for this kind of problem. How much one ham is affected vs another of course depends not only on their proximity to strong signal sources, but also the design and placement of their antennas.

Chuck - N8DNX

adastra_2001 wrote:
> ... I live 3 miles from a 50kW clear channel AM station ... My first impession of the radio when I turned it on, on HF, was a lot of background noise. It could be band conditions, my inexperience with HF rigs or a lack of a sharp filter before the last

detector.

Jeff wrote:
> I find comments that the Ft897 is noisier than other radios very hard to
> believe, especially on the lower HF bands where the noise floor is limited
> not by the radio, but by the external noise coming down the antenna!
>
> I have compared by 897 with several other radios including an IC7000 and an
> Ft1000 and the noise floor is virtually identical. What can be slightly
> different is the tone of the noise coming from the different radios. This
> may be down to speakers or audio stage frequency response.
>
> It is interesting to use the IF Shift on the 897 to move the pass-band
> slightly, you can in most cases make the radio sounds pretty much the same
> as the one that you are comparing it with.
>
> 73
> Jeff
>

26439. Re: Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-16 13:46:49 UTC
From: n3zjy
Topic: 26308 Message: 26439

I had my SMT fuse go a while back on my ex-857D. The CAT cable wire pulled out of the serial plug and shorted. The newer cables from G4ZLP only use 3 wires instead of 4. It doesn't need power from the rig so no possibility of shorting. So if you don't need power from the rig to control a Yaesu screwdriver, then that's the solution for you.

Dave N3ZJY

26440. Re: [FT897] FT 897 Help

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:21:08 UTC
From: chris martin
Topic: 26366 Message: 26440

i would have thought the radio shiped with it's power cord

From: Lew Phelps K6LMP <k6lmp@...>
To: FT897@yahoogroups.com
Sent: Monday, 15 June, 2009 14:26:39
Subject: Re: [FT897] FT 897 Help

Chris, I'm sure you'll enjoy your new FT-897D. In an earlier message you asked what rating power supply the rig needs. The answer is, at full transmit power output in requires 22 amps at 13.8 VDC. a 25 amp peak load power supply would be the minimum you'd want to use. If you buy an external power supply, make sure you get a power cable to attach it to the FT-897, which uses a 6-pin Molex connector for DC power (it uses two pins for + and two for -).

Yes, you can change power output through the extended menu settings. See the manual (available online) for details. It's Menu Item 75, RF POWER SET. The rig will be shipped with the default settings, which are for max power. 80-6 meters = 100 watts. 2 meters = 50 watts. 70 cm = 20 watts. The Menu Item 75 will set power levels separately for each band, so if you reduce power to 25 watts for the HF bands, that won't change the 50 watt setting for 2 meters.

73

Lew K6LMP

On Jun 13, 2009, at 2:20 PM, chris martin wrote:

>
>
> hi i will be getting my 897 on monday i have looked through the
> manual but couldn't find a answer can you change your power output
>
> Thanks in advance
> Chris M3HYT
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26441. batteries

Yahoo group: FT897 (2009)
Date: 2009-06-15 22:26:59 UTC
From: Ben Ramler
Topic: 17604 Message: 26441

Evening everyone,

Question. I have a deep cycle marine battery here at the house but I don't know anything about the battery.

here is what it says on the outside of the battery. part# is HD24-DP. Cranking at 32F is 505. Resevere capacity is 100.

based on what I have just said does anyone know what amps this battery is?

73,

Ben

26442. Re:LDG Z-100 Battery Power?

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:49:36 UTC
From: AMie
Topic: 26357 Message: 26442

Yes. I used 2 9V battery leads put together in series , and soldered one end to ground and the other to the B+ of the power plug. Works just fine. I also used a thin piece of foam to keep the batteries from being lose inside the case. I just set them on to the relays. If you want a picture of what I did I will send it. Amie N9OXO

[Non-text portions of this message have been removed]

26443. RE: [FT897] Display voltage changing

Yahoo group: FT897 (2009)
Date: 2009-06-15 15:06:25 UTC
From: Adrian McGonigle
Topic: 26345 Message: 26443

Hi Thomas

Thanks for that, nothing to worry about then, it's the first radio ive had in 30 years with a Voltage indication on the disply, I sort of suspected what you said but had wrongly assumed that being a mains PSU that as the load increases the Voltage would remain a constant 13.8, agreed on the going overboard as far as rating is concerned, its purely on a cost basis im using the little Samlex, when funds allow I will look at a better PSU, thanks again for the excellent explanation

Adrian

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Thomas Wilson
Sent: 15 June 2009 15:45
To: FT897@yahoogroups.com
Subject: Re: [FT897] Display voltage changing

This is not unusual. Since you're still getting 12.5 volts at maximum draw, you're okay; if it drops below 12 when transmitting, you would want check your connections and your cabling.

Any power supply will and should have some voltage drop as the load increases. With no load, you're seeing the terminal voltage of the supply, and as the load increases, the voltage will start to drop. Voltage and amp draw are closely related; voltage is pressure and amperage is flow. With little or now current flow, the electrons are pressing against the negative terminal with 13.8 volts of pressure. As you draw some of those electrons off by increasing the current flow, the measured voltage will go down. The more amperage capacity you have, the less pronounced this effect will be, but any finite power supply will show some voltage drop as the load increases.

That's one reason I try to run 50% or more over capacity on my power supplies; the more headroom you have, the more stable your voltage will be.

You can also minimize this by making sure you're using the right connection equipment. I use spade connectors, similar to these:
http://www.radioshack.com/product/index.jsp?productId=2103477
Rather than just crimping the connector to the wire, I soldered it on, ensuring maximum current flow. Using the spade lugs, rather than just wrapping the wire also allows me to quickly remove the radio for transport.

On Wed, Jun 10, 2009 at 4:46 AM, adeymcuk <adrian@...> wrote:
tp://docs.yahoo.com/info/terms/

26444. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 11:04:13 UTC
From: Ed B. Hudgens
Topic: 26355 Message: 26444

--- In FT897@yahoogroups.com, "Jeff" <g8hul@...> wrote:
>
> I find comments that the Ft897 is noisier than other radios very hard to
> believe, especially on the lower HF bands where the noise floor is limited
> not by the radio, but by the external noise coming down the antenna!
>
> I have compared by 897 with several other radios including an IC7000 and an
> Ft1000 and the noise floor is virtually identical. What can be slightly
> different is the tone of the noise coming from the different radios. This
> may be down to speakers or audio stage frequency response.
>
> It is interesting to use the IF Shift on the 897 to move the pass-band
> slightly, you can in most cases make the radio sounds pretty much the same
> as the one that you are comparing it with.
>
> 73
> Jeff
>

I also ran an 897 side by side with a 7000 for about a month. Several friends had sun the praises of the 7000 over the 897, but that is not the case - especially in a fixed installation. Both radios were connected to a coax switch so I could swap radios between the same antenna. Except for 6 meters, this antenns was a 170' long wire up 90' over water. I could get virtually the same filtering effect on the 897 as with the 7000, and the perceived signal was almost always clearer on the 897 than the 7000. The noise floor here in the city is very high, but was easier to manage on the 897 than the 7000.

Once I installed the 7000 in the truck, I have been very pleased with its performance. This is the environment it is best suited for. Here it is connected to a series of Hamsticks through an LDG tuner, and the performance is outstanding.

26445. Re: [FT897] 6M Transmit

Yahoo group: FT897 (2009)
Date: 2009-06-15 18:19:18 UTC
From: chris martin
Topic: 26402 Message: 26445

Make sure you haven't got a split freq set up

From: n3xusme <n3xusme@...>
To: FT897@yahoogroups.com
Sent: Monday, 15 June, 2009 19:07:15
Subject: [FT897] 6M Transmit

Upon trying to transmit on 52.125, USB, my display showed, "29.600 FM". When I released to PTT, the display returned to 52.125, USB.
New rig to me, any suggestions?
73's'
Gene, N3XUS

[Non-text portions of this message have been removed]

26446. Re: [FT897] new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-15 17:04:59 UTC
From: Randy Moore
Topic: 22707 Message: 26446

Ben,

The K3 is a totally different animal. It can have dual receivers, roofing filters, DSP at the IF level, lots of features not available in less expensive radios. There is even a panadapter available for the K3. I own an FT-857 and a FT897. I wanted a high quality DX radio so I looked at the K3 after hearing them on the air and reading the rave reviews. Some serious DXers are giving up their FT-1000 radios for the K3.

The basic K3 starts at $1849.00 in kit form. By the time you add an internal antenna tuner and other accessories you are in the $2600.00 price range. I decided to sell my TS-2000 (Kenwood), keep the FT-857 for mobile use, the FT-897 for portable use and buy a FT-950 for my shack. So far it has been a fantastic radio, and seems to hear much better than the TS-2000 did. I could have purchased two FT-950 radios for the price of one K3. So, yes I did put a price limit on how much I was willing to spend for a radio. As the saying goes, different strokes for different folks, they even make $10,000.00 radios if you want to spend that much.

If you are considering the K3 take the time to read the reviews on eham.net. The FT-857 and FT-897 are great radios, but I do not feel they are in the same class as the K3.

Randy Moore
AI4CO

C. Griffin wrote:
>
>
> Ben,
>
> I don't have a K3, never even used one. I do own an 897D (similar to
> 857D). I looked at the spec sheets I downloaded for the 897D and K3
> when I was studying prior to purchase. The noise floor and sensitivity
> numbers are pretty similar (as they are for most rigs). I strongly
> suspect that the antenna you use will be much more important to your
> receive ability than and difference between radios. If you found a
> good deal on some used 857s, I would probably jump at that while it
> lasts. I doubt you'll be disappointed. They are great radios. I went
> with the 897 because in this case I was specifically looking to take
> it portable.
>
> Good luck.
>
> On Jun 13, 2009, at 20:22, ben_ramler2002 wrote:

>
> > My name is Ben Ramler, K?BLR. I have a dilemma and really don't know
> > what to do. I found 2 used 857D's for sale. However I also am
> > thinking about getting a new Elecraft K3.
> >
> > Most of my operating is Emcomm. SSB Nets and stuff like that. The
> > problem is that sometimes the 80 is very poor. So I need a reciver
> > that can pull out the weak ones. However I need something that
> > portable. I guess I need guidence on this.
>
> 73,
> --de Chip (N1MIE), Asst. DEC Region 4 South (CT)
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.70/2177 - Release Date: 06/15/09 05:54:00
>
>

26447. Help with counterpoise & 80m wire questions and advice please ?

Yahoo group: FT897 (2009)
Date: 2009-06-15 13:10:55 UTC
From: simon.worsley
Topic: 26447 Message: 26447

Gentlemen and ladies

Very warmest wishes from London !

Firstly, sorry for being off topic and thanks for the bandwidth! I do own an FT-897D (see my other posts)

My station call is G7IVJ just getting back on HF again after a few years of non-HF

I have a few questions relating to my 10m to 160m wire antenna made by www.k1jek.com it is the 140 foot version, which is made of 420 feet of wire and should work 10m through 160m. It is installed at 38 feet to the centre as an inverted V, and each end drops to about ten feet off the ground. For a better description about the antenna take a look at: http://www.hamuniverse.com/cobraantenna

Ok, so here are my questions:

What is the true name of this antenna is it a DOUBLET or a DIPOLE ? In the ARRL book, it says Dipole = Doublet so I guess they are both the same? Please clarify

Will the antenna have a `hot' side? Ie will it TX from one leg of the antenna and use the other leg as the ground? Or does it TX from the whole of the antenna? Reason I ask is one leg of the antenna is quite surrounded by buildings and the other leg is completely in the clear so if it does matter which polarity the antenna is setup on, I will disconnect it from the balun and swap over the two wires if the hot side is the leg which is surrounded by buildings? I know it should be easy to try but actually in my set up it is quite a task to get to the balun.

This antenna works extremely well on 80mtrs (as it should I guess), on top band 160m it is workable but not great performance and similar on other bands it works, but not great performance. So I am trying to get the best performance out of this antenna across all bands. A local "G3" explained to me that although it is a balanced antenna and therefore theoretically it does not need a ground radial system, by installing a ground radial system (counterpoise) will help with performance on top band 160 metres and also the other bands. I am not convinced this will help, and would require any comments as to your thoughts on this subject.

By installing an extensive counterpoise ground radial system will it help performance with this antenna? I do have an RF ground system simply 6 x 8foot copper rods hit into the ground joined with thick earthing cable connected to the ATU by a short 4 foot length of earthing cable (the shack is in a shed literally above the soil hence short earth cable length). Which leads onto my next question: What length radials should I install? Again I have confusion about this. My garden is 140foot long by about 20 feet wide. The best option to me is to lay lengths of copper wire on the grass and pin to the ground via steel staples. Some sources say earth radials on top of the grass stapled in do not need to be any particular length as the soil constantly changes resistance. If this is the case should I install multiple ground radials of different lengths or just one very long length? Obviously it is easier to do one long length. What length should I do? Some tell me to simply lay the radials the same length as the antenna ie 140 foot or 420 foot if I go by the real length of this antenna ☐ which should I do, and how many? Others tell me I should install the ground radials one quarter of the

length of each band used but others tell me this is only applicable to ground mounted verticals. Others tell me to lay as much wire as possible and others tell me not to bother it wont make any difference.

Looking forward to your comments, and thanks for your help and advice in advance

73, Simon ☐ G7IVJ

26448. Re: [FT897] FT 897 Help

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:08:38 UTC
From: Larry D. Barr
Topic: 26366 Message: 26448

It does...

chris martin wrote:
> i would have thought the radio shiped with it's power cord

26449. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:26:01 UTC
From: Thomas Wilson
Topic: 17604 Message: 26449

Reserve capacity is another way to measure amp-hours. That's the number of minutes you can draw 25 amps before the battery gets down to 10.5 volts (this is theoretically how long you can run your car if the alternator dies)

So 100 * 25 / 60 would be 41 amp-hours. If you run a 25% duty cycle at full power, you can probably expect around 8 hours of operation, assuming the battery is in good shape. Some deep cycles have a bad habit of deteriorating fast if not maintained, however, so it might be a good idea to test it before you try to use it for anything serious.

On Mon, Jun 15, 2009 at 3:26 PM, Ben Ramler <ben_ramler2002@...>wrote:

>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house but I
> don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-DP.
> Cranking at 32F is 505. Resevere capacity is 100.
>
> based on what I have just said does anyone know what amps this battery is?
>
> 73,
>
> Ben
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26450. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:48:57 UTC
From: Jim C
Topic: 17604 Message: 26450

I think that is telling you that the cold cranking current is 50amps and
100 amps for a short burst

Ben Ramler wrote:
>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house but
> I don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-DP.
> Cranking at 32F is 505. Resevere capacity is 100.
>
> based on what I have just said does anyone know what amps this battery is?
>
> 73,
>
> Ben
>
>

26451. Re: [FT897] Help with counterpoise & 80m wire questions and advice please ?

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:57:36 UTC
From: Jim C
Topic: 26447 Message: 26451

I think if you just run a single long wire counterpoise, it will help.
Take a look at this article by Bill N8SA

http://www.hamuniverse.com/grounding.html

simon.worsley wrote:
>
>
> Gentlemen and ladies
>
> Very warmest wishes from London !
>
> Firstly, sorry for being off topic and thanks for the bandwidth! I do
> own an FT-897D (see my other posts)
>
> My station call is G7IVJ just getting back on HF again after a few
> years of non-HF
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> I have a few questions relating to my 10m to 160m wire antenna made by
> www.k1jek.com it is the 140 foot version, which is made of 420 feet of
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26452. Re: [FT897] Help with counterpoise & 80m wire questions and advice please ?

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:58:31 UTC
From: Thomas Wilson
Topic: 26447 Message: 26452

I've only heard the term "doublet" a couple of times, but if the ARRL says they're the same, I'm not sure what you need clarified. There are a few other terms here and there that are synonymous, but people still prefer one or the other. (For example, some people say "Cycles", while most of us say "Hertz".)

It looks to me like this antenna is balanced - meaning there's no hot side. The entire antenna pushes out 1/2 of a wavelength. You need both ends of the antenna to be in the clear for things to work properly. Actually, even on an unbalanced antenna, you should have both sides in the clear. It's a fallacy to think that the ground on an unbalanced antenna is less important than the radiator. The ground is still half of your signal, and removing that half makes the antenna non-resonant.

This antenna is interesting, though. It looks like a variation on the G5RV antenna, which uses the ladderline as part of the radiator: when the antenna is running off-resonance, the feedline acts like part of the antenna. This is similar to the way a discone works, if I understand correctly. (not identical, but the same general idea...)

I'm thinking that a radial system can't hurt, if it's grounded to the coax at the feedpoint... Try connecting it to the coax side of your balun.

If performance is an issue, you might also consider a parallel or fan dipole. You basically just build multiple dipole antennas fed off the same balun. My 3-band dipole currently works on 80, 40, 20, and I get 6 for free. (You get odd harmonics for free on a dipole. 6M is the 7'th harmonic of 40M)

On Mon, Jun 15, 2009 at 6:10 AM, simon.worsley <simon.worsley@yahoo.com>wrote:

>
>
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>
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> does not need a ground radial system, by installing a ground radial system
> (counterpoise) will help with performance on top band 160 metres and also
> the other bands. I am not convinced this will help, and would require any
> comments as to your thoughts on this subject.
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> 8foot copper rods hit into the ground joined with thick earthing cable
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> is in a shed literally above the soil hence short earth cable length). Which
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> constantly changes resistance. If this is the case should I install multiple
> ground radials of different lengths or just one very long length? Obviously
> it is easier to do one long length. What length should I do? Some tell me to
> simply lay the radials the same length as the antenna ie 140 foot or 420
> foot if I go by the real length of this antenna ? which should I do, and how
> many? Others tell me I should install the ground radials one quarter of the
> length of each band used but others tell me this is only applicable to
> ground mounted verticals. Others tell me to lay as much wire as possible and
> others tell me not to bother it wont make any difference.
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> advance
>
> 73, Simon ? G7IVJ
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26453. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-16 15:09:44 UTC
From: tailfeathers
Topic: 26437 Message: 26453

This is the exact audio I have with mine...The shriller audio covers up stations I readily receive on my TS2000 with 100% copy...The noise blanker will lower that a bit more on certain bands...I check in on a 10 meter net that in the hills lends itself to zero s-units on several stations and they are drowned out with this noise and I receive them fine with zero s-units with the TS2000... And as a rule I can have 2 s-units more noise on the 897 than my TS2000 at any given time...Thats in rural Montana...

Gary
n8gsj

wa0lhb_john wrote:
> Hi All,
> One of the first things I noticed about the 897 is that the audio is rather shrill on SSB and that there are a lot of annoying off channel chirping and burping sounds coming through (loose IF bandpass filtering). I discovered that by adjusting menu item 47 [DSP LPF cutoff] down from 6 KHZ band pass to 2.4 KHZ band pass and menu item 46 [DSP HPF cutoff] up from 100HZ to 240HZ the audio is much easier to listen to on SSB. Note that these settings affect the audio electronics portion of the radio and will apply to NFM and WFM RX as well. I don't know if the DBF settings affect TX audio but suspect that they don't.
>
> 73s John WA0LHB
>
>

Click to get free auto insurance quotes from top companies.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTImHbrW5LD116Gmw2s5K5yIvvu6BTABUltutPxsQBDeo2DjUVd8Du/

26454. Re: [FT897] Audio quality (Using the 897D at home)]

Yahoo group: FT897 (2009)
Date: 2009-06-16 15:13:58 UTC
From: tailfeathers
Topic: 26454 Message: 26454

One more thing what are the differences in the specs on the preamp in each radio?

Gary

This is the exact audio I have with mine...The shriller audio covers up stations I readily receive on my TS2000 with 100% copy...The noise blanker will lower that a bit more on certain bands...I check in on a 10 meter net that in the hills lends itself to zero s-units on several stations and they are drowned out with this noise and I receive them fine with zero s-units with the TS2000... And as a rule I can have 2 s-units more noise on the 897 than my TS2000 at any given time...Thats in rural Montana...

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> 73s John WA0LHB
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>

_____
You can take it with you! Click here for a luxurious new motor home and travel in style!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTD0fgvEndNezUroEQr6XMVQrXwa5E5ike3Q32H9EdGndTfq5iIV5e/

26455. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-16 15:26:43 UTC
From: Jeff
Topic: 26437 Message: 26455

----- Original Message -----
From: "tailfeathers" <tailfeathers@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, June 16, 2009 4:09 PM
Subject: Re: [FT897] Audio quality (Using the 897D at home)

>And as a rule I can have 2
> s-units more noise on the 897 than my TS2000 at any given time...Thats
> in rural Montana...

But how does the signal to noise ratio actually compare?

S-meter readings are meaningless unless a) the meters are calibrated, and b) the radios have identical gain when they are being compared (pre-amp/rf gain/attenuator settings).

The S-meter on the 897 is anything but calibrated, so using it for any comparison of noise is pointless. It is very non-linear a few dB's can change the display by several S points!! It is probably the 897's worst feature.

73
Jeff

26456. RE: [FT897] Help with counterpoise & 80m wire questions and advice please ?

Yahoo group: FT897 (2009)
Date: 2009-06-16 15:59:34 UTC
From: Cliff Bryant
Topic: 26447 Message: 26456

It's also warm down here in Dorset today....

A doublet becomes a dipole at its resonant frequency. IE two pieces of wire cut for 80m that are resonant on 80m are a dipole but if you use a tuner to load them up on say 60m they become a doublet.

By convention a dipole is simply an aerial cut for (ie resonant on) a band. I have a dipole here for 160m and another dipole for 80m and 17m. The three aerials are resonant on their respective bands. I feed them with coax and don't bother with baluns but that's another story.

If you feed the doublet with a balanced tuner or via a balun (not recommended at high mismatch) then both sides will be 'hot'. If you feed the doublet via coax you will lose considerable power in the coax as the mismatch will likely be high. You'll also get currents on the shield which will cause all sorts of trouble.

An aerial such as you describe will not be an efficient radiator on 160m as it is simply too short, yes it will radiate, but no, your signal won't be strong. I reckon that by going from an 80 meter dipole (actually it was longer to avoid high impedance so it's technically a doublet) to a 160m dipole I gained about 20dB - quite significant. 160m is a tricky band, you can often hear 'em but you can't work 'em unless you have an aerial for the job.

The G3 was suggesting a decent earth system because some folk strap the two feeders together and feed the resultant 'Marconi T' against ground. That can actually work very well but it does most definitely need a decent ground. Your earth stakes are a good start but without radials attached to them (you can simply lie them on the ground) they won't do much. Length wise there are many arguments and comments on the web: I personally have found that having say 4 or 5m of dense earth matting immediately around the base of the aerial is essential. I use galvanised matting from B & Q (2cm * 3cm slots) at the base and then a variety of radials in all directions. The key thing here is quantity and reasonable length. If you measure the impedance of the aerial you'll be quite surprised how much it will change as you add radials up until you have say 16 radials attached. You really do need to make a decent job of the earth for an unbalanced aerial.

The good news is that for the inverted V you probably won't get much improvement if you have a ground system if you are running it as a doublet and it's a reasonable job (height, construction etc) so don't fret about an earth other than for safety, RF bypass and general well being reasons unless you are end feeding a wire or the Marconi T as

described above.

One other note about an outdoors earth connected directly to the radio, make sure you don't have a PME system in the house where the neutral is bonded directly to the earth otherwise you could end up carrying you power and possibly the power of a few more houses locally to ground via you earth wire and rig! Ouch!

With aerials whatever you do your mileage will vary based upon locations and conditions.

Hope this helps and have fun.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of simon.worsley
Sent: 15 June 2009 14:11
To: FT897@yahoogroups.com
Subject: [FT897] Help with counterpoise & 80m wire questions and advice please ?

Gentlemen and ladies

Very warmest wishes from London !

Firstly, sorry for being off topic and thanks for the bandwidth! I do own an FT-897D (see my other posts)

My station call is G7IVJ just getting back on HF again after a few years of non-HF

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Ok, so here are my questions:

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Will the antenna have a `hot' side? Ie will it TX from one leg of the antenna and use the other leg as the ground? Or does it TX from the whole of the antenna? Reason I ask is one leg of the antenna is quite surrounded by buildings and the other leg is completely in the clear so if it does matter which polarity the antenna is setup on, I will disconnect it from the balun and swap over the two wires if the hot side is the leg which is surrounded by buildings? I know it should be easy to try but actually in my set up it is quite a task to get to the balun.

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Looking forward to your comments, and thanks for your help and advice in advance

73, Simon - G7IVJ

[Non-text portions of this message have been removed]

26457. RE: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-16 16:33:30 UTC
From: Ted Wrobel
Topic: 17604 Message: 26457

Hi Ben,

What you have is likely a group 24 size deep cycle battery. Assuming it is not a premium type battery it would likely be rated at about 75 Amp Hours.

You can measure the size and check the web for size charts - sizes are pretty well standardized by group.

This is commonly listed as the 20 hour rate, that is the number of amp hours you could total over a 20 hour discharge.

For 75 amp hours that would mean about 3.5 amps continuous for 20 hours.

Of course radios often run 5% transmit, 95% receive so you need to estimate the average amp draw to find out how long the battery would last.

Thus in an hour you might draw 20 amps for 3 minutes and 1 amp for 57 minutes for a total of 77 amp minutes or about 1.3 amp hours.

At that rate you might get 48 hours runtime before the voltage dropped below 11 volts.

You then get into the question of what voltage your radio will tolerate (send & receive)

Hope this helps a bit.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ben Ramler
Sent: Monday, June 15, 2009 18:27
To: FT897@yahoogroups.com
Subject: [FT897] batteries

Evening everyone,

Question. I have a deep cycle marine battery here at the house but I don't know anything about the battery.

here is what it says on the outside of the battery. part# is HD24-DP. Cranking at 32F is 505. Resevere capacity is 100.

based on what I have just said does anyone know what amps this battery is?

73,

Ben

[Non-text portions of this message have been removed]

26458. Re: [FT897] Re: Data Port fuse

Yahoo group: FT897 (2009)
Date: 2009-06-16 16:38:20 UTC
From: Lew Phelps K6LMP
Topic: 26308 Message: 26458

¡Muchas gracias, senor! Thanks for the tip.

lew

On Jun 16, 2009, at 6:46 AM, n3zjy wrote:
>
> I had my SMT fuse go a while back on my ex-857D. The CAT cable wire
> pulled out of the serial plug and shorted. The newer cables from
> G4ZLP only use 3 wires instead of 4. It doesn't need power from the
> rig so no possibility of shorting. So if you don't need power from
> the rig to control a Yaesu screwdriver, then that's the solution for
> you.
>
> Dave N3ZJY
>
>

[Non-text portions of this message have been removed]

26459. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-16 17:38:25 UTC
From: Lew Phelps K6LMP
Topic: 17604 Message: 26459

Your battery is a product of Interstate Batteries. It is a Group 24 Marine/RV starting battery, not a deep discharge battery. It has 405 Cold Cranking Amps capacity (30 sec at 32F), It will deliver 5 amps for 16.4 hours, 15 amps for 4.6 hours, and 25 amps for 1.7 hours. Assuming a 10% transmit duty cycle and transmitting at 100 watts, that would mean you could operate for about a day before having to recharge it. It sells online for about $80 plus shipping. It weighs about 40 pounds. This battery appears to be designed as a "compromise" between high cranking capacity and deep discharge.

Interstate's single-purpose deep cycle batteries (serial numbers start with U) are bigger and heavier, and have a LOT more capacity. The smallest of them, which weigh about 50% more than your battery, have almost 5 times the reserve capacity as your battery -- specifically, 474 minutes reserve capacity at 25 amps, vs 100 minutes. Your battery should be a decent battery for off-grid use, but if I were buying new, a battery designed specifically for deep cycle would be preferable. There's a trade-off in design configuration in lead-acid batteries; you can have a very high current output (which you need for cranking a cold car or boat engine), but batteries optimized for high amp output have lower overall capacity, and don't like to be fully discharged. A deep discharge battery has a lower max amperage output but much greater total amp-hour capacity, and it doesn't mind being deeply discharged. These characteristics are preferable for powering portable radios. The smallest of the deep-discharge batteries would carry you for five to 7 days on a single charge.

I found this info by googling on your part number, and landed at:

http://www.go2marine.com/product.do?no=70901F

On that page, if you click on the link "Complete Interstate Batteries Comparison with details" it will give you a PDF with extensive comparative details of all Interstate batteries.

Lew K6LMP

On Jun 15, 2009, at 3:26 PM, Ben Ramler wrote:

>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house
> but I don't know anything about the battery.
>

> here is what it says on the outside of the battery. part# is HD24-
> DP. Cranking at 32F is 505. Resevere capacity is 100.
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> based on what I have just said does anyone know what amps this
> battery is?
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> 73,
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> Ben
>
>

[Non-text portions of this message have been removed]

26460. Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-16 18:03:48 UTC
From: kc3vo@aol.com
Topic: 26460 Message: 26460

-----Original Message-----
From: kc3vo@...
To: liteways@...; FT-897@yahoogroups.com
Sent: Tue, Jun 16, 2009 1:55 pm
Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

NO, those figures do not mean 50 amps cranking and 100 amps for a short time! The figures mean that the battery will produce 505 amperes to start an engine, at a battery temperature as cold as 32 degrees F. (When so operating, the battery terminal voltage will be LESS than 12 volts) It also means that the battery can operate a specified load for at least 100 minutes before becoming excessively discharged. (This load is usually about 25 amperes) Translated into terms usable with the FT-897, this means the battery is likely to have at least 75 ampere-hours capacity at a 20 hour discharge rate, or that it can operate a device drawing 3.75 amperes for 20 hours, with a voltage of 10.8 volts or higher. (You could possibly operate the FT-897 for 8 hours of intermittant CW/SSB at 100 watts transmit, if transmit was 30% or less, before voltage dropped to
12.0 volts. The battery cannot be used for its full capacity, as its voltage is too low during a significant portion of its discharge cycle to provide proper transmit performance of the FT-897) This radio performs as intended with voltages of 12.5 to 16.0 volts, and operating below 12.5 volts is likely to result in transmit distortion and frequency instability. Receive performance is not as affected by low supply voltage. Usable capacity is thus only about 60% of what would otherwise be available from a typical 12 volt, 6 cell, lead-acid battery, because the radio does not normally operate properly between 10.8 volts and 12.0 volts! (Devices must be capable of proper operation at 10.8 volts to utilize 100% of the charge in a typical 6 cell, 12 volt lead-acid battery.)--73, KC3VO, Bob Curry
-----Original Message-----
From: Jim C <liteways@...>
To: FT897@yahoogroups.com
Sent: Tue, Jun 16, 2009 10:48 am
Subject: Re: [FT897] batteries

I think that is telling you that the cold cranking current is 50amps
and
100 amps for a short burst

Ben Ramler wrote:
>
>
>
> Evening everyone,

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> 73,
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> Ben
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Yahoo! Groups Links

26461. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-16 18:15:36 UTC
From: C. Griffin
Topic: 26355 Message: 26461

On Jun 15, 2009, at 20:28, willgord wrote:

> By whose ruling was the 897 not intended to be used as a main rig? I
> hate having these arbitrary rules imposed. Use your 897 as you want
> and don't you dare tell me that I am not using my 897 as it was
> "intended to be used."

I think some folks may be misinterpreting my remarks, and possibly the remarks of others. I think most, if not all, of us here are 897 owners. And I think that most, if not all, of us like our 897s. So I don't think any of us are trying to disparage the 897. But lets step back for a second. When an engineer sets out to design a radio, they need to make decisions along the way which sculpt the way the radio turns out. Some of these relate to the quality of the product, and some of them relate to it's intended use. When someone sets out to design a "portable" radio, they must make some compromises that may make the product less desirable in other applications. One example is the number of buttons (fewer dedicated buttons to specific functions, more multi-function buttons). This is not to say that a radio can't be used other than how it was intended, or how it was mainly envisioned. Some radios come out well and function far beyond their intended area, the 897 may well be one of those radios.

As for the subject analysis (noise floors, etc)... this can depend a lot on the environment to which your 897 is subjected. This is why I quoted numbers from the ARRL labs. It provides a more objective view of the capabilities. Of course your mileage may vary because you may live in an area where you need more intermod reject, or some other feature that is not necessarily measured, reported, or even known to be needed.

73,
--de Chip (N1MIE) FN41bn

26462. Re: new to 897 group

Yahoo group: FT897 (2009)
Date: 2009-06-16 18:37:20 UTC
From: George
Topic: 26435 Message: 26462

It is not actually that difficult to get into split mode without realizing it if you were punching buttons to see what difference they made.

Probably however you may have activated the "Clairfier" control which does the same thing as running split but in an easier format. It has a small limited freq that it can slide from the main frequency (+-9.99KHz). The easy way to tell if one of these is on is to look at the upper left of the display - if there is either a + or - you have the clarifier on, spl means you have the split mode on. To turn clarified off/on toggle the button just above center and between the two lower right dials.

see manual pages 23 and 38 for details on these modes.

George
kc0woa

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
>
> On Sun, Jun 14, 2009 at 7:37 PM, bigv316@ymail. com <bigv316@ymail. com>wrote:
>
> > >
> > >
> > > Hi all
> > >
> > > I have had my 897 for about two or three weeks now and love it. I have made
> > > contacts all along the south east and into west Texas from my qth in
> > > Florida.
> > > Tonight however I set up my Buddipole for 20 meters and started going up
> > > and down the band but every time I keyed the mic the radio would try and
> > > transmit 2khz up from where I was dialed in.
> > > I checked the manual to see if I had set up split by accident but that
> > > would be kind of hard to do. I have no idea what I did but if anyone can
> > > give me a clue I would really appreciate it.
> > >
> > > Thanks,
> > > Vince KI4HSK
> > >
> > >
> > >
>
> probably not much help but a lot of radio have a tx shift along with a RIT. I have not seen a tx shift on the 897 but that does not mean it isn't there. If all else fails try doing a reset.
>

26463. Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-16 19:38:45 UTC
From: Thomas Wilson
Topic: 26463 Message: 26463

I have a question about the Collins filters that can be installed in the FT-897. I'd prefer to hear from someone who has actually installed and used them.

Are these IF filters or audio filters? It's an important distinction because of how the receiver reacts to strong nearby signals.

Here's my situation: there are several operators in my area who also operate PSK, and most of the PSK on 20 meters lately has been within a range of maybe 1-2 Khz. There can often be 10 or more QSO's going on in a 2K range - some just barely readable, and some so close that I could drive to the operator's house in less time than it takes to exchange signal reports and rig information.

The problem is that when a strong signal comes in, it completely blanks the weaker signals, since the receiver's AGC has to cut down the input. So when a guy in the next town is transmitting, I can't hear a guy in the next state (or country.. I get a lot of Canadian and some Mexican traffic, and I've talked to Hawaii and the islands in and around Australia.)

So my question is this: If I get the 300 Hz Collins filter, will this reduce the strong neighboring signals, allowing the gain control to come back up, or is it just an audio filter, which will keep the AGC depressed, not letting me hear distant stations at all when someone 10 miles away is transmitting at 100 watts?

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26464. Re: Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-16 19:57:32 UTC
From: oceanbiz01
Topic: 26463 Message: 26464

Tom,

Thay are IF Filters. An audio filter would be massive. It wouldn't fit in the radio. I use both SSB and CW Collins filters. They are the standard for IF filters. They have been around since i was in kid in the 60's.
Now, the radio also has DSP. However, the DSP is audio DSP, not IF DSP. So, with nearby signals that are EXTEMELY strong, you will get AGC Pumping. It is unavoidable, espeically in contests where everyone is right next to each other.

And a roofing filter would help some, but roofing filters are not available for the 897. Only on very expensive radios. So, if you want a Yaesu radio, and you want IF DSP and you want a roofing filter, you should be buying an FT-1000, FT-2000, FT-950 or FT-9000

The radio is a great radio, just not a serious contesters radio, in my opinion.
I do not know if you can use the 300 Hz filter in digital mode. I never tried it because I use the mic input and speaker output for my digital modes. These connections do not go through the data port on the back of the radio. Maybe someone else here has this experience. But you will definitely see the signal of interest drop on a spectrogram from a strong nearby signal without any filtering.

Dan K3ZXL

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> I have a question about the Collins filters that can be installed in the
> FT-897. I'd prefer to hear from someone who has actually installed and used
> them.
>
> Are these IF filters or audio filters? It's an important distinction because
> of how the receiver reacts to strong nearby signals.
>
> Here's my situation: there are several operators in my area who also operate
> PSK, and most of the PSK on 20 meters lately has been within a range of
> maybe 1-2 Khz. There can often be 10 or more QSO's going on in a 2K range -
> some just barely readable, and some so close that I could drive to the
> operator's house in less time than it takes to exchange signal reports and
> rig information.
>
> The problem is that when a strong signal comes in, it completely blanks the
> weaker signals, since the receiver's AGC has to cut down the input. So when
> a guy in the next town is transmitting, I can't hear a guy in the next state
> (or country.. I get a lot of Canadian and some Mexican traffic, and I've
> talked to Hawaii and the islands in and around Australia.)
>
> So my question is this: If I get the 300 Hz Collins filter, will this reduce
> the strong neighboring signals, allowing the gain control to come back up,

> or is it just an audio filter, which will keep the AGC depressed, not
> letting me hear distant stations at all when someone 10 miles away is
> transmitting at 100 watts?
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>
> [Non-text portions of this message have been removed]
>

26465. Re: [FT897] Re: Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-16 20:08:02 UTC
From: Thomas Wilson
Topic: 26463 Message: 26465

Thanks, Dan. That helps. But I'm still not clear on something: will adding the 500Hz or 300Hz filter reduce AGC pumping, or do I pretty much have to graduate to a better radio to get around that problem?

Also, can the IF shift help with AGC pumping, or does the AGC do its magic before the signal hits the IF shift?

On Tue, Jun 16, 2009 at 12:57 PM, oceanbiz01 <dan-schaaf@...> wrote:

>
>
> Tom,
>
> Thay are IF Filters. An audio filter would be massive. It wouldn't fit in
> the radio. I use both SSB and CW Collins filters. They are the standard for
> IF filters. They have been around since i was in kid in the 60's.
> Now, the radio also has DSP. However, the DSP is audio DSP, not IF DSP. So,
> with nearby signals that are EXTEMELY strong, you will get AGC Pumping. It
> is unavoidable, espeically in contests where everyone is right next to each
> other.
>
> And a roofing filter would help some, but roofing filters are not available
> for the 897. Only on very expensive radios. So, if you want a Yaesu radio,
> and you want IF DSP and you want a roofing filter, you should be buying an
> FT-1000, FT-2000, FT-950 or FT-9000
>
> The radio is a great radio, just not a serious contesters radio, in my
> opinion.
> I do not know if you can use the 300 Hz filter in digital mode. I never
> tried it because I use the mic input and speaker output for my digital
> modes. These connections do not go through the data port on the back of the
> radio. Maybe someone else here has this experience. But you will definitely
> see the signal of interest drop on a spectrogram from a strong nearby signal
> without any filtering.
>
> Dan K3ZXL
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Thomas Wilson
> <wilsontp@...> wrote:
> >
> > I have a question about the Collins filters that can be installed in the
> > FT-897. I'd prefer to hear from someone who has actually installed and
> used
> > them.
> >

> > Are these IF filters or audio filters? It's an important distinction
> because
> > of how the receiver reacts to strong nearby signals.
> >
> > Here's my situation: there are several operators in my area who also
> operate
> > PSK, and most of the PSK on 20 meters lately has been within a range of
> > maybe 1-2 Khz. There can often be 10 or more QSO's going on in a 2K range
> -
> > some just barely readable, and some so close that I could drive to the
> > operator's house in less time than it takes to exchange signal reports
> and
> > rig information.
> >
> > The problem is that when a strong signal comes in, it completely blanks
> the
> > weaker signals, since the receiver's AGC has to cut down the input. So
> when
> > a guy in the next town is transmitting, I can't hear a guy in the next
> state
> > (or country.. I get a lot of Canadian and some Mexican traffic, and I've
> > talked to Hawaii and the islands in and around Australia.)
> >
> > So my question is this: If I get the 300 Hz Collins filter, will this
> reduce
> > the strong neighboring signals, allowing the gain control to come back
> up,
> > or is it just an audio filter, which will keep the AGC depressed, not
> > letting me hear distant stations at all when someone 10 miles away is
> > transmitting at 100 watts?
> >
> > --
> > Tom Wilson
> > wilsontp@...
> > (619)342-1391
> > KI6ABZ
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26466. Re: Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-17 02:43:06 UTC
From: wa3jpg
Topic: 26463 Message: 26466

Hi Tom -

I have the CW filter and SSB filters in my 897, both Collins. The 897 already has an audio filter - the DSP in the audio chain (works darned well when not subject to overload!)

It seems you have strong signal overload of the front end. Local stations on nearby frequencies will wreak havoc on any receiver but the very best (those that have very, very narrow front ends, some of the older radios with preselectors are fair at it!) The narrow filters will not help with really strong signals, that problem (causing AGC pumping) is up the chain.

If you are indeed dealing with locals on nearby frequencies, your best bet is to get "away" in frequency as much as you can (the roofing filter bandpass is, what, 15 kHz?), get an antenna with a null in their direction to reduce the signal strength of the offending signal, maybe even get a very, very high Q antenna tuner that attenuates the signals off to the side of your center frequency. I use an old Harvey-Wells Z match that, with my antenna, provides very high Q and attenuates signals outside a narrow bandpass. I'm not sure it helps much within 50 kHz or so, though.

Very good luck with it.

Clark
WA3JPG

26467. Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-17 02:45:34 UTC
From: Bill
Topic: 26355 Message: 26467

Well put Chip.
My 897 has its limitations and I use my Drake R4-C or FT1K for base work and my 897 for digital work.
The 897 has a little more noise than my other rigs although it does work quite well.
You covered it well with your post.
Bill

26468. Re: [FT897] Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-17 06:31:34 UTC
From: Richard Corfield
Topic: 26463 Message: 26468

I use the 500Hz one and it works reasonably well. A strong signal right next to the one I'm listening to will still give trouble, but it does narrow the band quite well. I've used it to take out some of the stronger signals on the band and select the one I'm after.

It is an IF stage filter. Mechanical not digital so can't be as sharp but quite sharp (the 300 will do better). You can shift its pass band around too which is nice.

There's an additional audio stage DSP which can maybe help make things cleaner for your computer. You can take control of the RF gain, but of course risking distortion if you turn it up in the presence of strong signals. I've not tried this.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

26469. Re: [FT897] Re: 897 as home radio

Yahoo group: FT897 (2009)
Date: 2009-06-17 06:59:01 UTC
From: Richard Corfield
Topic: 26355 Message: 26469

I think a lot depends on situation. I've taken my 897 into a field away from common electrical noise sources, run it off a battery, and had beautiful clear reception even of weak signals. I've heard everyone in a net where people in the net had trouble hearing each other.

At home I've had more difficulty at times I think because of more electrical noise from nearby houses and antenna not so in the clear, but it has worked well. I suspect there are situations where a more expensive bigger radio may have performed better or helped me make or keep the contact, but the 897 does do a good job.

One day I may buy a bigger home station. I'd also consider the 817 as a portable rig due to its reduced size and that the battery pack is included in the cost. You can do a fair amount at 5W if you get your antenna working. The 897 is quite big for just putting in a backpack but if your intention for the outing is radio then it's not a hard job to carry it up whatever mountain you're climbing. In that respect it gives you a good portable rig.

The menus can slow down operation, but then you just take things more slowly. I sometimes have trouble remembering where things are that I don't use often.

- Richard

2009/6/17 Bill <stykemup@...>

>
>
> Well put Chip.
> My 897 has its limitations and I use my Drake R4-C or FT1K for base work
> and my 897 for digital work.
> The 897 has a little more noise than my other rigs although it does work
> quite well.
> You covered it well with your post.
> Bill
>
>
>

[Non-text portions of this message have been removed]

26470. Re: [FT897] Collins Filters

Yahoo group: FT897 (2009)
Date: 2009-06-17 08:42:45 UTC
From: Florentin Nastase
Topic: 26463 Message: 26470

I use the 300Hz one and it works reasonabely also for BPSK 31 - 63 - 125, Hellschreiber and RTTY (175/ ...), only for RX.
Florentin (YO9BXC)

--- On Tue, 6/16/09, Richard Corfield <richard.corfield@...> wrote:

From: Richard Corfield <richard.corfield@...>
Subject: Re: [FT897] Collins Filters
To: FT897@yahoogroups.com
Date: Tuesday, June 16, 2009, 11:31 PM

I use the 500Hz one and it works reasonably well. A strong signal right next to the one I'm listening to will still give trouble, but it does narrow the band quite well. I've used it to take out some of the stronger signals on the band and select the one I'm after.

It is an IF stage filter. Mechanical not digital so can't be as sharp but quite sharp (the 300 will do better). You can shift its pass band around too which is nice.

There's an additional audio stage DSP which can maybe help make things cleaner for your computer. You can take control of the RF gain, but of course risking distortion if you turn it up in the presence of strong signals. I've not tried this.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26471. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:51:16 UTC
From: Ben Ramler
Topic: 17604 Message: 26471

so there's really no way of knowing at all then?

From: Jim C <liteways@...>
To: FT897@yahoogroups.com
Sent: Tuesday, June 16, 2009 9:48:57 AM
Subject: Re: [FT897] batteries

I think that is telling you that the cold cranking current is 50amps and
100 amps for a short burst

Ben Ramler wrote:
>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house but
> I don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-DP.
> Cranking at 32F is 505. Resevere capacity is 100.
>
> based on what I have just said does anyone know what amps this battery is?
>
> 73,
>
> Ben
>
>

[Non-text portions of this message have been removed]

26472. Re: [FT897] new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-16 14:50:11 UTC
From: Ben Ramler
Topic: 22707 Message: 26472

Morning Randy & Group,

I have decided to buy a used FT-897D from another ham here in MN. Randy since we are talking about radios in the shack.. I justrectly picked up a used 570D from a ham in West Fargo here rectently and I hear him use on the air before hand and he sounded good with it so...so I bought it.

In the mean time tim to go back to racking my brain on my go kit!

73,

Ben

From: Randy Moore <ai4co@...>
To: FT897@yahoogroups.com
Sent: Monday, June 15, 2009 12:04:59 PM
Subject: Re: [FT897] new to the group

Ben,

The K3 is a totally different animal. It can have dual receivers, roofing filters, DSP at the IF level, lots of features not available in less expensive radios. There is even a panadapter available for the K3. I own an FT-857 and a FT897. I wanted a high quality DX radio so I looked at the K3 after hearing them on the air and reading the rave reviews. Some serious DXers are giving up their FT-1000 radios for the K3.

The basic K3 starts at $1849.00 in kit form. By the time you add an internal antenna tuner and other accessories you are in the $2600.00 price range. I decided to sell my TS-2000 (Kenwood), keep the FT-857 for mobile use, the FT-897 for portable use and buy a FT-950 for my shack. So far it has been a fantastic radio, and seems to hear much better than the TS-2000 did. I could have purchased two FT-950 radios for the price of one K3. So, yes I did put a price limit on how much I was willing to spend for a radio. As the saying goes, different strokes for different folks, they even make $10,000.00 radios if you want to spend that much.

If you are considering the K3 take the time to read the reviews on eham.net. The FT-857 and FT-897 are great radios, but I do not feel they are in the same class as the K3.

Randy Moore
AI4CO

C. Griffin wrote:
>

>
> Ben,
>
> I don't have a K3, never even used one. I do own an 897D (similar to
> 857D). I looked at the spec sheets I downloaded for the 897D and K3
> when I was studying prior to purchase. The noise floor and sensitivity
> numbers are pretty similar (as they are for most rigs). I strongly
> suspect that the antenna you use will be much more important to your
> receive ability than and difference between radios. If you found a
> good deal on some used 857s, I would probably jump at that while it
> lasts. I doubt you'll be disappointed. They are great radios. I went
> with the 897 because in this case I was specifically looking to take
> it portable.
>
> Good luck.
>
> On Jun 13, 2009, at 20:22, ben_ramler2002 wrote:
>
> > My name is Ben Ramler, KØBLR. I have a dilemma and really don't know
> > what to do. I found 2 used 857D's for sale. However I also am
> > thinking about getting a new Elecraft K3.
> >
> > Most of my operating is Emcomm. SSB Nets and stuff like that. The
> > problem is that sometimes the 80 is very poor. So I need a reciver
> > that can pull out the weak ones. However I need something that
> > portable. I guess I need guidence on this.
>
> 73,
> --de Chip (N1MIE), Asst. DEC Region 4 South (CT)
>
>
> ------------ --------- --------- --------- --------- --------- -
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.70/2177 - Release Date: 06/15/09 05:54:00
>
>

[Non-text portions of this message have been removed]

26473. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 01:17:45 UTC
From: Ben Ramler
Topic: 17604 Message: 26473

So let me ask this then group,

    If I got an 100Mah Battery would that be enough? Please bare in mind this not just designed to power the 897 but other radios & a TNC I can recap the equipment I am going to be using if anyone likes? the issue is how do i charge it? My other question is even though the battery is charging can it still handle a load on it?

I found this battery on this would this work?

http://www.atbatt.com/product/3617.asp#tabs

From: Lew Phelps K6LMP <k6lmp@mac.com>
To: FT897@yahoogroups.com
Sent: Tuesday, June 16, 2009 12:38:25 PM
Subject: Re: [FT897] batteries

Your battery is a product of Interstate Batteries. It is a Group 24 Marine/RV starting battery, not a deep discharge battery. It has 405 Cold Cranking Amps capacity (30 sec at 32F), It will deliver 5 amps for 16.4 hours, 15 amps for 4.6 hours, and 25 amps for 1.7 hours. Assuming a 10% transmit duty cycle and transmitting at 100 watts, that would mean you could operate for about a day before having to recharge it. It sells online for about $80 plus shipping. It weighs about 40 pounds. This battery appears to be designed as a "compromise" between high cranking capacity and deep discharge.

Interstate's single-purpose deep cycle batteries (serial numbers start with U) are bigger and heavier, and have a LOT more capacity. The smallest of them, which weigh about 50% more than your battery, have almost 5 times the reserve capacity as your battery -- specifically, 474 minutes reserve capacity at 25 amps, vs 100 minutes. Your battery should be a decent battery for off-grid use, but if I were buying new, a battery designed specifically for deep cycle would be preferable. There's a trade-off in design configuration in lead-acid batteries; you can have a very high current output (which you need for cranking a cold car or boat engine), but batteries optimized for high amp output have lower overall capacity, and don't like to be fully discharged. A deep discharge battery has a lower max amperage output but much greater total amp-hour capacity, and it doesn't mind being deeply discharged. These characteristics are preferable for powering portable radios. The smallest of the deep-discharge batteries would carry you for five to 7 days on a single charge.

I found this info by googling on your part number, and landed at:

http://www.go2marin e.com/product. do?no=70901F

On that page, if you click on the link "Complete Interstate Batteries Comparison with details" it will give you a PDF with extensive comparative details of all Interstate batteries.

Lew K6LMP

On Jun 15, 2009, at 3:26 PM, Ben Ramler wrote:

>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house
> but I don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-
> DP. Cranking at 32F is 505. Resevere capacity is 100.
>
> based on what I have just said does anyone know what amps this
> battery is?
>
> 73,
>
> Ben
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26474. Re: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-16 19:10:08 UTC
From: Ben Ramler
Topic: 26460 Message: 26474

So based on what both Lew and Bob are saying this battery may not be the best idea to use then? what if my go kit was more extensive?

From: "kc3vo@..." <kc3vo@...>
To: ft897@yahoogroups.com
Sent: Tuesday, June 16, 2009 1:03:48 PM
Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

-----Original Message-----
From: kc3vo@...
To: liteways@gmail. com; FT-897@yahoogroups. com
Sent: Tue, Jun 16, 2009 1:55 pm
Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

NO, those figures do not mean 50 amps cranking and 100 amps for a short time! The figures mean that the battery will produce 505 amperes to start an engine, at a battery temperature as cold as 32 degrees F. (When so operating, the battery terminal voltage will be LESS than 12 volts) It also means that the battery can operate a specified load for at least 100 minutes before becoming excessively discharged. (This load is usually about 25 amperes) Translated into terms usable with the FT-897, this means the battery is likely to have at least 75 ampere-hours capacity at a 20 hour discharge rate, or that it can operate a device drawing 3.75 amperes for 20 hours, with a voltage of 10.8 volts or higher. (You could possibly operate the FT-897 for 8 hours of intermittant CW/SSB at 100 watts transmit, if transmit was 30% or less, before voltage dropped to
12.0 volts. The battery cannot be used for its full capacity, as its voltage is too low during a significant portion of its discharge cycle to provide proper transmit performance of the FT-897) This radio performs as intended with voltages of 12.5 to 16.0 volts, and operating below 12.5 volts is likely to result in transmit distortion and frequency instability. Receive performance is not as affected by low supply voltage. Usable capacity is thus only about 60% of what would otherwise be available from a typical 12 volt, 6 cell, lead-acid battery, because the radio does not normally operate properly between 10.8 volts and 12.0 volts! (Devices must be capable of proper operation at 10.8 volts to utilize 100% of the charge in a typical 6 cell, 12 volt lead-acid battery.)--73, KC3VO, Bob Curry
-----Original Message-----
From: Jim C <liteways@gmail. com>
To: FT897@yahoogroups. com
Sent: Tue, Jun 16, 2009 10:48 am
Subject: Re: [FT897] batteries

I think that is telling you that the cold cranking current is 50amps
and
100 amps for a short burst

Ben Ramler wrote:
>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house
but
> I don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-DP.

> Cranking at 32F is 505. Resevere capacity is 100.
>
> based on what I have just said does anyone know what amps this
battery is?
>
> 73,
>
> Ben
>
>

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

26475. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 13:17:20 UTC
From: Larry D. Barr, K5WLF
Topic: 17604 Message: 26475

Escellent battery. I use a pair of them for backup in my shack, and take
'em 'on location' when required.

73,
ldb
K5WLF

Ben Ramler wrote:
> So let me ask this then group,
>
> If I got an 100Mah Battery would that be enough? Please bare in mind
> this not just designed to power the 897 but other radios & a TNC I
> can recap the equipment I am going to be using if anyone likes? the
> issue is how do i charge it? My other question is even though the
> battery is charging can it still handle a load on it?
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> I found this battery on this would this work?
>
> http://www.atbatt.com/product/3617.asp#tabs

26476. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 14:49:18 UTC
From: Lew Phelps K6LMP
Topic: 17604 Message: 26476

Assuming worst case, which is transmitting at 100 watts output, and assuming that you could drain the battery to 90% before its output voltage drops to the point that the transmitter will go on strike, you could transmit continuously using this battery for approximately 4 hours.

If you make more realistic assumptions, such as 50 watt transmit power and 10% transmit duty cycle, and using squelch to reduce current drain when in receive mode, you're looking at much better numbers: current drain in squelch mode is 0.6 amp; in receive mode is 1 amp; in transmit mode will be about 12.5 amps. Let's assume that in receive you're in squelch mode half the time, so your average current draw when not transmitting is 0.8 amp. If you are in receive only mode, you could operate for 90 ÷ 0.8 = 112.5 hours.

Every minute you transmit at 50 watts draws 15 times as much current as when receiving. (If you transmit SSB, the current draw will be 1/2 to 1/3 what you would use on FM or AM).

If you transmit for one hour at 50 watts FM, you consume 12.5 amperes, and thus 12.5 ampere hours, That leaves 99-12.5) ÷ 0.8 = 96.875 hours receive time.

So, to generalize as a rule of thumb, your 100 ampere hour candidate battery would allow you to operate for about 100 hours. You can scale that up or down; assume about 1 ampere hour battery capacity will give you about 1 hour of operating time at 50 watts and using squelch. You can extend the time somewhat by lowering transmit power, and by operating in SSB mode, and if you turn off squelch, which you would most likely do on HF bands using SSB, you would draw more current in receive mode.

This battery should serve you well for off-grid applications. For its amp-hour capacity, it's relatively small and light; the AGM construction means you can tip it over without spilling battery acid. It should recharge quickly. There are other deep-cycle AGM batteries on the market that I would also consider if I were buying a battery right now. For one, the Optima Yellow Top D31, which has about 75 ampere hour capacity but costs less. The Optima batteries are sold by Interstate Battery dealers, and also at Sears, and at many stores that cater to off-roaders, who are fanatic fans of Yellow Top batteries for winches. If size, weight and cost are not issues, you might want to look at the Odyssey PC1800-FT, which weighs 130 pounds but packs 214 amp hours. Also AGM spiral wound, like the Optima. It has an unusual form factor -- 22 x 12 x 5 inches -- which might be desirable and might not, depending on your intended use. See http://www.odysseybattery.com/

.

Lew K6LMP

On Jun 16, 2009, at 6:17 PM, Ben Ramler wrote:

>
>
> So let me ask this then group,
>
> If I got an 100Mah Battery would that be enough? Please bare in
> mind this not just designed to power the 897 but other radios & a
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[Non-text portions of this message have been removed]

26477. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 14:51:51 UTC
From: Thomas Wilson
Topic: 17604 Message: 26477

That looks like a good battery.

Charging: you should use an automatic charger, they shut down the charging current when the battery's full. And yes, while you can run the radio off the battery while it's charging, but it's smarter to have a real power supply for base ops. A big reason is the possibility of hydrogen venting: batteries can vent hydrogen gas while charging, and hydrogen is very explosive.

The answer of whether it's "enough" is pretty simple. You just need some simple math: find out how much current you're going to draw over a 1 hour period, and then divide the battery's capacity by this number.

You mentioned a TNC, so assume I'm going to run PSK. PSK is a rather high-duty mode, but I'm going to run at 40 watts. So assume I'll draw 10 amps while transmitting, and I'll transmit maybe 1/4 of the time. That means I draw 2.5 amps in 1 hour while transmitting, and maybe 1 amp while listening during that hour. That's 3.5 aH for my radio.

The TNC might draw 500mA (I have no idea, to tell you the truth, so I'm guessing.)

So 3.5+.5=4 amps

We can't use the entire capacity of that battery, since the radio is not going to transmit well when we get below 12 volts. So let's say we can use 75 Ah. 75 Ah at a 4A rate will run your radio for about 18 hours.

On Tue, Jun 16, 2009 at 6:17 PM, Ben Ramler <ben_ramler2002@yahoo.com> wrote:
>
>
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>
>   If I got an 100Mah Battery would that be enough? Please bare in mind this not just designed to power the 897 but other radios & a TNC I can recap the equipment I am going to be using if anyone likes? the issue is how do i charge it? My other question is even though the battery is charging can it still handle a load on it?
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>

--
Tom Wilson

wilsontp@...
(619)342-1391
KI6ABZ

26478. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 15:02:04 UTC
From: ben_ramler2002@yahoo.com
Topic: 17604 Message: 26478

What if its in FM like vhf or uhf
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: Lew Phelps K6LMP <k6lmp@...>

Date: Wed, 17 Jun 2009 07:49:18
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] batteries

Assuming worst case, which is transmitting at 100 watts output, and assuming that you could drain the battery to 90% before its output voltage drops to the point that the transmitter will go on strike, you could transmit continuously using this battery for approximately 4 hours.

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If you transmit for one hour at 50 watts FM, you consume 12.5 amperes, and thus 12.5 ampere hours, That leaves 99-12.5) ? 0.8 = 96.875 hours receive time.

So, to generalize as a rule of thumb, your 100 ampere hour candidate battery would allow you to operate for about 100 hours. You can scale that up or down; assume about 1 ampere hour battery capacity will give you about 1 hour of operating time at 50 watts and using squelch. You can extend the time somewhat by lowering transmit power, and by operating in SSB mode, and if you turn off squelch, which you would most likely do on HF bands using SSB, you would draw more current in receive mode.

This battery should serve you well for off-grid applications. For its amp-hour capacity, it's relatively small and light; the AGM construction means you can tip it over without spilling battery acid. It should recharge quickly. There are other deep-cycle AGM batteries on the market that I would also consider if I were buying a battery

right now. For one, the Optima Yellow Top D31, which has about 75
ampere hour capacity but costs less. The Optima batteries are sold by
Interstate Battery dealers, and also at Sears, and at many stores that
cater to off-roaders, who are fanatic fans of Yellow Top batteries for
winches. If size, weight and cost are not issues, you might want to
look at the Odyssey PC1800-FT, which weighs 130 pounds but packs 214
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Lew K6LMP

On Jun 16, 2009, at 6:17 PM, Ben Ramler wrote:

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26479. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 15:51:09 UTC
From: Charles Scott
Topic: 17604 Message: 26479

Thomas and All:

That's true as long as you're running near the standard "20 Hour" rate, that you are willing to discharge the battery that far for each cycle, and that the radio is happy with the near full discharge voltage under load. In reality you're not going to see anywhere near the approximation you make unless you are significantly under-loading the battery.

One related note is that the quiescent state (resting without current) for a battery at 25% discharge is about 12V. When you load it, you're going to have something less than that. So if your radio needs some 12 Volts to operate well, you're either only going to be using 50% capacity or using a battery booster. If you use a battery booster, it will consume more current as the battery charge decreases, which will also decrease your usable time.

Note that batteries are often rated at their "20 Hour" rate. A 100 AH battery should therefore test to 100 AH at a discharge rate of 5 Amps. If you draw more, the total AH available will be less. If you draw less, the total AH available will be more. So, if you're using an FT-897 at 50 Watts and drawing some 12-13 Amps (simply a guess, probably more) then you may see the overall AH rate only if you also do some considerable receiving in between.

So, all this stuff affects your total usable time. How much you want to beat up your battery (it's not a good idea to regularly do a 100% discharge on some batteries), how much current you'll be drawing, what your TX/RX duty cycle is, whether you're using a booster, and even what temperature it is will all make a difference.

I think in the end when you look at lugging batteries around and how much use you might get out of them, QRP starts to be very attractive! Weight for weight, I think you're farther ahead lugging antenna stuff with lower power than battery stuff with higher power. This is also why many military manpacks are 20W maximum.

Chuck - N8DNX

Thomas Wilson wrote:
> The answer of whether it's "enough" is pretty simple. You just need
> some simple math: find out how much current you're going to draw over
> a 1 hour period, and then divide the battery's capacity by this
> number.
>
>

26480. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 17:09:27 UTC
From: Ben Ramler
Topic: 17604 Message: 26480

Maybe the best case scenerio is that I just need to have one battery for each radio. Say 55-75 MAH SLA. Granted that might mean I would need to 3 or 4. but thats ok... it would take alot of guess ork out everything. So I should be able to run for at least two days with a FT-7800R and a TNC running either APRS or Packet. Another one for Voice on VHF and UHF.

thoughts on this ideas?

From: Charles Scott <cscott@gaslightmedia.com>
To: FT897@yahoogroups.com
Sent: Wednesday, June 17, 2009 10:51:09 AM
Subject: Re: [FT897] batteries

Thomas and All:

That's true as long as you're running near the standard "20 Hour" rate, that you are willing to discharge the battery that far for each cycle, and that the radio is happy with the near full discharge voltage under load. In reality you're not going to see anywhere near the approximation you make unless you are significantly under-loading the battery.

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So, all this stuff affects your total usable time. How much you want to beat up your battery (it's not a good idea to regularly do a 100% discharge on some batteries), how much current you'll be drawing, what your TX/RX duty cycle is, whether you're using a booster, and even what temperature it is will all make a difference.

I think in the end when you look at lugging batteries around and how much use you might get out of them, QRP starts to be very attractive! Weight for weight, I think you're farther ahead lugging antenna stuff

with lower power than battery stuff with higher power. This is also why many military manpacks are 20W maximum.

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> a 1 hour period, and then divide the battery's capacity by this
> number.
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[Non-text portions of this message have been removed]

26481. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 17:44:51 UTC
From: Thomas Wilson
Topic: 17604 Message: 26481

Do you have a specific scenario in mind? Camping? Off-grid operations? Power during blackouts? Where is this going to be installed? You really want to tailor your setup to your situation. Also, have you considered field charging systems, such as solar? A generator?

A small (1KW) generator may be a better choice for some types of operations than 200 lbs worth of deep cycle batteries, but it's also not a "one size fits all" solution... However, it might be the least expensive if you only need to run off-grid once in a while. I spend most of my camping time in the desert, surrounded by guys with motorcycles and RV's, so I have a 200Ah RV battery and a generator... I can use the generator during the day when things are noisy anyway, and I can run off of battery at night.

It certainly doesn't hurt to have more than one battery, for lots of reasons, but the biggest reason to do that is reliability. Having a second battery on hand means that even if your main battery fails, you have something to fall back on.

As to the specific batteries to buy... I personally prefer to have the biggest ones that my space, size, and budget restraints can handle. The one thing you'll never wish for is that you had *less* power available. :)

You might wish your power source wasn't so BIG, but that's a different issue... having a couple of different size units on hand for different types of ops isn't a bad idea, either.

On Wed, Jun 17, 2009 at 10:09 AM, Ben Ramler<ben_ramler2002@...> wrote:
>
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> each radio. Say 55-75 MAH SLA. Granted that might mean I would need to 3 or
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> should be able to run for at least two days with a FT-7800R and a TNC
> running either APRS or Packet. Another one for Voice on VHF and UHF.
>
> thoughts on this ideas?
>
--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26482. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 18:39:20 UTC
From: Ben Ramler
Topic: 17604 Message: 26482

Hi Tom,

The senerio would be where I am at a say for example a rest stop out side and there is no power at all. As far as mounting these radios I have thought about those TRC's from tac com. For chargning well thats the other issue. i would have to find a way to charge it or just just run a small generator. I do for see not all the time running off the grid, but I want to be ready in case that situation comes up where I have no choice but to run with out the grid.

does that make sense at all? is there such a thing as a cheap generator?

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 17, 2009 12:44:51 PM
Subject: Re: [FT897] batteries

Do you have a specific scenario in mind? Camping? Off-grid operations? Power during blackouts? Where is this going to be installed? You really want to tailor your setup to your situation. Also, have you considered field charging systems, such as solar? A generator?

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As to the specific batteries to buy... I personally prefer to have the biggest ones that my space, size, and budget restraints can handle. The one thing you'll never wish for is that you had *less* power available. :)

You might wish your power source wasn't so BIG, but that's a different issue... having a couple of different size units on hand for different types of ops isn't a bad idea, either.

On Wed, Jun 17, 2009 at 10:09 AM, Ben Ramler<ben_ramler2002@ yahoo.com> wrote:
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>
--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26483. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 20:30:24 UTC
From: Thomas Wilson
Topic: 17604 Message: 26483

With generators, you can get: inexpensive, powerful, and quiet... pick any 2.

The least expensive generator by far would have to be the Champion generators, sold by some auto parts stores. I bought a 3500 watt unit from Kragen Auto Parts for about $350 just before Easter of last year (2008). They also sell a 1500 watt model for (I think) around $150.

The best *small* generator by far would be the small Honda inverter generators. They are actually DC generators that feed a 120v inverter. They're quiet, too, so you can get away with running them in places where you couldn't run a bigger, noisier one. The down side is the price... they start at around $780 for a 1000 watt model. A quick Google search for "Inverter Generator" shows many different models by different manufacturers at practically every price imaginable.

A couple of years ago, I actually picked up a small Chinese 2-stroke generator for about $90. One advantage of a 2-stroke is that they don't require crankcase oil, and they're dead simple to operate... as long as you remember to mix the oil and gas and keep spare spark plugs on hand.

When you look at generators, you want to consider the sound level and the power output. Remember that the sound level is maeasured at some distance, such as 70dB from 10 feet. But also remember that the distance dramatically affects the sound level, so use a calculator like this to adjust to some reference distance:
http://www.mcsquared.com/dbframe.htm

On Wed, Jun 17, 2009 at 11:39 AM, Ben Ramler<ben_ramler2002@...> wrote:
>
>
> Hi Tom,
>
>   The senerio would be where I am at a say for example a rest stop out
> side and there is no power at all. As far as mounting these radios I have
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> generator. I do for see not all the time running off the grid, but I want to
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>
> _____
> From: Thomas Wilson <wilsontp@...>
> To: FT897@yahoogroups.com

> Sent: Wednesday, June 17, 2009 12:44:51 PM
> Subject: Re: [FT897] batteries
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> Do you have a specific scenario in mind? Camping? Off-grid operations?
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> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>

> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26484. RE: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-17 20:33:08 UTC
From: D. F.
Topic: 17604 Message: 26484

Remember too, the 897 will only provide 20w when using the internal batteries on ANY band (supposing that is what the discussion is about - I haven't seen the entire thread).

However, supposing you are going to be off-grid due to a local power outage of some sort (usually B/C of a storm or some drunk took down the pole), you should figure at least a good 5 to 8 hours worth of operation on a back-up battery system. If there is a "widespread" outage, then you need to figure a good 24 to 48 hours MINIMUM! The type of battery makes a difference too. I use a gel-cell I was given from a friends electric wheelchair. I keep it on a float charger and it has always been there when I needed it (3 times to date in the last 4 years).

If you are planning an outing of some sort, try to plan to use the lowest power possible. If you are going to be on a hill, or at least somewhere with elevation, you will NOT need full power on UHF/VHF. Same applies to HF, but it depends on what you are trying to accomplish. If you are only talking domestic qso's, 10 to 20w should do you with no problems. If DXing, you might want more power just to be heard above the noise floor on the DX side (and DX means OUTSIDE the continental United States/Canada/Mexico).

So, that is what you need to consider when you are going to use batteries. As was stated, the more power you put into your signal will draw more amperage from the battery. Lower power will get more time on the battery, more power will get less time. Oh, and don't always believe what the manufacturer puts on the battery. In many cases it never is correct. Always give it a good test and make your calculations from that, that is the only way to get an accurate idea of how long you can run on that battery.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ben Ramler
Sent: Wednesday, June 17, 2009 13:39
To: FT897@yahoogroups.com
Subject: Re: [FT897] batteries

Hi Tom,

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does that make sense at all? is there such a thing as a cheap generator?

From: Thomas Wilson <wilsontp@gmail. <mailto:wilsontp%40gmail.com> com>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Wednesday, June 17, 2009 12:44:51 PM
Subject: Re: [FT897] batteries

Do you have a specific scenario in mind? Camping? Off-grid operations? Power during blackouts? Where is this going to be installed? You really want to tailor your setup to your situation. Also, have you considered field charging systems, such as solar? A generator?

A small (1KW) generator may be a better choice for some types of operations than 200 lbs worth of deep cycle batteries, but it's also not a "one size fits all" solution... However, it might be the least expensive if you only need to run off-grid once in a while. I spend most of my camping time in the desert, surrounded by guys with motorcycles and RV's, so I have a 200Ah RV battery and a generator... I can use the generator during the day when things are noisy anyway, and I can run off of battery at night.

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Tom Wilson
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KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26485. RE: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-18 14:42:57 UTC
From: D. F.
Topic: 17604 Message: 26485

Not really. But like I said, when you get the battery, hook it up and run your equipment and keep track of the time it takes before the power starts falling off where it is not providing proper power anymore. That is going to tell you how long you have. The figures and the math really are only approximations based on the engineering of the battery. Each battery is different since each has its own flaws and quirks that engineers really can't foresee.

The only way to know for sure is to test it out when you get it. The best way to keep it charged, IMO, is to use a float charger. I got mine at Harbour Freight and it works very well.

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ben Ramler
Sent: Tuesday, June 16, 2009 09:51
To: FT897@yahoogroups.com
Subject: Re: [FT897] batteries

so there's really no way of knowing at all then?

From: Jim C <liteways@gmail. <mailto:liteways%40gmail.com> com>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Tuesday, June 16, 2009 9:48:57 AM
Subject: Re: [FT897] batteries

I think that is telling you that the cold cranking current is 50amps and

100 amps for a short burst

Ben Ramler wrote:
>
>
>
> Evening everyone,
>
> Question. I have a deep cycle marine battery here at the house but
> I don't know anything about the battery.
>
> here is what it says on the outside of the battery. part# is HD24-DP.
> Cranking at 32F is 505. Resevere capacity is 100.
>

> based on what I have just said does anyone know what amps this battery
is?
>
> 73,
>
> Ben
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26486. Re: [FT897] Re: QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-18 16:44:15 UTC
From: Minto Witteveen
Topic: 26315 Message: 26486

Steve,

I have not seem spikes to 100 Watts when output power is set to 5 Watts, but even 30 Watts spikes may cause damage.

If I find the time in the coming weeks I will investigate the behavior with ALC bias applied to the ACC jack. but I can't promise anything as I am quite busy at the moment (And I also cannot find a mini DIN plug in my junkbox, although I was sure I had one..)

Kind regards,

Minto Witteveen pa3bca

----- Original Message -----
From: "Steve Yates" <aa5tb@...>
To: <FT897@yahoogroups.com>
Sent: Monday, June 15, 2009 05:22
Subject: [FT897] Re: QRO Spikes at QRP

Hi Minto,

Thank you very much for your investigation. You have confirmed my fears, the FT-897D can only run at reduced power after a 100W spike.

I wonder if a fix maybe to apply an external bias voltage on the ACC Jack to use as a fixed ALC voltage? This could be a 9V battery with a potentiometer. This way the output should be reduced from the start. It might even be easier then going through all the menus. In fact, an external box with a momentary DPDT switch, 9V battery, pot., and a three-wire cable could send the rig a "TX request" and an ALC voltage for reduced power all at the same time to make a nifty "tune" button for automatic antenna tuners (ref. ACC Jack, pg. 18 of manual).

73,
Steve - AA5TB

26487. Re: reducing power during tuning (was: QRO Spikes at QRP)

Yahoo group: FT897 (2009)
Date: 2009-06-18 21:00:40 UTC
From: Geert Jan de Groot
Topic: 26487 Message: 26487

> I wonder if a fix maybe to apply an external bias voltage on the ACC Jack to
> use as a fixed ALC voltage? This could be a 9V battery with a
> potentiometer. This way the output should be reduced from the start. It
> might even be easier then going through all the menus. In fact, an external
> box with a momentary DPDT switch, 9V battery, pot., and a three-wire cable
> could send the rig a "TX request" and an ALC voltage for reduced power all
> at the same time to make a nifty "tune" button for automatic antenna tuners
> (ref. ACC Jack, pg. 18 of manual).

Please don't muck about with external battaries - you're endangering
your CPU if the plug isn't in in full when you hit the tune button.

There's another way to trigger the processor in battary mode,
automagically reducing power to 20 watts, but only during tuning -
see the files section of this group for the way I did it.
Just requires one diode, one resistor, and no external kit.
Works beautifully with the AT897, too.

Geert Jan

26488. New Addition

Yahoo group: FT897 (2009)
Date: 2009-06-18 21:10:26 UTC
From: C. Griffin
Topic: 26488 Message: 26488

Just purchased an LDG YT-100 for my FT-897D. It came in the mail yesterday and I got a chance to put it through it's paces today. I connected it to a Buddipole in a 20m Vertical configuration. The counterpoise fell to the ground during the initial tuning, which made it hard for it to tune. But after I noticed and propped the counterpoise back up it tuned great. I was able to get a very low SWR (barely registered on the 897 meter) throughout the band. I didn't make any contacts, but it was raining, windy, and I only had a little time before I had to pack up and get ready for a club meeting. Speaking of which I need to shoot this off and go ...

73,
--de Chip (N1MIE) FN41bn

26489. WTB: MFJ-259b

Yahoo group: FT897 (2009)
Date: 2009-06-19 03:37:00 UTC
From: bigv316@ymail.com
Topic: 26489 Message: 26489

Hi Guys

I am looking for a used mfj 259b in good condition. Please email me at bigv316@...

Thanks, Vince KI4HSK

26490. Recall of BattEQ Battery Equalizers by SmartSpark Energy Systems

Yahoo group: FT897 (2009)
Date: 2009-06-19 19:29:37 UTC
From: Randy Charles Ford
Topic: 26490 Message: 26490

There's a recall of BattEQ Battery Equalizers manufactured by SmartSpark Energy Systems Inc., of Champaign, Ill. The recalled equalizers can overheat, posing a fire and burn hazard. The U.S. Consumer Product Safety Commission's web page on this is at http://www.cpsc.gov/cpscpub/prerel/prhtml09/09249.html

The product has been discontinued by the manufacture and a refund is available.

73,
randy - kg4jix.

26491. Come join me on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-19 23:20:08 UTC
From: Charlie Maggs
Topic: 26491 Message: 26491

UK Independence Party:

Come join me on UK Independence Party!

Charlie Maggs

Click the link below to Join:
http://ukindependenceparty.ning.com/?xgi=bFUtll1

If your email program doesn't recognize the web address above as an active link,
please copy and paste it into your web browser

Members already on UK Independence Party
alison piearce, John Boakes, Richard S Nicholl, Chris Cassidy, James Moore

---

About UK Independence Party
UK Independence Party

211 members
47 photos
15 videos
104 blog posts

To control which emails you receive on the corner, or to opt-out, go to:
http://ukindependenceparty.ning.com/?xgo=cMSEs04NxlV-YR3qw7OjUagXb0Lk6eNqRe6cg53nIfvFtfgeZ32mpni/0gLmhner

[Non-text portions of this message have been removed]

26492. Re: [FT897] Come join me on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-19 23:34:17 UTC
From: Joe
Topic: 26491 Message: 26492

The worst kind..political spam.

How fast can we say goodbye to this individual?!!

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Charlie Maggs" <charlie2e1dxy@...>
To: <FT897@yahoogroups.com>
Sent: Friday, June 19, 2009 4:20 PM
Subject: [FT897] Come join me on UK Independence Party.

> UK Independence Party:
> --------------------
>
> Come join me on UK Independence Party!
>
> Charlie Maggs

26493. Re: Come join me on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-19 23:42:29 UTC
From: ki6abz
Topic: 26491 Message: 26493

Best thing to do with mailing list spam is NOT reply to it. That will just add to everyone's inbox load. The list admin will take action without our help. :)

(And yes, I'm aware of the irony inherent in posting a reply that asks people NOT to post replies...)

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> The worst kind..political spam.
>
> How fast can we say goodbye to this individual?!!
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Charlie Maggs" <charlie2e1dxy@...>
> To: <FT897@yahoogroups.com>
> Sent: Friday, June 19, 2009 4:20 PM
> Subject: [FT897] Come join me on UK Independence Party.
>
>
> > UK Independence Party:
> > --------------------
> >
> > Come join me on UK Independence Party!
> >
> > Charlie Maggs
>

26494. Re: [FT897] Come join me on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-19 23:51:00 UTC
From: David Harris
Topic: 26491 Message: 26494

Don't savage him quite yet, I think his accounts been hacked

The address doesn't look like its the right one for that lot, probably goes to trojan-pushers. His emailer spammed the 817 list as well and he might not even know yet.

Dave H G0CER

26495. Re: QRO Spikes at QRP

Yahoo group: FT897 (2009)
Date: 2009-06-20 00:24:28 UTC
From: Steve Yates
Topic: 26315 Message: 26495

Hi Minto,

I already did it. I applied a negative voltage to the ALC pin of the radio and I can adjust the power output down to milliwatts. The specification for the ALC voltage is 0 to -4.5 Volts so I threw together a quick voltage divider with an external battery just to test it out. I think that the high power spike is now gone but I haven't tested it throughly yet to make sure all modes behave properly. Grounded the tx pin causes the transmitter to transmit a carrier no matter what mode you are in so it would be great for automatic antenna tuners.

When I get some time maybe I'll fabricate a small box with a 9V battery and I'll usr a pot for power adjust and a momentary switch for tuning. And of course a fixed resistor to keep the ALC voltage between 0 and probably about -5V.

Oh yeah, you don't need a DIN plug. All you need is a 1/8" stereo plug. It will have ground, ALC voltage, and a TX line that keys the rig when grounded. Pretty cool!

Thanks,
Steve - AA5TB

--- In FT897@yahoogroups.com, Minto Witteveen <minto.witteveen@...> wrote:
>
> Steve,
>
>
>
> I have not seem spikes to 100 Watts when output power is set to 5 Watts, but
> even 30 Watts spikes may cause damage.
>
> If I find the time in the coming weeks I will investigate the behavior with
> ALC bias applied to the ACC jack. but I can't promise anything as I am quite
> busy at the moment (And I also cannot find a mini DIN plug in my junkbox,
> although I was sure I had one..)
>
>
>
> Kind regards,
>
>
>
> Minto Witteveen pa3bca

26496. Re: reducing power during tuning (was: QRO Spikes at QRP)

Yahoo group: FT897 (2009)
Date: 2009-06-20 00:38:43 UTC
From: Steve Yates
Topic: 26487 Message: 26496

Sorry Jan, I done did it!

It worked fine and the ACC jack (miniture stereo type) is made for this sort of thing. (Ref. pg. 10, first few paragraphs of manual). And yes, one must be careful not to let the smoke out :-)

Thanks but I could not find your plans but I think I remember reading about them.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Geert Jan de Groot <pe1hzg@...> wrote:

>
> Please don't muck about with external battaries - you're endangering
> your CPU if the plug isn't in in full when you hit the tune button.
>
> There's another way to trigger the processor in battary mode,
> automagically reducing power to 20 watts, but only during tuning -
> see the files section of this group for the way I did it.
> Just requires one diode, one resistor, and no external kit.
> Works beautifully with the AT897, too.
>
> Geert Jan
>

26497. Come join me on South West UKIP on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-20 01:17:46 UTC
From: Charlie Maggs
Topic: 26497 Message: 26497

UK Independence Party:
Charlie Maggs has invited you to join South West UKIP on UK Independence Party
---

Come join me on South West UKIP on UK Independence Party.

Charlie Maggs

Check out South West UKIP on UK Independence Party:
http://ukindependenceparty.ning.com/group/southwestukip?xgi=if3MqFz

If your email program doesn't recognize the web address above as an active link,
please copy and paste it into your web browser

About South West UKIP on UK Independence Party
All welcome to join!
And if there are sufficient numbers then there will be no reason not to start a regular events calendar!

2 members

Created By: Charlie Maggs

About UK Independence Party
UK Independence Party

211 members
47 photos
15 videos
104 blog posts

To control which emails you receive on the corner, or to opt-out, go to:
http://ukindependenceparty.ning.com/?xgo=DAsaL1WISL1-YR3qw7OjUagXb0Lk6eNqRe6cg53nIfvFtfgeZ32mpni/0gLmhner

[Non-text portions of this message have been removed]

26498. Re: WTB: MFJ-259b

Yahoo group: FT897 (2009)
Date: 2009-06-20 12:29:28 UTC
From: bigv316@ymail.com
Topic: 26489 Message: 26498

Just found one through the Buddipole group.

Vince, KI4HSK

26499. NASA - Mystery of the Missing Sunspots, Solved? Get ready for DX

Yahoo group: FT897 (2009)
Date: 2009-06-20 14:15:44 UTC
From: robert goodman
Topic: 26499 Message: 26499

NASA - Mystery of the Missing Sunspots, Solved? Get ready for DX http://bit.ly/piGQo

73,

Robert AA5FR
http://AA5FR.com

26500. Re: [FT897] NASA - Mystery of the Missing Sunspots, Solved? Get ready for DX

Yahoo group: FT897 (2009)
Date: 2009-06-20 16:09:41 UTC
From: Richard Corfield
Topic: 26499 Message: 26500

I've noticed increase crowding on 20m. Don't know how much is better antenna
and how much better conditions.

- Richard M0RJC

2009/6/20 robert goodman <robert@...>

>
>
> NASA - Mystery of the Missing Sunspots, Solved? Get ready for DX
> http://bit.ly/piGQo
>
> 73,
>
> Robert AA5FR
> http://AA5FR.com
>
>
>

[Non-text portions of this message have been removed]

26501. Re: Come join me on South West UKIP on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-20 20:14:33 UTC
From: willgord
Topic: 26497 Message: 26501

Tell me WTF this has to do with the 897D? Since it has nothing to do with the 897D, why not go to a group that is more appropriate?

Gordon
K2GLW

--- In FT897@yahoogroups.com, Charlie Maggs <charlie2e1dxy@...> wrote:
>
> UK Independence Party:
> Charlie Maggs has invited you to join South West UKIP on UK Independence Party
> --------------------
>
> Come join me on South West UKIP on UK Independence Party.
>
> Charlie Maggs
>
> Check out South West UKIP on UK Independence Party:
> http://ukindependenceparty.ning.com/group/southwestukip?xgi=if3MqFz
>
> If your email program doesn't recognize the web address above as an active link,
> please copy and paste it into your web browser
> --------------------
>
> About South West UKIP on UK Independence Party
> All welcome to join!
> And if there are sufficient numbers then there will be no reason not to start a regular events calendar!
>
> 2 members
>
> Created By: Charlie Maggs
> --------------------
>
> About UK Independence Party
> UK Independence Party
>
> 211 members
> 47 photos
> 15 videos
> 104 blog posts
>
> --------------------
>
> To control which emails you receive on the corner, or to opt-out, go to:
> http://ukindependenceparty.ning.com/?xgo=DAsaL1WISL1-YR3qw7OjUagXb0Lk6eNqRe6cg53nIfvFtfg

eZ32mpni/0gLmhner
>
> [Non-text portions of this message have been removed]
>

26502. Re: [FT897] Re: Come join me on South West UKIP on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-20 22:19:44 UTC
From: charlie2e1dxy@aol.com
Topic: 26497 Message: 26502

I must apologise for this being sent but it did not originate from me!
I checked my e-mails earlier and found i had sent myself 100's of e-mails.
I have changed my password etc and hope it doesn't happen again!

73's 2e1dxy

[Non-text portions of this message have been removed]

26503. Re: [FT897] Re: Come join me on South West UKIP on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-21 00:53:00 UTC
From: David Harris
Topic: 26497 Message: 26503

Its probably a nasty link he's been tricked into clicking - it may havee installed a trojan which is mailing out to the lists he's on (I also see it going to the 817 list) - It looks like it offers a link for people in this mail to also get infected via.
Hopefully he'll sort it soon.. anyone know him?

Dave H G0CER

26504. Re: [FT897] Re: Come join me on South West UKIP on UK Independence Party.

Yahoo group: FT897 (2009)
Date: 2009-06-21 01:08:21 UTC
From: charlie2e1dxy@aol.com
Topic: 26497 Message: 26504

Yes i was shocked at getting 100's of e-mails sent to myself!
Now i have to take a look at my paypal and ebay account too!

73's 2e1dxy

[Non-text portions of this message have been removed]

26505. Best additional filter for digital modes

Yahoo group: FT897 (2009)
Date: 2009-06-19 06:02:58 UTC
From: Erwin Witt
Topic: 26505 Message: 26505

I'm picking up my new FT-897D next week at the HamRadio in Friedrichshafen. As I'm doing lot's with Meteorscatter and EME with WSJT I may ask you which is the best aditional analog SSB filter ? Don't know a small or better a wider one is better ?

73's Erwin/DK5EW

26506. Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-20 14:10:43 UTC
From: aa0fk
Topic: 26460 Message: 26506

Hi Bob, kc3vo,

I'm interested in learning more about batteries, and am currently setting up to also run from a deep cycle marine battery. One thing that surprises me is that you don't see much mention of using a voltage regulator. There are products out there that shut the battery off if the voltage goes outside the range 11.5 to 15v in order to protect your equipment.

Without a voltage regulator, I'm concerned that my other equipment (ie tnc) will experience voltage swings during transmit.

Is it common to use a voltage regulator when operating a ham station using batteries? Do you recommend it?

Thanks,

Ron, KD0HNE

26507. RE: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-17 19:48:31 UTC
From: Aristotle Zoulas
Topic: 26362 Message: 26507

I am running the iogear usb to serial adapter and for some reason, I can only get HRD to see the radio at 4800 baud. I definitely think it would work better at the faster speed but for some reason I cannot do it. Perhaps with an old computer and a real serial port. Or I can possibly ad a Lava serial card to my machine. I never thought I would have to go back and use serial again--(

Aristotle Zoulas, KC2GBS, Warwick NY

BTW, great info, more than I got on the HRD group.

--- On Mon, 6/15/09, Tate Antrim <kd8hja@insight.rr.com> wrote:

From: Tate Antrim <kd8hja@...>
Subject: RE: [FT897] Anyone use this radio with HRD
To: FT897@yahoogroups.com
Date: Monday, June 15, 2009, 6:01 PM

I've not had this problem with mine. I am running my radio at 38.4Kbps between the rig and PC though. The default is 4.8Kbps. You may want to up the speed of communications between the rig and PC so that there's not so much waiting as commands are exchanged. You'll also notice that HRD responds extremely quickly when you are running nearly 9x faster than standard

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Aristotle Zoulas
Sent: Monday, June 08, 2009 7:35 AM
To: FT897@yahoogroups. com
Subject: [FT897] Anyone use this radio with HRD

Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
Any Help, thanks

Aristotle Zoulas, Warwick, NY.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26508. Re: [FT897] new to the group

Yahoo group: FT897 (2009)
Date: 2009-06-17 17:01:51 UTC
From: Randy Moore
Topic: 22707 Message: 26508

Ben,

for my "Go" kit I have at FT-897 with the LDG AT-897 tuner and the Buddipole Deluxe antenna. This has worked very well. I did have to add the Buddipole switchable balun to help match the radio to the antenna a little better. You will enjoy the FT-897D very much. They are very good at the digital modes like PSK-31, etc.

Have fun

Randy
AI4CO

Ben Ramler wrote:
>
>
> Morning Randy & Group,
>
> I have decided to buy a used FT-897D from another ham here in MN.
> Randy since we are talking about radios in the shack.. I justrectly
> picked up a used 570D from a ham in West Fargo here rectently and I
> hear him use on the air before hand and he sounded good with it
> so...so I bought it.
>
> In the mean time tim to go back to racking my brain on my go kit!
>
> 73,
>
> Ben
>
> _____
> From: Randy Moore <ai4co@... <mailto:ai4co%40embarqmail.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Monday, June 15, 2009 12:04:59 PM
> Subject: Re: [FT897] new to the group
>
> Ben,
>
> The K3 is a totally different animal. It can have dual receivers,
> roofing filters, DSP at the IF level, lots of features not available in
> less expensive radios. There is even a panadapter available for the
> K3. I own an FT-857 and a FT897. I wanted a high quality DX radio so I
> looked at the K3 after hearing them on the air and reading the rave
> reviews. Some serious DXers are giving up their FT-1000 radios for the K3.
>
> The basic K3 starts at $1849.00 in kit form. By the time you add an

> internal antenna tuner and other accessories you are in the $2600.00
> price range. I decided to sell my TS-2000 (Kenwood), keep the FT-857
> for mobile use, the FT-897 for portable use and buy a FT-950 for my
> shack. So far it has been a fantastic radio, and seems to hear much
> better than the TS-2000 did. I could have purchased two FT-950 radios
> for the price of one K3. So, yes I did put a price limit on how much I
> was willing to spend for a radio. As the saying goes, different strokes
> for different folks, they even make $10,000.00 radios if you want to
> spend that much.
>
> If you are considering the K3 take the time to read the reviews on
> eham.net. The FT-857 and FT-897 are great radios, but I do not feel
> they are in the same class as the K3.
>
> Randy Moore
> AI4CO
>
> C. Griffin wrote:
> >
> >
> > Ben,
> >
> > I don't have a K3, never even used one. I do own an 897D (similar to
> > 857D). I looked at the spec sheets I downloaded for the 897D and K3
> > when I was studying prior to purchase. The noise floor and sensitivity
> > numbers are pretty similar (as they are for most rigs). I strongly
> > suspect that the antenna you use will be much more important to your
> > receive ability than and difference between radios. If you found a
> > good deal on some used 857s, I would probably jump at that while it
> > lasts. I doubt you'll be disappointed. They are great radios. I went
> > with the 897 because in this case I was specifically looking to take
> > it portable.
> >
> > Good luck.
> >
> > On Jun 13, 2009, at 20:22, ben_ramler2002 wrote:
> >
> > > My name is Ben Ramler, K?BLR. I have a dilemma and really don't know
> > > what to do. I found 2 used 857D's for sale. However I also am
> > > thinking about getting a new Elecraft K3.
> > >
> > > Most of my operating is Emcomm. SSB Nets and stuff like that. The
> > > problem is that sometimes the 80 is very poor. So I need a reciver
> > > that can pull out the weak ones. However I need something that
> > > portable. I guess I need guidence on this.
> >
> > 73,
> > --de Chip (N1MIE), Asst. DEC Region 4 South (CT)
> >
> >

> > ------------ --------- --------- --------- --------- --------- -
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.5.339 / Virus Database: 270.12.70/2177 - Release Date:
> 06/15/09 05:54:00
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
> --
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09 05:53:00
>
>

26509. LDG AT-897 Autotunner vs YT-100 Autotunner

Yahoo group: FT897 (2009)
Date: 2009-06-17 20:14:28 UTC
From: hsidorsky
Topic: 26509 Message: 26509

I just noticed that LDG has a new tuner for the FT-897 and FT-857 <YT-100>. Has anyone done a comparison. I am not sure about the advantages of the YT-100 over the AT-897.

Any thoughts off of the specs or by someone who has used both tuners?

Thanks in Advance,

Howard K6SID

26510. A strange 897 fault!

Yahoo group: FT897 (2009)
Date: 2009-06-17 22:40:19 UTC
From: pjm
Topic: 26510 Message: 26510

Hi folks,

I've had a strange fault in my 897 suddenly appear. Whilst transmitting on 2m, 5w into a well matched load, the power consumption of the radio shot up to 15A !! Nothing smelt bad or got hot, anyway I dekeyed and started to look into the problem. With the bottom of the rig off, and the PA shield removed, the current consumption is nominal, the RF output ok to 50 watts, and the spectrum looks as clean as it ever did. However, re-fitting the PA cover results in the current once again increasing to 15A. The culprit is a short earthing tab which is mounted next to one of the ground pins on the 2m/70cm PA transistor, when this touches the underside of the PA cover, the current goes up!

What I don't understand is why this should suddenly have happened, and if anyone else has seen this fault. The PA transistor ground tab measures <1ohm to groups, so is actually ground - there should not be any current flow at all. I don't think it is feedback in the PA as the RF output remains at 5 watts even when its drawing 15A. I initially suspected the PA transistor but RF output is consistent with the set value, so I don't think it is this.

I'm at a complete loss as to what to try next. My quick fix is a piece of kapton tape on the underside of the PA cover to prevent this grounding tab touching it.

If anyone has any suggestions of how to fix this, I'd be interested to hear them.

thanks and regards

Paul M0EYT.

26511. Re: WTB: MFJ-259b

Yahoo group: FT897 (2009)
Date: 2009-06-20 17:00:01 UTC
From: Amie
Topic: 26489 Message: 26511

They arte real nice. I have a 209 but just ordered the 259B last night. ! I figured its time to upgrade! Amie n9oxo

--- In FT897@yahoogroups.com, "bigv316@..." <bigv316@...> wrote:
>
> Just found one through the Buddipole group.
>
> Vince, KI4HSK
>

26512. 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-21 16:31:34 UTC
From: Stephen
Topic: 26512 Message: 26512

Is there a mod for 135.7/137.8khz Tx?

26513. How is it on 2m ? EME/Meteorscatter ?

Yahoo group: FT897 (2009)
Date: 2009-06-18 06:32:40 UTC
From: Erwin Witt
Topic: 26513 Message: 26513

Hello all,
I'm new to the group and I'm thinking to buy a FT-897D for my portable QTH.

As I mainly operate on 2m I'm very interested in how's the RIG on 2m receiving attributes ?
Also did anybody try 2m EME with that RIG ?

I didn't found that in manual: is it possible to adjust the Pout from outside continuously ?

best regards

Erwin/DK5EW

26514. Re: [FT897] A strange 897 fault!

Yahoo group: FT897 (2009)
Date: 2009-06-22 15:00:03 UTC
From: Richard Corfield
Topic: 26510 Message: 26514

I've not seen it before, but could it be a spurious/parasitic oscilation?
Poor contact somewhere in the new ground path causing capacitance?

- Richard

2009/6/17 pjm <pauljmarsh@...>

>
>
> Hi folks,
>
> I've had a strange fault in my 897 suddenly appear. Whilst transmitting on
> 2m, 5w into a well matched load, the power consumption of the radio shot up
> to 15A !! Nothing smelt bad or got hot, anyway I dekeyed and started to look
> into the problem. With the bottom of the rig off, and the PA shield removed,
> the current consumption is nominal, the RF output ok to 50 watts, and the
> spectrum looks as clean as it ever did. However, re-fitting the PA cover
> results in the current once again increasing to 15A. The culprit is a short
> earthing tab which is mounted next to one of the ground pins on the 2m/70cm
> PA transistor, when this touches the underside of the PA cover, the current
> goes up!
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> anyone else has seen this fault. The PA transistor ground tab measures <1ohm
> to groups, so is actually ground - there should not be any current flow at
> all. I don't think it is feedback in the PA as the RF output remains at 5
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> RF output is consistent with the set value, so I don't think it is this.
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> I'm at a complete loss as to what to try next. My quick fix is a piece of
> kapton tape on the underside of the PA cover to prevent this grounding tab
> touching it.
>
> If anyone has any suggestions of how to fix this, I'd be interested to hear
> them.
>
> thanks and regards
>
> Paul M0EYT.
>
>
>

[Non-text portions of this message have been removed]

26515. Re: [FT897] LDG AT-897 Autotunner vs YT-100 Autotunner

Yahoo group: FT897 (2009)
Date: 2009-06-22 15:19:07 UTC
From: Thomas Wilson
Topic: 26509 Message: 26515

Personally, I don't like the "one button" approach. I prefer a tuner with meters and that let you have a little more control over what's going on.

As to the effectiveness of the tuner: I have the LDG Z-11 pro, and it works pretty well, but it doesn't have the balun for long wires, which you can get with a better tuner. I'm running a resonant antenna on the 3 bands of interest, and I use the tuner to "touch up" the signal when I'm at the extreme of the band (for example, I need help tuning the digital section of 80M, since I have the antenna tuned for 3.9Mhz.)

What I can't do with the Z11 is tune a half-wave dipole as a quarter wave; for example, I can't tune my 80M dipole down to 160M. It was actually possible for me to do this when I was running the off-center fed antenna, but that antenna presented other problems.

On Wed, Jun 17, 2009 at 1:14 PM, hsidorsky<howard@...> wrote:
>
>
> I just noticed that LDG has a new tuner for the FT-897 and FT-857 <YT-100>.
> Has anyone done a comparison. I am not sure about the advantages of the
> YT-100 over the AT-897.
>
> Any thoughts off of the specs or by someone who has used both tuners?
>
> Thanks in Advance,
>
> Howard K6SID
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26516. RE: [FT897] 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-22 15:23:55 UTC
From: D. F.
Topic: 26512 Message: 26516

Check the files section of this site or look at www.mods.dk

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Stephen
Sent: Sunday, June 21, 2009 11:32
To: FT897@yahoogroups.com
Subject: [FT897] 135.7 .....137.8 TX Mod?

Is there a mod for 135.7/137.8khz Tx?

[Non-text portions of this message have been removed]

26517. Re: [FT897] LDG AT-897 Autotunner vs YT-100 Autotunner

Yahoo group: FT897 (2009)
Date: 2009-06-22 16:17:45 UTC
From: C. Griffin
Topic: 26509 Message: 26517

I don't have both. I have the YT-100. It is a simple tuner. It is not designed to attach to the radio as the AT-897 is. It works well and quickly.

On Jun 17, 2009, at 16:14, hsidorsky wrote:

> I just noticed that LDG has a new tuner for the FT-897 and FT-857
> <YT-100>. Has anyone done a comparison. I am not sure about the
> advantages of the YT-100 over the AT-897.

--
Chip

26518. RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-22 16:22:02 UTC
From: Ted Wrobel
Topic: 26460 Message: 26518

Ron,

Shouldn't be any reason for the BATTERY voltage to exceed the limit - just not possible.

However, if your charger were to put out excessive voltage it could damage the rig. It would also likely fry the battery if left high for very long.

So the control issue if the charger circuit. The charger should limit voltages to what is appropriate to the battery.

There should be no upward swing on transmit but there is likely to be a voltage drop unless you use very large, short power leads.

There are some issues with charging a bettery from a typical ham power supply that involve damage to the supply when power fails but the battery reamins connected.

One simple solution is to use a computer UPS unit to charge the battery - float voltage will be OK for many marine batteries.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of aa0fk
Sent: Saturday, June 20, 2009 10:11
To: FT897@yahoogroups.com
Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Bob, kc3vo,

I'm interested in learning more about batteries, and am currently setting up to also run from a deep cycle marine battery. One thing that surprises me is that you don't see much mention of using a voltage regulator. There are products out there that shut the battery off if the voltage goes outside the range 11.5 to 15v in order to protect your equipment.

Without a voltage regulator, I'm concerned that my other equipment (ie tnc) will experience voltage swings during transmit.

Is it common to use a voltage regulator when operating a ham station using batteries? Do you recommend it?

Thanks,

Ron, KD0HNE

[Non-text portions of this message have been removed]

26519. RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-22 18:57:29 UTC
From: Paul Harris
Topic: 26460 Message: 26519

I have been using a champion 12 volt small tractor battery and a Sears 2/6 amp charger for 5 years now with no problem what so ever with my 897D. Many times the voltage readout goes to 16 volts no problems yet. I am using the original length 12 volt harness and fuses that came with the radio. However the charger cannot keep up with the 22 amps required with 100 watt output so I keep tx's short.

Paul KB2VEC

[Non-text portions of this message have been removed]

26520. higher power in transwertor mode

Yahoo group: FT897 (2009)
Date: 2009-06-22 19:55:57 UTC
From: Jirka MWW
Topic: 26520 Message: 26520

Dear members,

do you have any idea, how to increase the power in transvertor mode ? We use FT897 on 2meters with 23cm transvertor,
which is installed on high tower and connected with very long cable with high losses. When we switch to transvertor mode
(function 091) , the output power is fixed to 5W only. We would like to get more, but no idea how to do it. There is nothing in the manual about that.
Even this fact (only 5W output) is not documented.
In normal 2 m operation mode it works fine (with about 11W out) , but we loose the chance to set up the real frequency
via 089 or 090 functions. I was looking also into hidden menu, but frankly saying, I do not understand all there.

Any idea , how to solve it ?

73! Jiri OK1MWW

[Non-text portions of this message have been removed]

26521. Re: [FT897] 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-22 21:18:35 UTC
From: Minto Witteveen
Topic: 26512 Message: 26521

----- Original Message -----
From: "D. F." <n8bmb1@...>
To: <FT897@yahoogroups.com>
Sent: Monday, June 22, 2009 17:23
Subject: RE: [FT897] 135.7 .....137.8 TX Mod?

> Check the files section of this site or look at www.mods.dk
>
> Dennis - N8BMB

Or just think about it for a few seconds.
The lowest frequency you can TX on with the 897 is 1.8 Mc. (factory settings).
135.x is WAY lower so it is extremely unlikely that the 897 would be able to tx on this frequency
Even if you were able to somehow fiddle with the CPU to get it to tx there, the filters are most certainly not designed to tx with any efficiency on 135-137

Minto pa3bca

>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Stephen
> Sent: Sunday, June 21, 2009 11:32
> To: FT897@yahoogroups.com
> Subject: [FT897] 135.7 .....137.8 TX Mod?
>
>
>
>
>
> Is there a mod for 135.7/137.8khz Tx?
>
>
>
> [Non-text portions of this message have been removed]
>
>

26522. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-22 21:54:08 UTC
From: Ben Ramler
Topic: 17604 Message: 26522

At a local Mills Fleet In their Deep Cycle battery area they have a 98MAH Deep cycle battery. My question is this..... would this be enough in a worse case scenerio to power up not just the 897 but say a FT-7800R with tnc and an FT-100 for Mars/Red Cross Commo. Maybe I just need to get several of these?

73,

Ben, KØBLR

From: Charles Scott <cscott@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 17, 2009 10:51:09 AM
Subject: Re: [FT897] batteries

Thomas and All:

That's true as long as you're running near the standard "20 Hour" rate, that you are willing to discharge the battery that far for each cycle, and that the radio is happy with the near full discharge voltage under load. In reality you're not going to see anywhere near the approximation you make unless you are significantly under-loading the battery.

One related note is that the quiescent state (resting without current) for a battery at 25% discharge is about 12V. When you load it, you're going to have something less than that. So if your radio needs some 12 Volts to operate well, you're either only going to be using 50% capacity or using a battery booster. If you use a battery booster, it will consume more current as the battery charge decreases, which will also decrease your usable time.

Note that batteries are often rated at their "20 Hour" rate. A 100 AH battery should therefore test to 100 AH at a discharge rate of 5 Amps. If you draw more, the total AH available will be less. If you draw less, the total AH available will be more. So, if you're using an FT-897 at 50 Watts and drawing some 12-13 Amps (simply a guess, probably more) then you may see the overall AH rate only if you also do some considerable receiving in between.

So, all this stuff affects your total usable time. How much you want to beat up your battery (it's not a good idea to regularly do a 100% discharge on some batteries), how much current you'll be drawing, what your TX/RX duty cycle is, whether you're using a booster, and even what temperature it is will all make a difference.

I think in the end when you look at lugging batteries around and how much use you might get out of them, QRP starts to be very attractive!

Weight for weight, I think you're farther ahead lugging antenna stuff
with lower power than battery stuff with higher power. This is also why
many military manpacks are 20W maximum.

Chuck - N8DNX

Thomas Wilson wrote:
> The answer of whether it's "enough" is pretty simple. You just need
> some simple math: find out how much current you're going to draw over
> a 1 hour period, and then divide the battery's capacity by this
> number.
>
>

[Non-text portions of this message have been removed]

26523. Re: [FT897] 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-22 22:27:57 UTC
From: Adam Karsin
Topic: 26512 Message: 26523

What's down that low? Anything worth listening to?

Adam
Kg4wwh

Adam Karsin
Sent from my BlackBerry? smartphone provided by Nextel.

-----Original Message-----
From: Minto Witteveen <minto.witteveen@...>

Date: Mon, 22 Jun 2009 23:18:35
To: <FT897@yahoogroups.com>
Subject: Re: [FT897] 135.7 .....137.8 TX Mod?

----- Original Message -----
From: "D. F." <n8bmb1@...>
To: <FT897@yahoogroups.com>
Sent: Monday, June 22, 2009 17:23
Subject: RE: [FT897] 135.7 .....137.8 TX Mod?

> Check the files section of this site or look at www.mods.dk
>
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135.x is WAY lower so it is extremely unlikely that the 897 would be able to
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Even if you were able to somehow fiddle with the CPU to get it to tx there,
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Minto pa3bca

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> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Stephen
> Sent: Sunday, June 21, 2009 11:32
> To: FT897@yahoogroups.com
> Subject: [FT897] 135.7 .....137.8 TX Mod?
>
>
>
>

>
> Is there a mod for 135.7/137.8khz Tx?
>
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>
> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

26524. RE: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-22 23:59:21 UTC
From: D. F.
Topic: 17604 Message: 26524

Is it MAH or AH? I was under the impression MAH meant milli-amp-hours! You need to measure the draw of ALL equipment running and make calculations based on that. The draw of the 897 at 50watts (FM or AM) is between 15 and 20 amps. Not sure what the TNC draws, but the 7800 also draws about the same at 50watts as would the ft-100. Several batteries is always a good thing, but my guess would be one battery with all those radios transmitting (and no, not necessarily all at the same time) the amount of time you will have on that battery most likely will be about 2 hours, depending on how much you are TRANSMITTING. If mostly just listening, you may get much more out of it since receive doesn□t draw much. I would turn off the backlight as well to keep consumption down.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ben Ramler
Sent: Monday, June 22, 2009 16:54
To: FT897@yahoogroups.com
Subject: Re: [FT897] batteries

At a local Mills Fleet In their Deep Cycle battery area they have a 98MAH Deep cycle battery. My question is this..... would this be enough in a worse case scenerio
to power up not just the 897 but say a FT-7800R with tnc and an FT-100 for Mars/Red Cross Commo. Maybe I just need to get several of these?

73,

Ben, KØBLR

_____
From: Charles Scott <cscott@gaslightmedi
<mailto:cscott%40gaslightmedia.com> a.com>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Wednesday, June 17, 2009 10:51:09 AM
Subject: Re: [FT897] batteries

Thomas and All:

That's true as long as you're running near the standard "20 Hour" rate, that you are willing to discharge the battery that far for each cycle, and that the radio is happy with the near full discharge voltage under load. In reality you're not going to see anywhere near the approximation

you make unless you are significantly under-loading the battery.

One related note is that the quiescent state (resting without current) for a battery at 25% discharge is about 12V. When you load it, you're going to have something less than that. So if your radio needs some 12 Volts to operate well, you're either only going to be using 50% capacity

or using a battery booster. If you use a battery booster, it will consume more current as the battery charge decreases, which will also decrease your usable time.

Note that batteries are often rated at their "20 Hour" rate. A 100 AH battery should therefore test to 100 AH at a discharge rate of 5 Amps. If you draw more, the total AH available will be less. If you draw less,

the total AH available will be more. So, if you're using an FT-897 at 50

Watts and drawing some 12-13 Amps (simply a guess, probably more) then you may see the overall AH rate only if you also do some considerable receiving in between.

So, all this stuff affects your total usable time. How much you want to beat up your battery (it's not a good idea to regularly do a 100% discharge on some batteries), how much current you'll be drawing, what your TX/RX duty cycle is, whether you're using a booster, and even what temperature it is will all make a difference.

I think in the end when you look at lugging batteries around and how much use you might get out of them, QRP starts to be very attractive! Weight for weight, I think you're farther ahead lugging antenna stuff with lower power than battery stuff with higher power. This is also why many military manpacks are 20W maximum.

Chuck - N8DNX

Thomas Wilson wrote:
> The answer of whether it's "enough" is pretty simple. You just need
> some simple math: find out how much current you're going to draw over
> a 1 hour period, and then divide the battery's capacity by this
> number.
>
>

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[Non-text portions of this message have been removed]

26525. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-23 02:25:02 UTC
From: Ben Ramler
Topic: 17604 Message: 26525

you know I will have to go and look for sure.

_____
From: D. F. <n8bmb1@...>
To: FT897@yahoogroups.com
Sent: Monday, June 22, 2009 6:59:21 PM
Subject: RE: [FT897] batteries

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calculations based on that. The draw of the 897 at 50watts (FM or AM)
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Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Ben Ramler
Sent: Monday, June 22, 2009 16:54
To: FT897@yahoogroups. com
Subject: Re: [FT897] batteries

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to power up not just the 897 but say a FT-7800R with tnc and an FT-100
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Ben, KØBLR

_____ _____ _____ __
From: Charles Scott <cscott@gaslightmed i
<mailto:cscott% 40gaslightmedia. com> a.com>
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Sent: Wednesday, June 17, 2009 10:51:09 AM
Subject: Re: [FT897] batteries

Thomas and All:

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> number.
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>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26526. RE: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-23 03:24:27 UTC
From: Michael Walker (VA3MW)
Topic: 26362 Message: 26526

There is so little data moving, that the baud rate won't affect the performance.

If you are having some sort of bottleneck, I would look in a different area, like OS memory, swap space or graphics card.

Mike

From: Aristotle Zoulas [mailto:jrzoulas@...]
Sent: Wednesday, June 17, 2009 3:49 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Anyone use this radio with HRD

I am running the iogear usb to serial adapter and for some reason, I can only get HRD to see the radio at 4800 baud. I definitely think it would work better at the faster speed but for some reason I cannot do it. Perhaps with an old computer and a real serial port. Or I can possibly ad a Lava serial card to my machine. I never thought I would have to go back and use serial again--(

Aristotle Zoulas, KC2GBS, Warwick NY

BTW, great info, more than I got on the HRD group.

--- On Mon, 6/15/09, Tate Antrim <kd8hja@...
<mailto:kd8hja%40insight.rr.com> > wrote:

From: Tate Antrim <kd8hja@... <mailto:kd8hja%40insight.rr.com> >
Subject: RE: [FT897] Anyone use this radio with HRD
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Date: Monday, June 15, 2009, 6:01 PM

I've not had this problem with mine. I am running my radio at 38.4Kbps between the rig and PC though. The default is 4.8Kbps. You may want to up the speed of communications between the rig and PC so that there's not so much waiting as commands are exchanged. You'll also notice that HRD responds extremely quickly when you are running nearly 9x faster than standard

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Aristotle Zoulas
Sent: Monday, June 08, 2009 7:35 AM
To: FT897@yahoogroups. com
Subject: [FT897] Anyone use this radio with HRD

Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to

tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
Any Help, thanks

Aristotle Zoulas, Warwick, NY.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26527. Re: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-23 03:32:25 UTC
From: Larry D. Barr, K5WLF
Topic: 26362 Message: 26527

Obvious question, Ari, but did you set the radio to 38400bps in Menu
019, "CAT RATE"?

73,
ldb
K5WLF

> From: Aristotle Zoulas [mailto:jrzoulas@...]
> Sent: Wednesday, June 17, 2009 3:49 PM
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Anyone use this radio with HRD
>
> I am running the iogear usb to serial adapter and for some reason, I can
> only get HRD to see the radio at 4800 baud. I definitely think it would work
> better at the faster speed but for some reason I cannot do it. Perhaps with
> an old computer and a real serial port. Or I can possibly ad a Lava serial
> card to my machine. I never thought I would have to go back and use serial
> again--(
>
> Aristotle Zoulas, KC2GBS, Warwick NY
>
> BTW, great info, more than I got on the HRD group.

26528. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-23 03:54:32 UTC
From: Ben Ramler
Topic: 17604 Message: 26528

Hey D.F.

    What if the 897D was on its own battery? and everything else had its own?

From: D. F. <n8bmb1@...>
To: FT897@yahoogroups.com
Sent: Monday, June 22, 2009 6:59:21 PM
Subject: RE: [FT897] batteries

Is it MAH or AH? I was under the impression MAH meant milli-amp-hours!
You need to measure the draw of ALL equipment running and make
calculations based on that. The draw of the 897 at 50watts (FM or AM)
is between 15 and 20 amps. Not sure what the TNC draws, but the 7800
also draws about the same at 50watts as would the ft-100. Several
batteries is always a good thing, but my guess would be one battery with
all those radios transmitting (and no, not necessarily all at the same
time) the amount of time you will have on that battery most likely will
be about 2 hours, depending on how much you are TRANSMITTING. If mostly
just listening, you may get much more out of it since receive doesn't
draw much. I would turn off the backlight as well to keep consumption
down.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Ben Ramler
Sent: Monday, June 22, 2009 16:54
To: FT897@yahoogroups. com
Subject: Re: [FT897] batteries

At a local Mills Fleet In their Deep Cycle battery area they have a
98MAH Deep cycle battery. My question is this..... would this be enough
in a worse case scenerio
to power up not just the 897 but say a FT-7800R with tnc and an FT-100
for Mars/Red Cross Commo. Maybe I just need to get several of these?

73,

Ben, KØBLR

---------- --------- --------- --
From: Charles Scott <cscott@gaslightmed i
<mailto:cscott% 40gaslightmedia. com> a.com>
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Sent: Wednesday, June 17, 2009 10:51:09 AM

Subject: Re: [FT897] batteries

Thomas and All:

That's true as long as you're running near the standard "20 Hour" rate, that you are willing to discharge the battery that far for each cycle, and that the radio is happy with the near full discharge voltage under load. In reality you're not going to see anywhere near the approximation

you make unless you are significantly under-loading the battery.

One related note is that the quiescent state (resting without current) for a battery at 25% discharge is about 12V. When you load it, you're going to have something less than that. So if your radio needs some 12 Volts to operate well, you're either only going to be using 50% capacity

or using a battery booster. If you use a battery booster, it will consume more current as the battery charge decreases, which will also decrease your usable time.

Note that batteries are often rated at their "20 Hour" rate. A 100 AH battery should therefore test to 100 AH at a discharge rate of 5 Amps. If you draw more, the total AH available will be less. If you draw less,

the total AH available will be more. So, if you're using an FT-897 at 50

Watts and drawing some 12-13 Amps (simply a guess, probably more) then you may see the overall AH rate only if you also do some considerable receiving in between.

So, all this stuff affects your total usable time. How much you want to beat up your battery (it's not a good idea to regularly do a 100% discharge on some batteries), how much current you'll be drawing, what your TX/RX duty cycle is, whether you're using a booster, and even what temperature it is will all make a difference.

I think in the end when you look at lugging batteries around and how much use you might get out of them, QRP starts to be very attractive! Weight for weight, I think you're farther ahead lugging antenna stuff with lower power than battery stuff with higher power. This is also why many military manpacks are 20W maximum.

Chuck - N8DNX

Thomas Wilson wrote:
> The answer of whether it's "enough" is pretty simple. You just need
> some simple math: find out how much current you're going to draw over
> a 1 hour period, and then divide the battery's capacity by this
> number.
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26529. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-06-23 03:55:05 UTC
From: Ben Ramler
Topic: 17604 Message: 26529

sorry group. i should signed my name.

73,

Ben K0BLR

From: D. F. <n8bmb1@...>
To: FT897@yahoogroups.com
Sent: Monday, June 22, 2009 6:59:21 PM
Subject: RE: [FT897] batteries

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for Mars/Red Cross Commo. Maybe I just need to get several of these?

73,

Ben, KØBLR

From: Charles Scott <cscott@gaslightmed i
<mailto:cscott% 40gaslightmedia. com> a.com>

To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Sent: Wednesday, June 17, 2009 10:51:09 AM
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Chuck - N8DNX

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> number.
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26530. Re: [FT897] 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-23 10:07:23 UTC
From: Minto Witteveen
Topic: 26512 Message: 26530

----- Original Message -----
From: "Adam Karsin" <akarsin@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, June 23, 2009 00:27
Subject: Re: [FT897] 135.7 .....137.8 TX Mod?

What's down that low? Anything worth listening to?

Adam
Kg4wwh

It's an amateur band (at least here in PA country / Europe). And quite a challenging one too. I have seen setups where they use a HIFI PA to generate 100+ watts at 137 KHz, a antenna loading coil 1.5 meter high and 50 cm in diameter with LOTS of windings.

Of the 100+ Watts only a few milliwatss are actually radiated due to the extremely low antenna efficiency. I think coherent CW (or one of the more modern digital modes) are used to make QSO?s.

Minto pa3bca

26531. Re: batteries

Yahoo group: FT897 (2009)
Date: 2009-06-23 10:35:19 UTC
From: kbrown1075
Topic: 17604 Message: 26531

FYI- The other weekend I took mt FT-897D w/AT-897 and a mini buddiepole to the beach in Walton County, FL. I brought with me a fully charged, fairly new marine starting battery. I operated at full power (100W) for approx 6 hours. Made a moderate number of contacts. The voltmeter on the radio (rx) showed 12.7VDC when I started. When I finished the voltmeter showed 12.5VDC after 6 hours.

That is my actual experience... no calculations, just operating and watching.

I was very impressed and realized I can operate for a long time on a good battery. (The battery is normaly connected to a charger outside my shack and operates a commercial radio for the local FD ops and is backup power for the shack as a whole).

Good luck.
73's
Kirk, N1TVF

>
>
> Is it MAH or AH? I was under the impression MAH meant milli-amp-hours!
> You need to measure the draw of ALL equipment running and make
> calculations based on that. The draw of the 897 at 50watts (FM or AM)
> is between 15 and 20 amps. Not sure what the TNC draws, but the 7800
> also draws about the same at 50watts as would the ft-100. Several
> batteries is always a good thing, but my guess would be one battery with
> all those radios transmitting (and no, not necessarily all at the same
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> be about 2 hours, depending on how much you are TRANSMITTING. If mostly
> just listening, you may get much more out of it since receive doesnâ☐☐t
> draw much. I would turn off the backlight as well to keep consumption
> down.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
> Ben Ramler
> Sent: Monday, June 22, 2009 16:54
> To: FT897@yahoogroups. com
> Subject: Re: [FT897] batteries
>
>
> At a local Mills Fleet In their Deep Cycle battery area they have a
> 98MAH Deep cycle battery. My question is this..... would this be enough
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> to power up not just the 897 but say a FT-7800R with tnc and an FT-100

> for Mars/Red Cross Commo. Maybe I just need to get several of these?
>
> 73,
>
> Ben, KÃ□BLR
>
> _____ _____ _____ __
> From: Charles Scott <cscott@gaslightmed i
> <mailto:cscott% 40gaslightmedia. com> a.com>
> To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
> Sent: Wednesday, June 17, 2009 10:51:09 AM
> Subject: Re: [FT897] batteries
>
> Thomas and All:
>
> That's true as long as you're running near the standard "20 Hour" rate,
> that you are willing to discharge the battery that far for each cycle,
> and that the radio is happy with the near full discharge voltage under
> load. In reality you're not going to see anywhere near the approximation
>
> you make unless you are significantly under-loading the battery.
>
> One related note is that the quiescent state (resting without current)
> for a battery at 25% discharge is about 12V. When you load it, you're
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> Volts to operate well, you're either only going to be using 50% capacity
>
> or using a battery booster. If you use a battery booster, it will
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> Note that batteries are often rated at their "20 Hour" rate. A 100 AH
> battery should therefore test to 100 AH at a discharge rate of 5 Amps.
> If you draw more, the total AH available will be less. If you draw less,
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> the total AH available will be more. So, if you're using an FT-897 at 50
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> Weight for weight, I think you're farther ahead lugging antenna stuff
> with lower power than battery stuff with higher power. This is also why
> many military manpacks are 20W maximum.
>
> Chuck - N8DNX
>
> Thomas Wilson wrote:
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> > some simple math: find out how much current you're going to draw over
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> >
> >
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

26532. Want to Sell: FT-817 & HF Packer Amp

Yahoo group: FT897 (2009)
Date: 2009-06-23 12:31:31 UTC
From: bigv316@ymail.com
Topic: 26532 Message: 26532

Yaesu FT-817 & HF Packer Amp

Ft-817 (non ND) PLUS HF-Packer 50 watt amp kit (partially assembled.)
This is a complete station everything you need to get on the air.

This HF-Packer amp has been upgraded to latest model and most of the first board has been completed.The kit itself is valued at $240.00.

* W4RT DSP installed is $169.00
* Palm Radio Peg-Leg $20.00
* Finger Dimple Kranker knob $20.00
* Battery power cord
* Cigarette lighter power supply
* A/C power supply

That means you can hook it up to almost any power source right out of the box.
And that's not all (I've always wanted to say that!) a carry bag and the FT-817 Pack-It reference are also included (That's another $35.00 VALUE)
The only thing that's missing is the 6m extension to the OEM antenna. I never used it so it got stored somewhere and as soon as I find it I will mail it to whoever buys the radio. When I first bought this radio from another ham I sent it to Yaesu to make sure everything was working right and believe me this is one great little rig. This radio has a very wide receiver and is unbelievably quiet with the w4rt DSP turned on. You are going to love this little rig.
Guaranteed NOT to be DOA.

I am asking $895.00 plus shipping for everything. I am not looking to sell anything separately
I need to sell it all together. Please email me for pictures at
bigv316@... or call 863-398-6243 with questions.

Thanks,
Vince KI4HSK

26533. Re: 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-23 13:46:44 UTC
From: Bill
Topic: 26512 Message: 26533

> Minto pa3bca
I have my 897D opened up to transcieve on most every frequency, but it will not work on 135.7 to 137.8
Bill
>

26534. Re: [FT897] Re: 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-23 15:33:39 UTC
From: Minto Witteveen
Topic: 26512 Message: 26534

----- Original Message -----
From: "Bill" <stykemup@...>
To: <FT897@yahoogroups.com>
Sent: Tuesday, June 23, 2009 15:46
Subject: [FT897] Re: 135.7 .....137.8 TX Mod?

> Minto pa3bca
I have my 897D opened up to transcieve on most every frequency, but it will
not work on 135.7 to 137.8
Bill
>

Correct. AFAIR when opened up by either software or hardware mod (later
model D's) it can transmit on every frequency it can receive, but only
above 1.8 MHz with the exception of the air band..

Minto pa3bca

26535. Re: 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-23 20:20:30 UTC
From: Minto
Topic: 26512 Message: 26535

... and also with the exception of the FM broadcast band....
(What else did I overlook?)
--- In FT897@yahoogroups.com, Minto Witteveen <minto.witteveen@...> wrote:
>
> ----- Original Message -----
> From: "Bill" <stykemup@...>
> To: <FT897@yahoogroups.com>
> Sent: Tuesday, June 23, 2009 15:46
> Subject: [FT897] Re: 135.7 .....137.8 TX Mod?
>
>
>
> > Minto pa3bca
> I have my 897D opened up to transcieve on most every frequency, but it will
> not work on 135.7 to 137.8
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> Correct. AFAIR when opened up by either software or hardware mod (later
> model D's) it can transmit on every frequency it can receive, but only
> _above_ 1.8 MHz with the exception of the air band..
>
> Minto pa3bca
>

26536. Re: [FT897] Re: 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-23 21:33:36 UTC
From: Thomas Wilson
Topic: 26512 Message: 26536

AM Broadcast?

On Tue, Jun 23, 2009 at 1:20 PM, Minto<minto.witteveen@gmail.com> wrote:
>
>
> ... and also with the exception of the FM broadcast band....
> (What else did I overlook?)
> --- In FT897@yahoogroups.com, Minto Witteveen <minto.witteveen@...> wrote:
>>
>> ----- Original Message -----
>> From: "Bill" <stykemup@...>
>> To: <FT897@yahoogroups.com>
>> Sent: Tuesday, June 23, 2009 15:46
>> Subject: [FT897] Re: 135.7 .....137.8 TX Mod?
>>
>>
>>
>> > Minto pa3bca
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>> not work on 135.7 to 137.8
>> Bill
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>> Correct. AFAIR when opened up by either software or hardware mod (later
>> model D's) it can transmit on every frequency it can receive, but only
>> _above_ 1.8 MHz with the exception of the air band..
>>
>> Minto pa3bca
>>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26537. Re: [FT897] Re: 135.7 .....137.8 TX Mod?

Yahoo group: FT897 (2009)
Date: 2009-06-24 11:35:53 UTC
From: Minto Witteveen
Topic: 26512 Message: 26537

ehm AM broadcast as in AM Medium wave (500 to 1800 KHz or about)? This is
lower than the 1.8Mc I mentioned as lower limit.
As for Shortware AM broadcast bands, when 'openend up" the 897 can certainly
transmit there.

On Tue, Jun 23, 2009 at 11:33 PM, Thomas Wilson <wilsontp@...> wrote:

>
>
> AM Broadcast?
>
> On Tue, Jun 23, 2009 at 1:20 PM, Minto<minto.witteveen@...<minto.witteveen%40gmail.com>>
> wrote:
> >
> >
> > ... and also with the exception of the FM broadcast band....
> > (What else did I overlook?)
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Minto Witteveen
> <minto.witteveen@...> wrote:
> >>
> >> ----- Original Message -----
> >> From: "Bill" <stykemup@...>
> >> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> >> Sent: Tuesday, June 23, 2009 15:46
> >> Subject: [FT897] Re: 135.7 .....137.8 TX Mod?
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> >> model D's) it can transmit on every frequency it can receive, but only
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> >> Minto pa3bca
> >>
> >> >
> >> >
> >
> > --

> Tom Wilson
> wilsontp@... <wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
>
>

[Non-text portions of this message have been removed]

26538. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-24 20:15:32 UTC
From: tailfeathers
Topic: 26437 Message: 26538

The signal to noise ratio is significant...Every Friday evening the
local 10 meter net meets and once again I start on my 897d for
comparison and can only tell there is a station there...I switch the
antenna to my TS2000 and have a qso with the same stations...This isn't
as noticeable on lower bands because signals are generally better...

Gary

Jeff wrote:
>> And as a rule I can have 2 s-units more noise on the 897 than my TS2000 at any given
time...Thats in rural Montana...
>>
>
> But how does the signal to noise ratio actually compare?
>
> S-meter readings are meaningless unless a) the meters are calibrated, and b)
> the radios have identical gain when they are being compared (pre-amp/rf
> gain/attenuator settings).
>
> The S-meter on the 897 is anything but calibrated, so using it for any
> comparison of noise is pointless. It is very non-linear a few dB's can
> change the display by several S points!! It is probably the 897's worst
> feature.
>
> 73
> Jeff
>
>

Criminal Lawyers - Click here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTOVoKaCEj0fnrmiPSNgLe2wTiryiqLO9RkjXXzvK
kes5sbJIYaIvO/

26539. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-24 21:50:36 UTC
From: Richard Corfield
Topic: 26437 Message: 26539

Eham list the TS-2000 at a RRP of $2300, so it should perform a lot better. I see a couple of UK listings at £1400. That's a lot more than the 897.

Still, from what I've seen of a Kenwood in action and the feature list I'd certainly consider the TS-2000 as a main station radio if I had that kind of budget to spend on it, maybe replacing the 897 with an 817 for portable due to its size and battery as standard. I've done quite well with the 897 on its minimum power settings that the low power isn't so worrying now, though the antenna makes a lot of difference. I'd also look at some of the higher end Yaesus and Icoms if I were to want to spend the money.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

26540. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 07:10:06 UTC
From: Jeff
Topic: 26437 Message: 26540

----- Original Message -----
From: "tailfeathers" <tailfeathers@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, June 24, 2009 9:15 PM
Subject: Re: [FT897] Audio quality (Using the 897D at home)

>
> The signal to noise ratio is significant...Every Friday evening the
> local 10 meter net meets and once again I start on my 897d for
> comparison and can only tell there is a station there...I switch the
> antenna to my TS2000 and have a qso with the same stations...This isn't
> as noticeable on lower bands because signals are generally better...
>
> Gary

If that is the case then I would suggest that you have a fault on your
FT897, or there is some other problem that is causing such a significant
difference.

73
Jeff

26541. PC--->SignaLinkUSB--->FT-897D---> MT63 problem solved !!

Yahoo group: FT897 (2009)
Date: 2009-06-25 11:32:37 UTC
From: Patricia Elaine Gibbons
Topic: 26541 Message: 26541

I've asked a few times on this list what the secret
is in running MT63 mode with an FT-897D and
SignaLinkUSB soundcard interface ..

TaDa !!

The Secret is to move the SignalinkUSB sampling rate from
11025 Hz to 12000 Hz . !!!

Probem solved ... works fine !! ..

Elaine

26542. RE: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 12:03:44 UTC
From: D. F.
Topic: 26437 Message: 26542

I've noticed different antennas make a difference too, as well as location within the home and the general area in which I live. So, there are several factors that can be considered when it comes to noise. As many people forget, vertical antennas are noisier than horizontal ones too.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jeff
Sent: Thursday, June 25, 2009 02:10
To: FT897@yahoogroups.com
Subject: Re: [FT897] Audio quality (Using the 897D at home)

----- Original Message -----
From: "tailfeathers" <tailfeathers@ <mailto:tailfeathers%40juno.com> juno.com>
To: <FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>
Sent: Wednesday, June 24, 2009 9:15 PM
Subject: Re: [FT897] Audio quality (Using the 897D at home)

>
> The signal to noise ratio is significant...Every Friday evening the
> local 10 meter net meets and once again I start on my 897d for
> comparison and can only tell there is a station there...I switch the
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> as noticeable on lower bands because signals are generally better...
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difference.

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Jeff

[Non-text portions of this message have been removed]

26543. Re: [FT897] PC--->SignaLinkUSB--->FT-897D---> MT63 problem solved !!

Yahoo group: FT897 (2009)
Date: 2009-06-25 14:52:05 UTC
From: Thomas Wilson
Topic: 26541 Message: 26543

Yeah, that's in the Signalink manual. It says not to run the box at 11025. :-)

On Thu, Jun 25, 2009 at 4:32 AM, Patricia Elaine Gibbons<wa6ube@arrl.net> wrote:
>
>
> I've asked a few times on this list what the secret
> is in running MT63 mode with an FT-897D and
> SignaLinkUSB soundcard interface ..
>
> TaDa !!
>
> The Secret is to move the SignalinkUSB sampling rate from
> 11025 Hz to 12000 Hz . !!!
>
> Probem solved ... works fine !! ..
>
> Elaine
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26544. Re: [FT897] Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 15:20:01 UTC
From: tailfeathers
Topic: 26437 Message: 26544

Oh a fault huh?...haha...its just NOT a TS2000...

Gary

Jeff wrote:
> ----- Original Message -----
> From: "tailfeathers" <tailfeathers@...>
> To: <FT897@yahoogroups.com>
> Sent: Wednesday, June 24, 2009 9:15 PM
> Subject: Re: [FT897] Audio quality (Using the 897D at home)
>
>
>
>> The signal to noise ratio is significant...Every Friday evening the
>> local 10 meter net meets and once again I start on my 897d for
>> comparison and can only tell there is a station there...I switch the
>> antenna to my TS2000 and have a qso with the same stations...This isn't
>> as noticeable on lower bands because signals are generally better...
>>
>> Gary
>>
>
> If that is the case then I would suggest that you have a fault on your
> FT897, or there is some other problem that is causing such a significant
> difference.
>
> 73
> Jeff
>
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> ------------------------------------
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.375 / Virus Database: 270.12.90/2200 - Release Date: 06/24/09 12:49:00

>
>

Find success and happiness with drug and alcohol rehabilitation. Click now.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTJWRWX6FJtzFRizx47LpM7b13hdd6UV3TNqNqUNgM2YrP07F0ohWI/

26545. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 15:40:56 UTC
From: g8hul
Topic: 26437 Message: 26545

--- In FT897@yahoogroups.com, tailfeathers <tailfeathers@...> wrote:
>
> Oh a fault huh?...haha...its just NOT a TS2000...
>
> Gary
>

Well I did a side by side comparison between my FT897 and an FT1000, as well as an IC-7000, and there was no disernalble difference in the sensitivity or noise floor between any of the radios. The specs for the TS-2000 is certainly no better than the FT1000, so if an 897 falls well short of similar performance then there must be a fault or some other factor at play!! Try comparing the sensitivity specs for the 897 with the TS-2000. That is not to say that the 879 may not have a poorer rx spec in some respects, but not in ultimate sensitivity or noise floor.

73
Jeff

26546. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 16:38:06 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26437 Message: 26546

On Thu, 25 Jun 2009 15:40 +0000, "g8hul" <g8hul@...>
wrote:
>
>Well I did a side by side comparison between my FT897 and an
>FT1000, as well as an IC-7000, and there was no disernalble
>difference in the sensitivity or noise floor between any of the
>radios. The specs for the TS-2000 is certainly no better than the
>FT1000, so if an 897 falls well short of similar performance then
>there must be a fault or some other factor at play!! Try
>comparing the sensitivity specs for the 897 with the TS-2000.
>That is not to say that the 879 may not have a poorer rx spec in
>some respects, but not in ultimate sensitivity or noise floor.

I have been considering "upgrading" from my FT897. I find that
listening to it for a period of time is annoying because of the
noise, particularly on 10m and 6m.

Looking at the literature, it seems that the main difference is
in the filtering, particularly the IF filtering. The noise
reduction (DSP) may be better, and that would not show up as
a spec difference. There may be a roofing filter which would
help with interference from a nearby signal. (You would find
out how well that works this weekend!)

I'm holding off until I get a better antenna. I'd also like
to sit down at HRO and compare the radios myself to see if
there enough of a performance difference to justify the expense.

For any comparision, the settings are crucial. You want to have
the radio set to its best performance. It would be helpful to
have someone operate the radio who has experience with it.

A simple S/N comparision is not the whole story when comparing
radios.

Rob
AF6CM

26547. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 17:10:07 UTC
From: Hank
Topic: 26437 Message: 26547

I completely agree. I am new to digital radios, and have no idea what some of the settings are. I have searched all over the Web for a config guide that might help me set up the many parameters of this radio. The manual explains what the settings are, but not how the various options will affect the radio. While I have no problem with my FT-897D (matter of fact I love it), I know that it would probably perform better if all of the settings were set up correctly.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, af6cm_yahoo@... wrote:
>
> On Thu, 25 Jun 2009 15:40 +0000, "g8hul" <g8hul@...>
> wrote:
> >

> For any comparision, the settings are crucial. You want to have
> the radio set to its best performance. It would be helpful to
> have someone operate the radio who has experience with it.
>
> A simple S/N comparision is not the whole story when comparing
> radios.
>
> Rob
> AF6CM
>

26548. RE: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 18:15:02 UTC
From: D. F.
Topic: 26437 Message: 26548

Once again, there are many factors to consider when it comes to noise. 2 that stand out most, to me, are the antenna AND physical location of the rig. The ONLY way, really (IMO), to test for noise, is to take the rig(s) out in the middle of nowhere, where there is NO possibility of ANY interference, and test it that way. The power lines within the home, outside and in the area, again, can give noise that is sometimes un-bearable. I know, I've been through it. Also, don't forget if you may be close to a business or mfg center, the noise will increase, too.

Much of the noise you hear from the rig is man made. Thing is, there is usually so much of it (especially in an urban or suburban setting), it sounds like just loud "white noise" and not normal "static", so to speak.

Antennas, too, can make a difference.

To simply test a rigs side-by-side at the store really won't give you an accurate "measure" of noise, either. The store uses different antennas than you most likely do (considering space limitations, they most likely use vertical antennas) and this makes a difference too, since vertical antennas pick-up more man-made noise than horizontal antennas.

To limit noise and hear the most stations possible and save a few bucks too, I suggest fabricating your own antenna(s) specifically for the band(s) you want to use, and use horizontal antennas (if possible). Commercially made antennas are "broad-banded" antennas. Most are sold under the guise of ham radio antennas, but are used in MANY commercial applications as well, since many of "our" frequency allocations fall within business, commercial or government allocations. Since this is the case, they work, but are FAR from efficient for what we use them for and usually require us to use tuners to get the SWR want.

All the filtering and adjustments in the world won't help much if you cannot limit what the radio "hears" as far as noise goes. Chances are, too, the mfr uses far more efficient antennas than we do for their "spec tests".

One final thought - I find it interesting that many of us as "hobbyists" are so averse to making something on our own (antennas), that we would rather spend more money to make something work and not get the results we seek, then turn around and call the item "crap" or something similar. It takes little money (most times a fraction of retail cost) and less effort to make an antenna that will work they way it should, where you want it to work. Geez, why did you study for the test for?!?!?! Why does the ARRL publish their Antenna Book? But, if most of you would rather spend a few HUNDRED dollars for an antenna that MIGHT work right,

have at it. Just stop complaining about all the "side-effects" from it! With the current economy, does it not make more sense (and cents!) to save money where possible?

Just my thoughts!

Dennis - N8BMB

[Non-text portions of this message have been removed]

26549. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 19:12:45 UTC
From: Rob - W1AEX
Topic: 26437 Message: 26549

I'd say Dennis nailed it with his statement regarding measuring noise figures in a noise-free environment. I've resorted to installing triangular loops a hundred feet out in the woods for 160/75 meters to escape the ever growing roar of little switching supplies, routers, modems, DSL noise propagation, furnace ignition noise and the assortment of electrical appliance buzzsaw noises that come and go, even out here in the sticks.

To be honest, my 897D hears everything that my Pro III can hear when using a quiet antenna. It will dig out a threshold signal just as well, but unfortunately, the menu driven IF shift and DSP adjustments are awkward to adjust on the fly. With front panel controls that larger rigs provide it is easier to dig a little deeper for those signals. I have arrived at receive IF shift settings and DSP settings that work for me in most situations, but everyone will need to play with their 897D on their own to optimize what they are hearing.

The only valid comparative tests for noise figures are those carried out with lab equipment in a controlled environment. Anything else done in the field is going to be a subjective comparison.

I had a friend who was ticked off by the noisy reception he was experiencing with his new rig. I asked him if he had line noise, and he said that he had none. When I stopped by, I saw his S-meter sitting at S-9 with no signal on 75 meters. From the steady repetitive spark noise it was obviously line noise, but when I explained it to him he simply said, "It's not line noise, it's always like that." I shrugged and let it go, but sometimes you need to come to the realization that even a simple dipole can be a real noise collector.

Rob W1AEX

26550. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 19:34:29 UTC
From: g8hul
Topic: 26437 Message: 26550

> To be honest, my 897D hears everything that my Pro III can hear when using a quiet antenna. It will dig out a threshold signal just as well, but unfortunately, the menu driven IF shift and DSP adjustments are awkward to adjust on the fly. With front panel controls that larger rigs provide it is easier to dig a little deeper for those signals. I have arrived at receive IF shift settings and DSP settings that work for me in most situations, but everyone will need to play with their 897D on their own to optimize what they are hearing.
>

Slightly confused by your comments re IF shift. It is a front panel knob control!! Just press and hold the button next to the Clarifer knob to activate and tune with the Clarifier knob.

73
Jeff

26551. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 19:38:35 UTC
From: Charles Scott
Topic: 26437 Message: 26551

All:

Short answers on noise. (OK, not so short.)

1) If you disconnect the antenna and the noise goes away, it's not in the radio.

Exception: Possible overloading of some circuit or components in the radio.

2) If you have a strong signal that has a level significantly above the signal level you see when they're not transmitting, then it's not a noise issue but rather the sound of the signal.

Exception: Possible distortion of received signal due to radio problems or adjustment or improper use of ALC/AGC, filters, or noise blanker.

3) If you are receiving very weak signals and have everything turned way up, there may be some noticeable differences between radios. There may also be some low-level audio chain noise in some radios.

4) If you're using an LDG tuner that's attached to a radio and you're comparing it to another radio without the same tuner attached, try comparing without the LDG tuner connected. (You need to completely disconnect it from the antenna connection and plug the antenna directly into the radio.)

Explanation: I don't have an AT-897, but I do have other LDG tuners, one of which had a problem in which noise local to the radio (i.e. computer, displays, etc...) can induce noise into the power/control cable and raise the noise floor multiple dB. That was fixed with a simple modification. Perhaps someone with an AT-897 can test this.

Chuck - N8DNX

D. F. wrote:
> Once again, there are many factors to consider when it comes to noise....

26552. RE: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 19:46:20 UTC
From: D. F.
Topic: 26437 Message: 26552

Right you are, Rob. Your friend is ignorant to the fact that "interference" does not have to be, let's see - how to put it, like the "ignition noise" found in a lot of mobile applications. Want an example? Do a little HF work during the day in an urban/suburban environment. Then hit the same bands around midnight/1am. You will most likely see a drop to almost half of what the noise is during the day (using an S9 "noise floor" as a daytime example) just because power consumption in the area has dropped off (assuming most pesky neighbors have gone to sleep).

I also forgot to mention that when you go to the store to side-by-side compare the rigs, the store is 99% for sure in an urban setting with commercial power connections to the building in an area where there is HEAVY power consumption to boot!

Besides antennas, you can put a ferrite ring on the power cord to the power supply AND either a ring or filters on the line supplying the rig. It will help SOME (in most cases you may not even notice).

Anyway, if most were to change the antenna, or in many cases, simply try better feed-line, they may get better results instead of labeling a radio as "garbage - too much noise!".

Knowing your operating environment is just as important as looking at the specs of a radio. Limiting the effects of interference (what your radio hears) is the trick. Better sensitivity, noise rejection, signal to noise ratios, etc. don't mean squat if you are in an environment that is just plain "noisy".

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Rob - W1AEX
Sent: Thursday, June 25, 2009 14:13
To: FT897@yahoogroups.com
Subject: [FT897] Re: Audio quality (Using the 897D at home)

I'd say Dennis nailed it with his statement regarding measuring noise figures in a noise-free environment. I've resorted to installing triangular loops a hundred feet out in the woods for 160/75 meters to escape the ever growing roar of little switching supplies, routers, modems, DSL noise propagation, furnace ignition noise and the assortment of electrical appliance buzzsaw noises that come and go, even out here in the sticks.

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The only valid comparative tests for noise figures are those carried out with lab equipment in a controlled environment. Anything else done in the field is going to be a subjective comparison.

I had a friend who was ticked off by the noisy reception he was experiencing with his new rig. I asked him if he had line noise, and he said that he had none. When I stopped by, I saw his S-meter sitting at S-9 with no signal on 75 meters. From the steady repetitive spark noise it was obviously line noise, but when I explained it to him he simply said, "It's not line noise, it's always like that." I shrugged and let it go, but sometimes you need to come to the realization that even a simple dipole can be a real noise collector.

Rob W1AEX

[Non-text portions of this message have been removed]

26553. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-25 22:10:17 UTC
From: Ka9p
Topic: 26437 Message: 26553

At this point I can't remember exactly what the seminal poster posted :) but my feeling for quite some time has been that the 879d has a good receiver, on par with about everything else, but that the audio ends up a bit harsh, and that makes the noise more annoying to my ears.

I dearly love that radio, and have put a lot of airline and field miles on it, and it's going out again this weekend, but I can think of lots of radios with (what I suspect but can't measure) have better/cleaner/mellower receive audio, especially my Ten Tecs and TS870.

FWIW, Scott

In a message dated 06/25/09 14:35:10 Central Daylight Time, g8hul@... writes:

> To be honest, my 897D hears everything that my Pro III can hear when using a quiet antenna. It will dig out a threshold signal just as well, but unfortunately, the menu driven IF shift and DSP adjustments are awkward to adjust on the fly. With front panel controls that larger rigs provide it is easier to dig a little deeper for those signals. I have arrived at receive IF shift settings and DSP settings that work for me in most situations, but everyone will need to play with their 897D on their own to optimize what they are hearing.
>

Slightly confused by your comments re IF shift. It is a front panel knob control!! Just press and hold the button next to the Clarifer knob to activate and tune with the Clarifier knob.

73
Jeff

[Non-text portions of this message have been removed]

26554. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 02:17:54 UTC
From: Odessa Spikes
Topic: 26437 Message: 26554

I tried different external speakers as well as settings within the rig. I found a Cabasse mt-360 home theater speaker to sound pleasing to my ears, even for the HF bands. You will surprised at what a quality component will do for sound no matter the source! Get out there and experiment.
Jeff Spikes
KD5QDO
EL39bw

From: Ka9p <ka9p@aol.com>
To: FT897@yahoogroups.com
Sent: Thursday, June 25, 2009 5:10:17 PM
Subject: Re: [FT897] Re: Audio quality (Using the 897D at home)

[Non-text portions of this message have been removed]

26555. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 02:56:31 UTC
From: Ron
Topic: 26437 Message: 26555

I agree with you 100% Jeff. I use the Optimus or RCA smaller book shelf speakers (3 inch woofer) for each of my rigs. They sound just great! This improves the audio 300% If you don't want wide audio, you can narrow it with the DSP filter.

Ron WB9BDZ

[Non-text portions of this message have been removed]

26556. RE: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 03:16:03 UTC
From: Gene Horr
Topic: 26437 Message: 26556

> I tried different external speakers as well as settings within the rig....
You will surprised at what a quality component will do for sound no
matter the source!

X 2. The audio quality is actually decent with a good speaker.

Gene
NG1H

26557. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 03:26:18 UTC
From: Larry D. Barr, K5WLF
Topic: 26437 Message: 26557

I find it interesting how everyone's ears are different and respond to differing frequency ranges. I personally prefer a restricted audio range for ham communications and don't find the response of the internal speaker on the FT-897D to be a problem.

So, I guess the moral of the story is that everyone should experiment with various speakers and headphones and find the one that works the best for them.

73,
ldb
K5WLF

Gene Horr wrote:
>> I tried different external speakers as well as settings within the rig....
> You will surprised at what a quality component will do for sound no
> matter the source!
>
> X 2. The audio quality is actually decent with a good speaker.
>
> Gene
> NG1H

26558. RE: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 04:08:22 UTC
From: Gene Horr
Topic: 26437 Message: 26558

> I find it interesting how everyone's ears are different and respond to differing frequency ranges. I personally prefer a restricted audio range for ham communications and don't find the response of the internal speaker on the FT-897D to be a problem.

Well, that's a valid point. I'm not so sure that a better speaker with a wider frequency response is actually improving SNR from a mathematical view, after all you are picking up additional noise with that additional signal. For me it "sounds" better. But if you were to say "but you aren't actually decoding more of a signal than you were with the stock speakers" I really couldn't disagree from my experience.

Perhaps the difference in preference is between those receiving louder signals where the expanded bandwidth "enhances" the experience versus those trying to pick out weaker signals where SNR is the primary concern? Also it is possible that this is an age related issue. If you can't hear those higher frequencies then the speakers response on the higher end is wasted (and I'm at the age where they are starting to fade myself.)

Gene
NG1H

26559. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 04:28:21 UTC
From: Larry D. Barr, K5WLF
Topic: 26437 Message: 26559

A friend of mine, who also has an 897D, loaned me a wide range speaker identical to the one he likes. I found the extra 'noise' from the full-range speaker to be distracting and gave it back to him.

It could well be somewhat age related. But again, different folks have varied hearing responses to aging, so I'm not sure that we can draw any significant conclusions based on age alone. I'm 58 (for the next week) and had my hearing tested about six months ago. I can still hear up to about 17 KHz. When I was 18, I could hear up to 22 KHz (but they called it "kc" back then <G>).

Personally, I think that it's simply a difference in the way different folks hear, and perceive, the various frequencies in any given signal. So, keep experimenting with speakers and headphones and find the one that suits you the best.

For example, I have a Heil ProSet 5, which I wear with one earpiece pulled back off my ear and I don't plug in the earpiece plug. I talk on the Heil mic, but listen on the 897D speaker.

73,
ldb
K5WLF

Gene Horr wrote:
>> I find it interesting how everyone's ears are different and respond to
> differing frequency ranges. I personally prefer a restricted audio range for
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> decoding more of a signal than you were with the stock speakers" I really
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>
> Perhaps the difference in preference is between those receiving louder
> signals where the expanded bandwidth "enhances" the experience versus those
> trying to pick out weaker signals where SNR is the primary concern? Also it
> is possible that this is an age related issue. If you can't hear those
> higher frequencies then the speakers response on the higher end is wasted
> (and I'm at the age where they are starting to fade myself.)
>
> Gene
> NG1H

26560. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 14:04:27 UTC
From: tailfeathers
Topic: 26437 Message: 26560

Geez...I mean...all of these possibilities...The radio has a built in Preamp...I'll never understand that thinking...As does the TS2000 but its automatically off not on...Its the preamp thats inserting the extra noise in my opinion...My 897 hears distant electric fences that my TS2000 doesn't...Its a noise magnet...

Gary

Gene Horr wrote:
>> I find it interesting how everyone's ears are different and respond to
>>
> differing frequency ranges. I personally prefer a restricted audio range for
> ham communications and don't find the response of the internal speaker on
> the FT-897D to be a problem.
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>
> Gene
> NG1H
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.375 / Virus Database: 270.12.92/2202 - Release Date: 06/25/09 17:58:00
>
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_____
Turn any room into a work of art. Click now for beautiful oriental rugs!
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26561. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 14:06:21 UTC
From: tailfeathers
Topic: 26437 Message: 26561

Sound can be improved on but when the noise is louder than the signals
its not a sound issue...

Gary

Larry D. Barr, K5WLF wrote:
> A friend of mine, who also has an 897D, loaned me a wide range speaker
> identical to the one he likes. I found the extra 'noise' from the
> full-range speaker to be distracting and gave it back to him.
>
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> significant conclusions based on age alone. I'm 58 (for the next week)
> and had my hearing tested about six months ago. I can still hear up to
> about 17 KHz. When I was 18, I could hear up to 22 KHz (but they called
> it "kc" back then <G>).
>
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> folks hear, and perceive, the various frequencies in any given signal.
> So, keep experimenting with speakers and headphones and find the one
> that suits you the best.
>
> For example, I have a Heil ProSet 5, which I wear with one earpiece
> pulled back off my ear and I don't plug in the earpiece plug. I talk on
> the Heil mic, but listen on the 897D speaker.
>
> 73,
> ldb
> K5WLF
>
>
> Gene Horr wrote:
>
>>> I find it interesting how everyone's ears are different and respond to
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>> differing frequency ranges. I personally prefer a restricted audio range for
>> ham communications and don't find the response of the internal speaker on
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>> NG1H
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.375 / Virus Database: 270.12.92/2202 - Release Date: 06/25/09 17:58:00
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Always a good call. Click now to establish your local phone service!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTHbDitACJpYaH9TF4aXCQ9svqbECCNu5CmZwT06amOXkO1XrSxPiQ/

26562. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 16:26:53 UTC
From: Charles Scott
Topic: 26437 Message: 26562

Gary:

This is probably a matter of semantics. Certainly you don't mean to imply that a radio should not have any RF amplification before the mixer, do you? From the way it looks in the schematic, the FT-897's "preamp" is just that, an RF amplifier in front of the mixer. When that's switched out, there's no amplification in front of the mixer.

I wouldn't go blaming that RF amplifier without good evidence, particularly with what I know about the switching issues before it. It's also a good thing to have a good amplifier before the mixer for situations where there's less band noise and you can use the extra gain.

That you can hear distant electric fences on the 897 and not on the 2000 may be word in favor of the 897. This may simply be a matter of blanker adjustment or other setup. Turn off the noise blanker on the 2000 to see if it hears that noise also? Does it hear it with the 2000's "preamp" on?

Chuck - N8DNX

tailfeathers wrote:
> Geez...I mean...all of these possibilities...The radio has a built in
> Preamp...I'll never understand that thinking...As does the TS2000 but
> its automatically off not on...Its the preamp thats inserting the extra
> noise in my opinion...My 897 hears distant electric fences that my
> TS2000 doesn't...Its a noise magnet...
>
> Gary
>
>

26563. Re: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-26 17:03:26 UTC
From: tailfeathers
Topic: 26437 Message: 26563

I wasn't implying anything other than a preamp should be turned on not off by default...I've tried it every way possible...I've shut the entire house off...Its still a noisier radio...I'm not gonna sell it because its tolerable...I like it...But its no TS2000 but then its 1/3 the price of my 2000X...

Gary

Charles Scott wrote:
> Gary:
>
> This is probably a matter of semantics. Certainly you don't mean to
> imply that a radio should not have any RF amplification before the
> mixer, do you? From the way it looks in the schematic, the FT-897's
> "preamp" is just that, an RF amplifier in front of the mixer. When
> that's switched out, there's no amplification in front of the mixer.
>
> I wouldn't go blaming that RF amplifier without good evidence,
> particularly with what I know about the switching issues before it. It's
> also a good thing to have a good amplifier before the mixer for
> situations where there's less band noise and you can use the extra gain.
>
> That you can hear distant electric fences on the 897 and not on the 2000
> may be word in favor of the 897. This may simply be a matter of blanker
> adjustment or other setup. Turn off the noise blanker on the 2000 to see
> if it hears that noise also? Does it hear it with the 2000's "preamp" on?
>
> Chuck - N8DNX
>
>
> tailfeathers wrote:
>
>> Geez...I mean...all of these possibilities...The radio has a built in
>> Preamp...I'll never understand that thinking...As does the TS2000 but
>> its automatically off not on...Its the preamp thats inserting the extra
>> noise in my opinion...My 897 hears distant electric fences that my
>> TS2000 doesn't...Its a noise magnet...
>>
>> Gary
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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.375 / Virus Database: 270.12.92/2203 - Release Date: 06/26/09 05:53:00
>
>

_____
Be the envy of the neighborhood with new patio furniture. Click Here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTK9v3fIpCt9NL8H49rtP5128L9j21riVN1GMgnsEGia4BYikPheGs/

26564. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-27 01:06:15 UTC
From: Steve Yates
Topic: 26437 Message: 26564

I prefer my Radio Shack communications speaker for CW, SSB, and narrow band FM and a hi-fi speaker for AM and FM broadcast. Therefore, I built an external switch and mounted it under the shelf to switch between the two. Solves the problem as there is no one speaker for everything. DSP on the hi-fi helps but it doesn't have the punch of the communications speaker.

73,
Steve - AA5TB

26565. FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 02:08:03 UTC
From: morseham
Topic: 26565 Message: 26565

Recently my fairly new (under 2 years) 897D has developed a crackle in the receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving. It occurs with and without an external speaker. The speaker jack has been inspected and bypassed. The problem persists. It also occurs whether the receiver is squelched or un-squelched. This is not the crackle that is heard on a weak FM signal. This is definately internal to the 897D. I have not noticed it on other modes (admittedly, I normally do not squelch non-FM modes). It is also noticeable when the CTCSS decoder is ON and there is no signal.

Paul N6XS
Fontana CA

26566. Re: light go blinky blinky...

Yahoo group: FT897 (2009)
Date: 2009-06-27 02:20:12 UTC
From: hb789
Topic: 20559 Message: 26566

--- In FT897@yahoogroups.com, Dan Evans <dan.evans@...> wrote:
>
> Greetings all,
>
> I have a quick question. I bought a second hand FT897D a few months ago
> and so far have been very happy with it. It does have one annoying
> quirk, however. For some reason that I have not been able to figure
> out, the battery A/B light blinks continuously. The battery select
> switch will let you pick which light blinks... My rig does not have the
> internal batteries installed, so I'm not sure why the light blinks. Any
> ideas on how to stop the torture? Tape over the bulbs??
>
> Also, I couldn't find in the manual how to "un-skip" menu items. There
> are directions on how to remove items from the menu list, but not how to
> restore them. The previous owner removed several items I would like to
> have access to.
>
> Who has the best price on a CT-62?
>
> Thanks!
>
> 73
> Dan
> --
> K9ZF /R no budget Rover ***QRP-l #1269
> Check out the Rover Resource Page at: <http://www.qsl.net/n9rla>
> List Administrator for: InHam+grid-loc+ham-books
> Ask me how to join the Indiana Ham Mailing list!

Dan, did you ever get an answer to this question? My 897's battery lights started blinking just as yours did. started tonight,, after I got home and there had been a thunderstorm in my area, which also fried one of my computers! is there a way to stop the battery light from blinking?? thanks, Herb K1LOG
>

26567. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-27 05:48:32 UTC
From: wa0lhb_john
Topic: 26437 Message: 26567

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>
> A friend of mine, who also has an 897D, loaned me a wide range speaker
> identical to the one he likes. I found the extra 'noise' from the
> full-range speaker to be distracting and gave it back to him.
>

Hi,
My hearing upper end is still quite good for a geezer and yes, if using a good wide range 'hi-fi' speaker the audio amp noise is annoying.... unless the [DBF] is active and limiting the upper end band pass. Then the 897D audio quality through a hi-fi speaker is just as good as any rig I own. Comparison tests were done A-B, side by side with several good HF receivers listening to both SSB and HF/MW broadcast signals.

Out of the box the 897 [DBF] upper end is (I think) set to 6 KHZ which just pumps through white noise on the audio chain.

The [DBF] or digital bandpass filter needs to be set to limit the upper end frequencies. I have my audio band pass set to 240 hz bottom end, mostly to eliminate transmitted repeater PL tones, and the high end is set to 2400 to 2800 hz depending on the signal quality coming in. Even on UHF/VHF FM the upper end audio is usually not much better than 3 KHz anyhow.

Try it, You'll like it. ;-)

John WA0LHB

26568. Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-27 13:17:33 UTC
From: tenorman1952
Topic: 26437 Message: 26568

--- In FT897@yahoogroups.com, "wa0lhb_john" <wa0lhb@...> wrote:
> Hi,
> My hearing upper end is still quite good for a geezer and yes, if using a good wide range 'hi-fi' speaker the audio amp noise is annoying.... unless the [DBF] is active and limiting the upper end band pass. Then the 897D audio quality through a hi-fi speaker is just as good as any rig I own. Comparison tests were done A-B, side by side with several good HF receivers listening to both SSB and HF/MW broadcast signals.
>
> Out of the box the 897 [DBF] upper end is (I think) set to 6 KHZ which just pumps through white noise on the audio chain.
>
> The [DBF] or digital bandpass filter needs to be set to limit the upper end frequencies. I have my audio band pass set to 240 hz bottom end, mostly to eliminate transmitted repeater PL tones, and the high end is set to 2400 to 2800 hz depending on the signal quality coming in. Even on UHF/VHF FM the upper end audio is usually not much better than 3 KHz anyhow.
>
> Try it, You'll like it. ;-)
>
> John WA0LHB

Let me wade in here... John's suggestion is very good. As a musician I like listening to music on hi fidelity speakers, a system that covers the entire frequency range of the music. But we are not listening to music with 20-20khz range. We are listening to voice, for the most part, transmitted by radio. The bandwidth of the desired signal is only about 3 khz, 3.5 khz max. And we do need the higher frequencies as they are what gives intelligibility to voice. Loss of high frequency hearing is why we go "huh?" when people speak to us.

So everything outside of that passband is noise. I had a Radio Shack Minimus 77 hooked up for a while. This is a nich bookshelf high fidelity speaker that has a 5" woofer and a 1" dome tweeter for a great top end. But that just passed too much noise. I now have some little 2"x4" oval speakers, they look to be identical to the Icom 23's, I purchased from a fellow on QRZ, that just will not produce much if anything below 250 hz or above 4 khz. They are in effect, a filter themselves.

Setting the 897 DSP's low end cutoff higher, and the high end cutoff lower, to about 3khz (I forget the exact hz setting) is a big help.

Still better, I have the BHI 1061 DSP installed internally. This is a huge improvement over the 897's. Listen to the mp3's in Files > AE5JU folder > BHI DSP subfolder.

But there is no use reproducing anything outside of the voice frequencies. The 897's DSP can be turned off when listening to the AM/MW band.

Paul
AE5JU

26569. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 14:15:16 UTC
From: Steve Yates
Topic: 26565 Message: 26569

Hi Paul,

Does this occur on all bands? The reason I ask is that here in Texas the military EPLRS causes a similiar interference on 70cm that many folks mistaken for natural QRN.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "morseham" <morseham@...> wrote:
>
> Recently my fairly new (under 2 years) 897D has developed a crackle in the receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving. It occurs with and without an external speaker. The speaker jack has been inspected and bypassed. The problem persists. It also occurs whether the receiver is squelched or un-squelched. This is not the crackle that is heard on a weak FM signal. This is definately internal to the 897D. I have not noticed it on other modes (admittedly, I normally do not squelch non-FM modes). It is also noticeable when the CTCSS decoder is ON and there is no signal.
>
> Paul N6XS
> Fontana CA
>

26570. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 14:26:04 UTC
From: morseham
Topic: 26565 Message: 26570

Hi Steve,

This problem is INTERNAL. It is not an over-the-air issue. I only wish that it was that simple.

However, it is of major interest on the two meter band. I am attempting to see if it shows up on 440 or others. This Field Day weekend will be having lots of signals on all of the bands and give me a chance to find out. Although, since the problem is internal, it would seem to follow that it would show up on all bands.. It just showed up when I was on a MARS VHF frequency. (It is not on the MARS equipment as verified with other equipment in my station).

73,

Paul, N6XS
Fontana CA
USA

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Hi Paul,
>
> Does this occur on all bands? The reason I ask is that here in Texas the military EPLRS causes a similiar interference on 70cm that many folks mistaken for natural QRN.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "morseham" <morseham@> wrote:
> >
> > Recently my fairly new (under 2 years) 897D has developed a crackle in the receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving. It occurs with and without an external speaker. The speaker jack has been inspected and bypassed. The problem persists. It also occurs whether the receiver is squelched or un-squelched. This is not the crackle that is heard on a weak FM signal. This is definately internal to the 897D. I have not noticed it on other modes (admittedly, I normally do not squelch non-FM modes). It is also noticeable when the CTCSS decoder is ON and there is no signal.
> >
> > Paul N6XS
> > Fontana CA
> >
>

26571. RE: [FT897] Re: Audio quality (Using the 897D at home)

Yahoo group: FT897 (2009)
Date: 2009-06-27 14:30:16 UTC
From: Michael Walker (VA3MW)
Topic: 26437 Message: 26571

Paul's comment is spot on.

If you are new to the hobby, there are a couple of things that you need to keep in mind. The largest one is bandwidth of the audio. Yes, SSB is very maxed out at 3khz and it is very normal to be as low as 2khz - starting at almost 0hz. So, you might find the internal speaker a little thin. In most cases, the internal speaker is added as only a courtesy so that you can actually hear something when you first turn the radio on when you get it out of the box. J

In the car, or even the shack, then you need to jump up to about 4" or so. Just so you can actually hear it in a noisy environment. Or, headphones (or, in a car, even an ear piece). I know in Ontario it is not against the law to wear complete 2 ear head phones while driving (I used to use a David Clark headset/mic for both my cell and SSB radio while in my convertible). If you aren't sure about your local laws, then check. - I know that is going to spin off into another entire off topic discussion (I'm pretty sure you can be deaf and get a drivers license, but I digress).

FM is much higher bandwidth. 15khz.

Even though you can pump up the bandwidth to 6khz for ssb in the receiver, often less than 2.5khz is being transmitted. Sort of like feeding water from a 1" pipe into a 3" pipe. The rest is air (or noise).

Hope that makes sense. Have faith that the guys that build your radio actually knew what they were doing. It isn't just a 'toaster'. J

Mike VA3MW

From: tenorman1952 [mailto:tenorman1952@...]
Sent: Saturday, June 27, 2009 9:18 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Audio quality (Using the 897D at home)

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "wa0lhb_john" <wa0lhb@...> wrote:
> Hi,
> My hearing upper end is still quite good for a geezer and yes, if using a good wide range 'hi-fi' speaker the audio amp noise is annoying.... unless the [DBF] is active and limiting the upper end band pass. Then the 897D audio quality through a hi-fi speaker is just as good as any rig I own. Comparison tests were done A-B, side by side with several good HF receivers listening to both SSB and HF/MW broadcast signals.
>
> Out of the box the 897 [DBF] upper end is (I think) set to 6 KHZ which just pumps through white noise on the audio chain.

>
> The [DBF] or digital bandpass filter needs to be set to limit the upper end frequencies. I have my audio band pass set to 240 hz bottom end, mostly to eliminate transmitted repeater PL tones, and the high end is set to 2400 to 2800 hz depending on the signal quality coming in. Even on UHF/VHF FM the upper end audio is usually not much better than 3 KHz anyhow.
>
> Try it, You'll like it. ;-)
>
> John WA0LHB

Let me wade in here... John's suggestion is very good. As a musician I like listening to music on hi fidelity speakers, a system that covers the entire frequency range of the music. But we are not listening to music with 20-20khz range. We are listening to voice, for the most part, transmitted by radio. The bandwidth of the desired signal is only about 3 khz, 3.5 khz max. And we do need the higher frequencies as they are what gives intelligibility to voice. Loss of high frequency hearing is why we go "huh?" when people speak to us.

So everything outside of that passband is noise. I had a Radio Shack Minimus 77 hooked up for a while. This is a nich bookshelf high fidelity speaker that has a 5" woofer and a 1" dome tweeter for a great top end. But that just passed too much noise. I now have some little 2"x4" oval speakers, they look to be identical to the Icom 23's, I purchased from a fellow on QRZ, that just will not produce much if anything below 250 hz or above 4 khz. They are in effect, a filter themselves.

Setting the 897 DSP's low end cutoff higher, and the high end cutoff lower, to about 3khz (I forget the exact hz setting) is a big help.

Still better, I have the BHI 1061 DSP installed internally. This is a huge improvement over the 897's. Listen to the mp3's in Files > AE5JU folder > BHI DSP subfolder.

But there is no use reproducing anything outside of the voice frequencies. The 897's DSP can be turned off when listening to the AM/MW band.

Paul
AE5JU

[Non-text portions of this message have been removed]

26572. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 18:27:33 UTC
From: morseham
Topic: 26565 Message: 26572

ALL,

This problem occurs on ALL bands WITHOUT either antenna connected. It is most noticeable in the AM mode. It is not there when the receiver is in FM and the CTCSS/DCS decoder is active. It is there in the SSB modes but hard to hear. It is constant and sounds like a constant static crash of constant amplitude. It is causing the S-meter to respond to about 50% of full scale indicating a probable location in the IF area. Remember it is HF through UHF so the Antenna switches and RF front ends are not the cause. It is somewhere in the common area of the receiver(s).

Paul N6XS/AAR9BJ
Fontana CA

--- In FT897@yahoogroups.com, "morseham" <morseham@...> wrote:
>
> Hi Steve,
>
> This problem is INTERNAL. It is not an over-the-air issue. I only wish that it was that simple.
>
> However, it is of major interest on the two meter band. I am attempting to see if it shows up on 440 or others. This Field Day weekend will be having lots of signals on all of the bands and give me a chance to find out. Although, since the problem is internal, it would seem to follow that it would show up on all bands.. It just showed up when I was on a MARS VHF frequency. (It is not on the MARS equipment as verified with other equipment in my station).
>
>
> 73,
>
> Paul, N6XS
> Fontana CA
> USA
>
> --- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@> wrote:
> >
> > Hi Paul,
> >
> > Does this occur on all bands? The reason I ask is that here in Texas the military EPLRS causes a similiar interference on 70cm that many folks mistaken for natural QRN.
> >
> > 73,
> > Steve - AA5TB
> >
> > --- In FT897@yahoogroups.com, "morseham" <morseham@> wrote:
> > >

> > > Recently my fairly new (under 2 years) 897D has developed a crackle in the receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving. It occurs with and without an external speaker. The speaker jack has been inspected and bypassed. The problem persists. It also occurs whether the receiver is squelched or un-squelched. This is not the crackle that is heard on a weak FM signal. This is definately internal to the 897D. I have not noticed it on other modes (admittedly, I normally do not squelch non-FM modes). It is also noticeable when the CTCSS decoder is ON and there is no signal.
> > >
> > > Paul N6XS
> > > Fontana CA
> > >
> >
>

26573. Re: [FT897] FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 22:37:14 UTC
From: Randy Charles Ford
Topic: 26565 Message: 26573

Have you taken the cover off of the radio and ensured that all of the internal ground screws are tight?

73,
kg4jix - randy.

On Friday 26 June 2009 21:08:03 morseham wrote:
> Recently my fairly new (under 2 years) 897D has developed a crackle in the
> receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving.
> It occurs with and without an external speaker. The speaker jack has been
> inspected and bypassed. The problem persists. It also occurs whether the
> receiver is squelched or un-squelched. This is not the crackle that is
> heard on a weak FM signal. This is definately internal to the 897D. I have
> not noticed it on other modes (admittedly, I normally do not squelch non-FM
> modes). It is also noticeable when the CTCSS decoder is ON and there is no
> signal.
>
> Paul N6XS
> Fontana CA

26574. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-27 23:51:15 UTC
From: morseham
Topic: 26565 Message: 26574

Not yet Randy,

Nor have I ruled out the power supply (FC-30). Those two issues will be next on the agenda.

Thank you,

Paul N6XS
Fontana CA

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Have you taken the cover off of the radio and ensured that all of the internal
> ground screws are tight?
>
> 73,
> kg4jix - randy.
>
>
> On Friday 26 June 2009 21:08:03 morseham wrote:
> > Recently my fairly new (under 2 years) 897D has developed a crackle in the
> > receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving.
> > It occurs with and without an external speaker. The speaker jack has been
> > inspected and bypassed. The problem persists. It also occurs whether the
> > receiver is squelched or un-squelched. This is not the crackle that is
> > heard on a weak FM signal. This is definately internal to the 897D. I have
> > not noticed it on other modes (admittedly, I normally do not squelch non-FM
> > modes). It is also noticeable when the CTCSS decoder is ON and there is no
> > signal.
> >
> > Paul N6XS
> > Fontana CA
>

26575. lining up rx on my 897

Yahoo group: FT897 (2009)
Date: 2009-06-28 08:50:32 UTC
From: Darren S
Topic: 26575 Message: 26575

Hello. My 897 suffers from deafness on 70cm. Investigations revealed that it could need lining up and for that matter the s- meter on ssb is non-existant too. for the rx problem i find that i can line it up in the alignment menu. For it i need a signal generator set at 0 DB into the antenna socket. I have a signal generator but i don't get the 0 db reference

"
RX Gain Adjustment
a. Select the CW mode. Tune the transceiver to 1.8MHz band. Select “HF1RXG” in the menu by rotating VFO/M-CH knob. Inject a RF signal from a signal generator at 2dBu output.
b. Set the parameter “HF1RXG” at the value of lighting the first dot of the S-meter (S1) on the
LCD by rotating the main dial.
c. Other RX gain adjustment should be performed as this routine. Output levels of the signal
generator at each frequency are shown as follows.
Frequency Output Level of SG
1.8MHz Band 12 dBu
7MHz Band 12 dBu
21MHz Band 9 dBu
50MHz Band 0 dBu
144MHz Band 0 dBu
430MHz Band 0 dBu

"
the menu selection i think i need is UFFRXG. I have a signal generator but it has no DB indicator of any kind on it and i looked up DB 0 on google and it's describes as audio threshhold. Can I do this operation with a sg gen without DBu indicator or should i see if i can get a SG with one???

Thanks

26576. Re: [FT897] PC--->SignaLinkUSB--->FT-897D---> MT63 problem solved !!

Yahoo group: FT897 (2009)
Date: 2009-06-28 08:51:18 UTC
From: Darren S
Topic: 26541 Message: 26576

Thanks for posting that and well done for solving it.

From: Patricia Elaine Gibbons <wa6ube@...>
To: FT897@yahoogroups.com
Sent: Thursday, 25 June, 2009 12:32:37
Subject: [FT897] PC--->SignaLinkUSB--->FT-897D---> MT63 problem solved !!

I've asked a few times on this list what the secret
is in running MT63 mode with an FT-897D and
SignaLinkUSB soundcard interface ..

TaDa !!

The Secret is to move the SignalinkUSB sampling rate from
11025 Hz to 12000 Hz . !!!

Probem solved ... works fine !! ..

Elaine

[Non-text portions of this message have been removed]

26577. Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-06-22 17:50:02 UTC
From: w4nsc
Topic: 25902 Message: 26577

I HAD SWITCHED TO AM AND FM WHILE TUNING AND ONLY GOT 80 WATTS OUT IS THEIR A PROBLEM

26578. Original Mic for 897

Yahoo group: FT897 (2009)
Date: 2009-06-22 23:22:54 UTC
From: Michael
Topic: 26578 Message: 26578

Does anyone have a spare mic for the 897 that they're not using? Let me know I'm looking for one n8mrc(at)yahoo.com Thanks

26579. FT-897 N3FJP SOFTWARE

Yahoo group: FT897 (2009)
Date: 2009-06-25 12:15:51 UTC
From: w4nsc
Topic: 26579 Message: 26579

HELLO ALL AM TRYING TO USE THE RIG CONTROL IN THE SOFTWARE WITH MY FT-897.
AM USING A SERIAL TO USB ADAPTER FOR MY COMPUTER IT LOOKS LIKE IT SEES THE RADIO BUT NO DATA BEING SEEN.
HAS ANYONE TRYED THIS AND HAVING THE SAME TROUBLE AND IS THEIR A FIX?
ED W4NSC

26580. Re: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-22 20:36:41 UTC
From: Ron Bondy
Topic: 26460 Message: 26580

Hi Ted,

With regard to the voltage regulator, I was thinking that the voltage regulator would be necessary when the voltage drops on transmit.

My understanding is that deep cycle batteries can be damaged if the voltage drops below 10.5v, and you don't want the voltage to drop below 11.5v to avoid excessive calcium buildup.

For psk31, I'm seeing my voltage drop to 11.6v on transmit using a fully charged 100AmpHr after say 1/2 hr of psk31 operation where I've cut back the transmit power to 40watts.

Do you run psk31 from a battery using the 897, and if so how many amp-hours of battery capacity do you use?

Thanks,

Ron

From: Ted Wrobel <twrobel@...>
To: FT897@yahoogroups.com
Sent: Monday, June 22, 2009 11:22:02 AM
Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Ron,

Shouldn't be any reason for the BATTERY voltage to exceed the limit - just not possible.

However, if your charger were to put out excessive voltage it could damage the rig. It would also likely fry the battery if left high for very long.

So the control issue if the charger circuit. The charger should limit voltages to what is appropriate to the battery.

There should be no upward swing on transmit but there is likely to be a voltage drop unless you use very large, short power leads..

There are some issues with charging a bettery from a typical ham power supply that involve damage to the supply when power fails but the battery reamins connected.

One simple solution is to use a computer UPS unit to charge the battery - float voltage will be OK for many marine batteries.

73
Ted
W1GRI

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of aa0fk
Sent: Saturday, June 20, 2009 10:11
To: FT897@yahoogroups. com
Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Bob, kc3vo,

I'm interested in learning more about batteries, and am currently setting up to also run from a deep cycle marine battery. One thing that surprises me is that you don't see much mention of using a voltage regulator. There are products out there that shut the battery off if the voltage goes outside the range 11.5 to 15v in order to protect your equipment.

Without a voltage regulator, I'm concerned that my other equipment (ie tnc) will experience voltage swings during transmit.

Is it common to use a voltage regulator when operating a ham station using batteries? Do you recommend it?

Thanks,

Ron, KD0HNE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26581. FT-897 and N3fjp AC Log Software

Yahoo group: FT897 (2009)
Date: 2009-06-22 17:17:05 UTC
From: w4nsc
Topic: 26581 Message: 26581

i am using the N3FJP logging software and i have been trying to get my rig and the software rig control to work.
has anyone had this problem or has gotten the software to work
thanks.
73
Ed W4NSC

26582. Re: [FT897] Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-23 22:50:13 UTC
From: Aristotle Zoulas
Topic: 26362 Message: 26582

did not know I had to do that. When it worked, I looked no further, thanks. KC2GBS

--- On Mon, 6/22/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:

From: Larry D. Barr, K5WLF <k5wlf@...>
Subject: Re: [FT897] Anyone use this radio with HRD
To: FT897@yahoogroups.com
Date: Monday, June 22, 2009, 11:32 PM

Obvious question, Ari, but did you set the radio to 38400bps in Menu
019, "CAT RATE"?

73,
ldb
K5WLF

> From: Aristotle Zoulas [mailto:jrzoulas@yahoo. com]
> Sent: Wednesday, June 17, 2009 3:49 PM
> To: FT897@yahoogroups. com
> Subject: RE: [FT897] Anyone use this radio with HRD
>
> I am running the iogear usb to serial adapter and for some reason, I can
> only get HRD to see the radio at 4800 baud. I definitely think it would work
> better at the faster speed but for some reason I cannot do it. Perhaps with
> an old computer and a real serial port. Or I can possibly ad a Lava serial
> card to my machine. I never thought I would have to go back and use serial
> again--(
>
> Aristotle Zoulas, KC2GBS, Warwick NY
>
> BTW, great info, more than I got on the HRD group.

[Non-text portions of this message have been removed]

26583. Connection from CAT to LDG tuner for power

Yahoo group: FT897 (2009)
Date: 2009-06-24 18:46:26 UTC
From: zr1bob
Topic: 26583 Message: 26583

I have an FT-897 and am using the LDG Z-100 tuner. I want to power the tuner from the CAT/Linear jack
on the back of the radio and have converted a spare DIN cable to have the 2.5 x 5.5 DC plug on the
other end. I've connected into the 13.8 volt & ground connections for the DC plug but when I try to power
the tuner it doesn't appear to work properly, like it can't tune...it's getting power.
Is there some menu setting or something I'm missing here? I really want to power the tuner directly from
the rig so I don't have to use an external 12v power supply.
Any thoughts would be greatly appreciated.
Thanks
N6RDC

26584. Re: [FT897] Re: batteries

Yahoo group: FT897 (2009)
Date: 2009-06-23 14:20:32 UTC
From: Ron Bondy
Topic: 17604 Message: 26584

Hi Kirk,

How many AH was that battery?

Thanks,

Ron

FYI- The other weekend I took mt FT-897D w/AT-897 and a mini buddiepole to the beach in Walton County, FL. I brought with me a fully charged, fairly new marine starting battery. I operated at full power (100W) for approx 6 hours. Made a moderate number of contacts. The voltmeter on the radio (rx) showed 12.7VDC when I started. When I finished the voltmeter showed 12.5VDC after 6 hours.

That is my actual experience.. . no calculations, just operating and watching.

I was very impressed and realized I can operate for a long time on a good battery. (The battery is normaly connected to a charger outside my shack and operates a commercial radio for the local FD ops and is backup power for the shack as a whole).

[Non-text portions of this message have been removed]

26585. Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-28 13:28:34 UTC
From: Chris
Topic: 26585 Message: 26585

Anyone heard of a problem with a power cycle/reset in the middle of transmitting? it's worse on 10M than other bands

26586. RE: [FT897] Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-28 13:33:10 UTC
From: Cliff Bryant
Topic: 26585 Message: 26586

The cause is very likely to be RF getting back into the radio or possibly the power supply doesn't have the ability to supply enough current.

Does it happen when transmitting into a dummy load?

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Chris
Sent: 28 June 2009 14:29
To: FT897@yahoogroups.com
Subject: [FT897] Power cycling on xmit

Anyone heard of a problem with a power cycle/reset in the middle of transmitting? it's worse on 10M than other bands

[Non-text portions of this message have been removed]

26587. Re: batteries

Yahoo group: FT897 (2009)
Date: 2009-06-28 13:40:23 UTC
From: tenorman1952
Topic: 17604 Message: 26587

--- In FT897@yahoogroups.com, Ron Bondy <aa0fk@...> wrote:
>
> Hi Kirk,
>
> How many AH was that battery?
>
> Thanks,
>
> Ron
>
> FYI- The other weekend I took mt FT-897D w/AT-897 and a mini buddiepole to the beach in Walton County, FL. I brought with me a fully charged, fairly new marine starting battery. I operated at full power (100W) for approx 6 hours. Made a moderate number of contacts. The voltmeter on the radio (rx) showed 12.7VDC when I started. When I finished the voltmeter showed 12.5VDC after 6 hours.
>
> That is my actual experience.. . no calculations, just operating and watching.

Yesterday for Field Day I operated at 100 w LSB on 40 meters. I used an RBC-6 pack, which is two 12 v 12 AH sealed lead acid ("gel cell") batteries in parallel for a total of 24 AH. I left a digital voltmeter connected to the battery terminals the the whole day. I powered up, and at the beginning, receive, measured 12.88 volts, with the voltage dropping to just under 12.8 volts on transmit. By mid afternoon, 12.8 volts recieve, around 12.7 volts transmit. When I shut it down about sundown 12.7 volts receive, 12.6 volts transmit.

All contacts were made with my radio. They were having problems with the other radio and antenna and never resolved the problem. Meanwhile various operators took turns making contacts and logging QSO's on mine, on batteries. Never connected any of my gear to the generator, though it was nice to power the fans and get the air moving a bit.

73
Paul
AE5JU

26588. Re: [FT897] Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-28 13:40:16 UTC
From: Randy Charles Ford
Topic: 26585 Message: 26588

These mostly appear to be RF getting back into the rig, or power supply problems. Most people appear to have been successful in eliminating the problem through normal RFI means, such as fixing problems with the antenna system, adding proper grounds, or adding chokes. Of course, RFI could be affecting the power supply itself, causing voltage to drop. Any wire into the rig, power supply, or connected equipment, including CAT or the mic, could be a path for problems.

73,
kg4jix - randy.

On Sunday 28 June 2009 08:28:34 Chris wrote:
> Anyone heard of a problem with a power cycle/reset in the middle of
> transmitting? it's worse on 10M than other bands

26589. RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-06-28 13:50:02 UTC
From: Ted Wrobel
Topic: 26460 Message: 26589

Hi Ron,

I'm not sure now what you mean when you use the term voltage regulator.

A voltage regulator (except for "boost regulators" - really not a regulator) run from a battery cannot put out a voltage higher than the source from the battery. Indeed, typical regulator designs require at least 1.5 volts more than the desire output, often more. The solution is to stop discharge at that point. A regulator will not help with this unless it provides a cut-off function for low input voltage (some do).

There are a couple of boost devices available that can provide voltages higher than the input with perhaps 90% efficiency. These must obviously draw more power than they put out so useable amp-hours will be reduced. The key advantage is their ability to keep the radio supply voltage at optimum levels with the tradeoff being less battery running time. MFJ has a unit and there is another but I forget the supplier name. If you google 'boost regulator' you will find them.

Further, you are correct about low voltages and battery damage - you do not want to discharge most lead acid batteries below 11.5 v.

If you see a voltage drop down to 11.6 volts I would be suspicious of the battery. Some questions to consider are:

1. At what point are you measuring voltage? If you are talking about the ft-897 screen display the voltage would be at the radio end of the supply wire.

2. Is the voltage you mention during transmit or at idle? During transmit you need to measure the voltage at the battery to know you are not simply seeing drop due to wire resistance. You can calculate the drop in the wire using ohms law. You will need to find wire resistance and current draw.

3. What voltage recovery do you see when you stop transmitting? It is normal for battery voltage to drop during high current draw but it will normally recover very quickly once the load is removed.

It sounds to me like you might have a failing battery. You might consider having it tested. At 40 watts even with 100% duty cycle (highly unlikely) the current draw will probably be around 10 amps. If you are seeing a drop of 1 volt after one half hour at 10 amps there is something wrong. Even a starting battery will perform better than that. Note that when batteries fail it is common to see drastically reduced capacity - the battery appears to charge to full voltage (12.7 ?) but cannot supply many amp hours of power.

I don't run PSK31, so my power consumption is likely around 2/3 lower per hour.

Hopes this helps a little.

Ted

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Ron Bondy
Sent: Monday, June 22, 2009 16:37
To: FT897@yahoogroups.com
Subject: Re: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Ted,

With regard to the voltage regulator, I was thinking that the voltage regulator would be necessary when the voltage drops on transmit.

My understanding is that deep cycle batteries can be damaged if the voltage drops below 10.5v, and you don't want the voltage to drop below 11.5v to avoid excessive calcium buildup.

For psk31, I'm seeing my voltage drop to 11.6v on transmit using a fully charged 100AmpHr after say 1/2 hr of psk31 operation where I've cut back the transmit power to 40watts.

Do you run psk31 from a battery using the 897, and if so how many amp-hours of battery capacity do you use?

Thanks,

Ron

From: Ted Wrobel <twrobel@tacticaltec <mailto:twrobel%40tacticaltech.com> h.com>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Monday, June 22, 2009 11:22:02 AM
Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Ron,

Shouldn't be any reason for the BATTERY voltage to exceed the limit - just not possible.

However, if your charger were to put out excessive voltage it could damage the rig. It would also likely fry the battery if left high for very long.

So the control issue if the charger circuit. The charger should limit voltages to what is appropriate to the battery.

There should be no upward swing on transmit but there is likely to be a voltage drop unless you use very large, short power leads..

There are some issues with charging a bettery from a typical ham power supply that involve damage to the supply when power fails but the battery reamins connected.

One simple solution is to use a computer UPS unit to charge the battery - float voltage will be OK for many marine batteries.

73
Ted
W1GRI

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of aa0fk
Sent: Saturday, June 20, 2009 10:11
To: FT897@yahoogroups. com
Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Bob, kc3vo,

I'm interested in learning more about batteries, and am currently setting up to also run from a deep cycle marine battery. One thing that surprises me is that you don't see much mention of using a voltage regulator. There are products out there that shut the battery off if the voltage goes outside the range 11.5 to 15v in order to protect your equipment.

Without a voltage regulator, I'm concerned that my other equipment (ie tnc) will experience voltage swings during transmit.

Is it common to use a voltage regulator when operating a ham station using batteries? Do you recommend it?

Thanks,

Ron, KD0HNE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26590. Re: [FT897] Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-28 18:48:20 UTC
From: Tom Wilson
Topic: 26585 Message: 26590

For me, 10m and 20m are "problem" bands. They seem to be worst in terms of RFI.

Check some things: remove all external connections and run from a battery. Still have trouble? Does the problem happen on low power?

How big is your power supply? Plug a voltmeter directly to the supply when transmitting and see if the power supply is maybe overloading. I have had more than one PSU that stopped providing full power but still gave me 13.8 volts with no load. Soft failures like that are hard to spot and require you check all the variables.

As others have suggested, you may also want to try a dummy load. This is where it helps to belong to a club. Someone will have a dummy load and a spare power supply you can test with.

Sent from my iPhone

On Jun 28, 2009, at 6:28 AM, "Chris" <yote127@...> wrote:

>
>
> Anyone heard of a problem with a power cycle/reset in the middle of
> transmitting? it's worse on 10M than other bands
>
>

[Non-text portions of this message have been removed]

26591. Re: Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-28 19:50:10 UTC
From: Bram
Topic: 26585 Message: 26591

Hello group

i had a quite similair problem the other day at 100w on 80m the rig seems to reset itself switched off for a second or so

the problem turned out to be the the negative lead of the power supply cable wich was having a bad contact

bram pe2ek

--- In FT897@yahoogroups.com, "Chris" <yote127@...> wrote:
>
> Anyone heard of a problem with a power cycle/reset in the middle of transmitting? it's worse on 10M than other bands
>

26592. Great Field Day ending w/o a bill for $100

Yahoo group: FT897 (2009)
Date: 2009-06-28 21:24:27 UTC
From: k5btk
Topic: 26592 Message: 26592

As many of you may be aware, the CW keying circuits of the FT-897 and FT-897D are easily damaged by strong RF fields as exist when operating near a portable antenna. For those not familiar with the problem, a search of the FT-897 Newsgroup archives will reveal that multiple owners have had to return the radio to Yaesu for a $100.00 repair after operating in strong RF fields. On two separate Field Day outings my FT-897 experienced this failure. After the second failure I upgraded to an FT-897D. Thinking that the problem had probably been addressed in this model, I once again went to Field Day ... and killed the keying circuit. This made three times! In the first case, I was using a Maldol (20m) whip mounted directly to the coax connector on the radio rear-panel. In the other two cases, I was operating at a transmission line length of 25 feet from a Buddipole dipole approximately 15 feet above ground. The distance from the radio to the nearest point of the radiating element (depending on dipole orientation) was probably between 5 and 20 feet. Following the third trip back to Yaesu, the technician sent a ferrite choke to be placed on the keying lead at the male plug. But he suggested (tongue-in-cheek) that the only way to be SURE the problem wouldn't recur was to stop operating CW!

Anyway, what prompted this posting is that I HAVE JUST FINISHED FIELD DAY 2009 WITHOUT MISADVENTURE!!! I was using the Buddipole up 15 feet with its 25-foot long transmission line as I had in the previous two failures. But I ADDED 50 ADDITIONAL FEET of transmission line to get me 50 feet further away from the radiator. (I used the ferrite choke as well). Operation was on both 40m and 20m. I'm sure that people differ in their opinions as to what constitutes a successful Field Day. But for me, it was a day of fun operating CW outdoors making essentially effortless contacts and NOT ENDING WITH A FRIED RADIO.

In conclusion, if operating CW with the FT-897(D) - stay away from the antenna.

...Don (K5BTK)

26593. RE: [FT897] Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-28 22:24:12 UTC
From: D. F.
Topic: 26565 Message: 26593

Just because you get a noise without antennas connected, does NOT mean it is internal. Check closely around the house, and yes, even your neighbors. Is there anything new or does anyone have sone type of electrical device that may be causing it? It will most likely be something small such as patio lights, a touch lamp or something along those lines. I developed a similar problem where I used to live that popped up around thanks giving and went away about 2 weeks after New Years. Obviously a Christmas decoration of some type, but I never found it. Drove me nuts. Every band was wiped out including 2m/440.

Check again before tearing into that radio.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of morseham
Sent: Saturday, June 27, 2009 13:28
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT-897D Cracklin Receive Audio on FM

ALL,

This problem occurs on ALL bands WITHOUT either antenna connected. It is most noticeable in the AM mode. It is not there when the receiver is in FM and the CTCSS/DCS decoder is active. It is there in the SSB modes but hard to hear. It is constant and sounds like a constant static crash of constant amplitude. It is causing the S-meter to respond to about 50% of full scale indicating a probable location in the IF area. Remember it is HF through UHF so the Antenna switches and RF front ends are not the cause. It is somewhere in the common area of the receiver(s).

Paul N6XS/AAR9BJ
Fontana CA

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "morseham" <morseham@...> wrote:
>
> Hi Steve,
>
> This problem is INTERNAL. It is not an over-the-air issue. I only wish that it was that simple.
>
> However, it is of major interest on the two meter band. I am attempting to see if it shows up on 440 or others. This Field Day weekend will be having lots of signals on all of the bands and give me a chance to find out. Although, since the problem is internal, it would

seem to follow that it would show up on all bands.. It just showed up when I was on a MARS VHF frequency. (It is not on the MARS equipment as verified with other equipment in my station).
>
>
> 73,
>
> Paul, N6XS
> Fontana CA
> USA
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Steve Yates" <aa5tb@> wrote:
> >
> > Hi Paul,
> >
> > Does this occur on all bands? The reason I ask is that here in Texas the military EPLRS causes a similiar interference on 70cm that many folks mistaken for natural QRN.
> >
> > 73,
> > Steve - AA5TB
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "morseham" <morseham@> wrote:
> > >
> > > Recently my fairly new (under 2 years) 897D has developed a crackle in the receive audio on FM (5.0 kHz). The problem is intermittent and un-nerving. It occurs with and without an external speaker. The speaker jack has been inspected and bypassed. The problem persists. It also occurs whether the receiver is squelched or un-squelched. This is not the crackle that is heard on a weak FM signal. This is definately internal to the 897D. I have not noticed it on other modes (admittedly, I normally do not squelch non-FM modes). It is also noticeable when the CTCSS decoder is ON and there is no signal.
> > >
> > > Paul N6XS
> > > Fontana CA
> > >
> >
>

[Non-text portions of this message have been removed]

26594. Re: FT-897 N3FJP SOFTWARE

Yahoo group: FT897 (2009)
Date: 2009-06-28 23:10:05 UTC
From: Steve Yates
Topic: 26579 Message: 26594

Hi Ed,

I'm using a generic serial to USB adapter that I bought at BestBuy and it works fine with my FT-897D. I'm also using Micorsoft Vista, N3FJP's logging software, and occassionally Ham Radio Deluxe.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "w4nsc" <epadgett@...> wrote:
>
> HELLO ALL AM TRYING TO USE THE RIG CONTROL IN THE SOFTWARE WITH MY FT-897.
> AM USING A SERIAL TO USB ADAPTER FOR MY COMPUTER IT LOOKS LIKE IT SEES THE RADIO BUT NO DATA BEING SEEN.
> HAS ANYONE TRYED THIS AND HAVING THE SAME TROUBLE AND IS THEIR A FIX?
> ED W4NSC
>

26595. Re: FT-897 and N3fjp AC Log Software

Yahoo group: FT897 (2009)
Date: 2009-06-28 23:19:18 UTC
From: Steve Yates
Topic: 26581 Message: 26595

Ed,

With N3FJP's software I just use the default settings for Yaesu. Make sure that the Baud Rate matches what is selected on the FT-897's CAT RATE, menu No. 019. Also, you may have to experiment to find the port that you are using. Here are my settings:

Select Rig: Yaesu
Use Frequency: [check]
Comm Port: 6
Baud Rate (k): 38.4
Parity: None
Data Bits: 8
Stop Bits: 2
Connection Power: RTS
Radio Polling Rate: 100 ms
Mode by: Rig
Convert from Hex: [check]

Some of these settings are just personal preference but I hope they help you. Also, I have found the hard way that the pins on the DIN connector for the CAT jack bend very easily so be sure and check them to make sure that they are straight.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "w4nsc" <epadgett@...> wrote:
>
> i am using the N3FJP logging software and i have been trying to get my rig and the software rig control to work.
> has anyone had this problem or has gotten the software to work
> thanks.
> 73
> Ed W4NSC
>

26596. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-28 23:22:12 UTC
From: Steve Yates
Topic: 26362 Message: 26596

Changing the CAT Rate to 38400 didn't help the radio muting while changing frequencies with my HRD. Darn it!

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Aristotle Zoulas <jrzoulas@...> wrote:
>
> did not know I had to do that. When it worked, I looked no further, thanks. KC2GBS
>
> --- On Mon, 6/22/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:
>
>
> From: Larry D. Barr, K5WLF <k5wlf@...>
> Subject: Re: [FT897] Anyone use this radio with HRD
> To: FT897@yahoogroups.com
> Date: Monday, June 22, 2009, 11:32 PM
>
>
>
>
>
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>
>
>
>
> Obvious question, Ari, but did you set the radio to 38400bps in Menu
> 019, "CAT RATE"?
>
> 73,
> ldb
> K5WLF

26597. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-28 23:47:27 UTC
From: Darren S
Topic: 26362 Message: 26597

How's your handshaking setup?

From: Steve Yates <aa5tb@...>
To: FT897@yahoogroups.com
Sent: Monday, 29 June, 2009 0:22:12
Subject: [FT897] Re: Anyone use this radio with HRD

Changing the CAT Rate to 38400 didn't help the radio muting while changing frequencies with my HRD. Darn it!

73,
Steve - AA5TB

--- In FT897@yahoogroups. com, Aristotle Zoulas <jrzoulas@.. .> wrote:
>
> did not know I had to do that. When it worked, I looked no further, thanks. KC2GBS
>
> --- On Mon, 6/22/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:
>
>
> From: Larry D. Barr, K5WLF <k5wlf@...>
> Subject: Re: [FT897] Anyone use this radio with HRD
> To: FT897@yahoogroups. com
> Date: Monday, June 22, 2009, 11:32 PM
>
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>
> Obvious question, Ari, but did you set the radio to 38400bps in Menu
> 019, "CAT RATE"?
>
> 73,
> ldb
> K5WLF

[Non-text portions of this message have been removed]

26598. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-29 03:25:42 UTC
From: Thomas Wilson
Topic: 26362 Message: 26598

Nothing helps it. The problem is that when you send the frequency change CAT command, the radio mutes. This has been discussed ad-nauseam on the HRD forums. It has nothing to do with data rates or anything else; it's got everything to do with the fact that this radio has lousy not well thought out CAT support.

On Sun, Jun 28, 2009 at 4:47 PM, Darren S <Darrenls21@...> wrote:

>
>
> How's your handshaking setup?
>
> _____
> From: Steve Yates <aa5tb@... <aa5tb%40yahoo.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Monday, 29 June, 2009 0:22:12
> Subject: [FT897] Re: Anyone use this radio with HRD
>
>
> Changing the CAT Rate to 38400 didn't help the radio muting while changing
> frequencies with my HRD. Darn it!
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups. com, Aristotle Zoulas <jrzoulas@.. .> wrote:
> >
> > did not know I had to do that. When it worked, I looked no further,
> thanks. KC2GBS
> >
> > --- On Mon, 6/22/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:
> >
> >
> > From: Larry D. Barr, K5WLF <k5wlf@...>
> > Subject: Re: [FT897] Anyone use this radio with HRD
> > To: FT897@yahoogroups. com
> > Date: Monday, June 22, 2009, 11:32 PM
> >
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> >

> > Obvious question, Ari, but did you set the radio to 38400bps in Menu
> > 019, "CAT RATE"?
> >
> > 73,
> > ldb
> > K5WLF
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26599. Re: FT-897D Crackling Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-29 03:27:32 UTC
From: morseham
Topic: 26565 Message: 26599

Thanks for the input Dennis,

The problem is definately internal. I have other equipment in the shack that does not suffer from this problem. There is no new electrical equipment in my house.

I have completely disassembled the unit and tightened all of the ground/pcb mounting screws on both boards. Actually three boards. I also took the control unit apart and tightened all of those screws.

I also performed a tap test and removed the Collins filters. The problem still exists and is somewhere before the volume control. The tap test did not reveal anything remarkable. There was no change in the intensity of the noise. It does, however, change in pulse rate and intensity on its own. Its sound is not unlike that of a lightning crash. (No lightning within hundreds of miles).

Another quieting issue is that I live inside a Faraday shield environment (a mobile home with aluminum siding). It is electrically very quiet inside.

Paul N6XS
Fontana CA

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Just because you get a noise without antennas connected, does NOT mean
> it is internal. Check closely around the house, and yes, even your
> neighbors. Is there anything new or does anyone have sone type of
> electrical device that may be causing it? It will most likely be
> something small such as patio lights, a touch lamp or something along
> those lines. I developed a similar problem where I used to live that
> popped up around thanks giving and went away about 2 weeks after New
> Years. Obviously a Christmas decoration of some type, but I never found
> it. Drove me nuts. Every band was wiped out including 2m/440.
>
> Check again before tearing into that radio.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> morseham
> Sent: Saturday, June 27, 2009 13:28
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: FT-897D Cracklin Receive Audio on FM
>
>
>

>
>
> ALL,
>
> This problem occurs on ALL bands WITHOUT either antenna connected. It is
> most noticeable in the AM mode. It is not there when the receiver is in
> FM and the CTCSS/DCS decoder is active. It is there in the SSB modes but
> hard to hear. It is constant and sounds like a constant static crash of
> constant amplitude. It is causing the S-meter to respond to about 50% of
> full scale indicating a probable location in the IF area. Remember it is
> HF through UHF so the Antenna switches and RF front ends are not the
> cause. It is somewhere in the common area of the receiver(s).
>
> Paul N6XS/AAR9BJ
> Fontana CA
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
> "morseham" <morseham@> wrote:
> >
> > Hi Steve,
> >
> > This problem is INTERNAL. It is not an over-the-air issue. I only wish
> that it was that simple.
> >
> > However, it is of major interest on the two meter band. I am
> attempting to see if it shows up on 440 or others. This Field Day
> weekend will be having lots of signals on all of the bands and give me a
> chance to find out. Although, since the problem is internal, it would
> seem to follow that it would show up on all bands.. It just showed up
> when I was on a MARS VHF frequency. (It is not on the MARS equipment as
> verified with other equipment in my station).
> >
> >
> > 73,
> >
> > Paul, N6XS
> > Fontana CA
> > USA
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Steve
> Yates" <aa5tb@> wrote:
> > >
> > > Hi Paul,
> > >
> > > Does this occur on all bands? The reason I ask is that here in Texas
> the military EPLRS causes a similiar interference on 70cm that many
> folks mistaken for natural QRN.
> > >
> > > 73,
> > > Steve - AA5TB

> > >
> > > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
> "morseham" <morseham@> wrote:
> > > >
> > > > Recently my fairly new (under 2 years) 897D has developed a
> crackle in the receive audio on FM (5.0 kHz). The problem is
> intermittent and un-nerving. It occurs with and without an external
> speaker. The speaker jack has been inspected and bypassed. The problem
> persists. It also occurs whether the receiver is squelched or
> un-squelched. This is not the crackle that is heard on a weak FM signal.
> This is definately internal to the 897D. I have not noticed it on other
> modes (admittedly, I normally do not squelch non-FM modes). It is also
> noticeable when the CTCSS decoder is ON and there is no signal.
> > > >
> > > > Paul N6XS
> > > > Fontana CA
> > > >
> > >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

26600. RE: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

Yahoo group: FT897 (2009)
Date: 2009-06-29 03:50:02 UTC
From: Michael Walker (VA3MW)
Topic: 25902 Message: 26600

No

FT897 has been discussed at infinitum throughout this forum. Just about every week. Just look back in the archives.

Mike VA3MW

From: w4nsc [mailto:epadgett@...]
Sent: Monday, June 22, 2009 1:50 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: TRANCEIVER WILL NOT DRIVE CLOSE TO 100WATTS ON SSB.

I HAD SWITCHED TO AM AND FM WHILE TUNING AND ONLY GOT 80 WATTS OUT IS THEIR A PROBLEM

[Non-text portions of this message have been removed]

26601. RE: [FT897] Re: FT-897D Crackling Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-06-29 04:24:41 UTC
From: D. F.
Topic: 26565 Message: 26601

I also lived in a mobile home and they are in NO WAY a faraday shield by any means, mind you the interference did NOT originate from my home. Had to be one of the neighbors somewhere in the area but could never find it. And, same as you, it changed in pitch, speed, intensity, etc. on its own. Also, no other equipment was affected. By the way, this was my 857, I don't have an 897, but since both radios are almost identical I subscribe here for information. Not much chatter on 857 group. So, again as I stated, you need to make DARN sure that it is not something else. I'll bet someone in the area recently bought some new piece of electronics that is giving you grief! Touch lamps are NOTORIOUS for causing harmful interference!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of morseham
Sent: Sunday, June 28, 2009 22:28
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT-897D Crackling Receive Audio on FM

Thanks for the input Dennis,

The problem is definately internal. I have other equipment in the shack that does not suffer from this problem. There is no new electrical equipment in my house.

I have completely disassembled the unit and tightened all of the ground/pcb mounting screws on both boards. Actually three boards. I also took the control unit apart and tightened all of those screws.

I also performed a tap test and removed the Collins filters. The problem still exists and is somewhere before the volume control. The tap test did not reveal anything remarkable. There was no change in the intensity of the noise. It does, however, change in pulse rate and intensity on its own. Its sound is not unlike that of a lightning crash. (No lightning within hundreds of miles).

Another quieting issue is that I live inside a Faraday shield environment (a mobile home with aluminum siding). It is electrically very quiet inside.

Paul N6XS
Fontana CA

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D. F." <n8bmb1@...> wrote:

>
> Just because you get a noise without antennas connected, does NOT mean
> it is internal. Check closely around the house, and yes, even your
> neighbors. Is there anything new or does anyone have sone type of
> electrical device that may be causing it? It will most likely be
> something small such as patio lights, a touch lamp or something along
> those lines. I developed a similar problem where I used to live that
> popped up around thanks giving and went away about 2 weeks after New
> Years. Obviously a Christmas decoration of some type, but I never
found
> it. Drove me nuts. Every band was wiped out including 2m/440.
>
> Check again before tearing into that radio.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On
Behalf Of
> morseham
> Sent: Saturday, June 27, 2009 13:28
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] Re: FT-897D Cracklin Receive Audio on FM
>
>
>
>
>
> ALL,
>
> This problem occurs on ALL bands WITHOUT either antenna connected. It
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> most noticeable in the AM mode. It is not there when the receiver is
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> FM and the CTCSS/DCS decoder is active. It is there in the SSB modes
but
> hard to hear. It is constant and sounds like a constant static crash
of
> constant amplitude. It is causing the S-meter to respond to about 50%
of
> full scale indicating a probable location in the IF area. Remember it
is
> HF through UHF so the Antenna switches and RF front ends are not the
> cause. It is somewhere in the common area of the receiver(s).
>
> Paul N6XS/AAR9BJ
> Fontana CA
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,

> "morseham" <morseham@> wrote:
> >
> > Hi Steve,
> >
> > This problem is INTERNAL. It is not an over-the-air issue. I only
wish
> that it was that simple.
> >
> > However, it is of major interest on the two meter band. I am
> attempting to see if it shows up on 440 or others. This Field Day
> weekend will be having lots of signals on all of the bands and give me
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> chance to find out. Although, since the problem is internal, it would
> seem to follow that it would show up on all bands.. It just showed up
> when I was on a MARS VHF frequency. (It is not on the MARS equipment
as
> verified with other equipment in my station).
> >
> >
> > 73,
> >
> > Paul, N6XS
> > Fontana CA
> > USA
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
"Steve
> Yates" <aa5tb@> wrote:
> > >
> > > Hi Paul,
> > >
> > > Does this occur on all bands? The reason I ask is that here in
Texas
> the military EPLRS causes a similiar interference on 70cm that many
> folks mistaken for natural QRN.
> > >
> > > 73,
> > > Steve - AA5TB
> > >
> > > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
> "morseham" <morseham@> wrote:
> > > >
> > > > Recently my fairly new (under 2 years) 897D has developed a
> crackle in the receive audio on FM (5.0 kHz). The problem is
> intermittent and un-nerving. It occurs with and without an external
> speaker. The speaker jack has been inspected and bypassed. The problem
> persists. It also occurs whether the receiver is squelched or
> un-squelched. This is not the crackle that is heard on a weak FM
signal.
> This is definately internal to the 897D. I have not noticed it on

other
> modes (admittedly, I normally do not squelch non-FM modes). It is also
> noticeable when the CTCSS decoder is ON and there is no signal.
> > > >
> > > > Paul N6XS
> > > > Fontana CA
> > > >
> > >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26602. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-29 08:48:23 UTC
From: Darren S
Topic: 26362 Message: 26602

have you tried a different cat lead? mine doesn't mute on cat control.

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Monday, 29 June, 2009 4:25:42
Subject: Re: [FT897] Re: Anyone use this radio with HRD

Nothing helps it. The problem is that when you send the frequency change CAT command, the radio mutes. This has been discussed ad-nauseam on the HRD forums. It has nothing to do with data rates or anything else; it's got everything to do with the fact that this radio has lousy not well thought out CAT support.

On Sun, Jun 28, 2009 at 4:47 PM, Darren S <Darrenls21@yahoo. com> wrote:

>
>
> How's your handshaking setup?
>
> ---------- --------- --------- --
> From: Steve Yates <aa5tb@yahoo. com <aa5tb%40yahoo. com>>
> To: FT897@yahoogroups. com <FT897%40yahoogroup s.com>
> Sent: Monday, 29 June, 2009 0:22:12
> Subject: [FT897] Re: Anyone use this radio with HRD
>
>
> Changing the CAT Rate to 38400 didn't help the radio muting while changing
> frequencies with my HRD. Darn it!
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups. com, Aristotle Zoulas <jrzoulas@.. .> wrote:
> >
> > did not know I had to do that. When it worked, I looked no further,
> thanks. KC2GBS
> >
> > --- On Mon, 6/22/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:
> >
> >
> > From: Larry D. Barr, K5WLF <k5wlf@...>
> > Subject: Re: [FT897] Anyone use this radio with HRD
> > To: FT897@yahoogroups. com
> > Date: Monday, June 22, 2009, 11:32 PM
> >

> >
> >
> >
> >
> >
> >
> >
> > Obvious question, Ari, but did you set the radio to 38400bps in Menu
> > 019, "CAT RATE"?
> >
> > 73,
> > ldb
> > K5WLF
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26603. Great Field Day ending w/o a bill for $100

Yahoo group: FT897 (2009)
Date: 2009-06-29 12:17:08 UTC
From: k5btk
Topic: 26592 Message: 26603

W1IVB posted...
<MOST, MOST interesting. Thank you for the posting. Fast question - do you have any knowledge about the details of that ferrite choke? Any info would be appreciated Frank (W1IVB)>

No info at all, Frank. Except that it is of the type which separate into two halves for easy clipping over the conductor and then snap back together. The length of the choke is 1.25" and the diameter is about 5/8". It probably helped - but I think the extra distance from the antenna was crucial.

Happy 4th! ...Don (K5BTK)

26604. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-29 13:25:39 UTC
From: Steve Yates
Topic: 26362 Message: 26604

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
> How's your handshaking setup?
>
I even tried fist shaking and it still didn't help ;-)

73,
Steve - AA5TB

26605. Re: Power cycling on xmit

Yahoo group: FT897 (2009)
Date: 2009-06-29 13:27:26 UTC
From: Chris
Topic: 26585 Message: 26605

--- In FT897@yahoogroups.com, "Bram" <peek0101@...> wrote:
>
> Hello group
>
> i had a quite similair problem the other day at 100w on 80m the rig seems to reset itself switched off for a second or so
>
> the problem turned out to be the the negative lead of the power supply cable wich was having a bad contact
>
> bram pe2ek
>
> --- In FT897@yahoogroups.com, "Chris" <yote127@> wrote:
> >
> > Anyone heard of a problem with a power cycle/reset in the middle of transmitting? it's worse on 10M than other bands
> >
>
thanks for the responses

does it on internal PS and on Astron 35A PS, have not tried into dummyload, i'll do that next

but no VSWR warnings i tune the G5RV down to 1.5:1 or better typically
measured on a 259B

rig, tuner, etc are all grounded, but i will go through all that AGAIN just to be sure

26606. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-29 13:47:43 UTC
From: Darren S
Topic: 26362 Message: 26606

I'm told that hitting it with a lump hammer helps you feel better. It doesn't help the radio but it helps you feel better... :)

From: Steve Yates <aa5tb@...>
To: FT897@yahoogroups.com
Sent: Monday, 29 June, 2009 14:25:39
Subject: [FT897] Re: Anyone use this radio with HRD

--- In FT897@yahoogroups. com, Darren S <Darrenls21@ ...> wrote:
>
> How's your handshaking setup?
>
I even tried fist shaking and it still didn't help ;-)

73,
Steve - AA5TB

[Non-text portions of this message have been removed]

26607. Re: [FT897] Great Field Day ending w/o a bill for $100

Yahoo group: FT897 (2009)
Date: 2009-06-29 14:57:45 UTC
From: Tom Wilson
Topic: 26592 Message: 26607

Wait.. You're saying that using a PORTABLE radio in a portable
situation can burn out the CW keyer?

Wow.

Sent from my iPhone

On Jun 29, 2009, at 5:17 AM, "k5btk" <k5btk@...> wrote:

>
>
> W1IVB posted...
> <MOST, MOST interesting. Thank you for the posting. Fast question -
> do you have any knowledge about the details of that ferrite choke?
> Any info would be appreciated Frank (W1IVB)>
>
> No info at all, Frank. Except that it is of the type which separate
> into two halves for easy clipping over the conductor and then snap
> back together. The length of the choke is 1.25" and the diameter is
> about 5/8". It probably helped - but I think the extra distance from
> the antenna was crucial.
>
> Happy 4th! ...Don (K5BTK)
>
>

[Non-text portions of this message have been removed]

26608. Re: [FT897] Great Field Day ending w/o a bill for $100

Yahoo group: FT897 (2009)
Date: 2009-06-29 15:16:35 UTC
From: Richard Corfield
Topic: 26592 Message: 26608

I've not managed to blow mine up yet, even though I have a dipole end quite close to the station location. Bad for noise I know, but the limitation of a small garden.
I only run at low power though - 5 or 10 Watt normally, 20W once. My key to radio connection is with some spare RG58, so shielded as suggested somewhere, I think in the instructions for my first kit radio. They key has lots of unshielded metalwork though. Still, if adding a clip-on ferrite to the cable end is a good idea then it's a cheap enough thing to do. I could do it for my CAT and DATA cables too.

- Richard (M0RJC)

2009/6/29 Tom Wilson <wilsontp@...>

>
>
> Wait.. You're saying that using a PORTABLE radio in a portable
> situation can burn out the CW keyer?
>
> Wow.
>
> Sent from my iPhone
>
>
> On Jun 29, 2009, at 5:17 AM, "k5btk" <k5btk@... <k5btk%40arrl.net>>
> wrote:
>
> >
> >
> > W1IVB posted...
> > <MOST, MOST interesting. Thank you for the posting. Fast question -
> > do you have any knowledge about the details of that ferrite choke?
> > Any info would be appreciated Frank (W1IVB)>
> >
> > No info at all, Frank. Except that it is of the type which separate
> > into two halves for easy clipping over the conductor and then snap
> > back together. The length of the choke is 1.25" and the diameter is
> > about 5/8". It probably helped - but I think the extra distance from
> > the antenna was crucial.
> >
> > Happy 4th! ...Don (K5BTK)
> >
> >
>
> [Non-text portions of this message have been removed]
>

>
>

[Non-text portions of this message have been removed]

26609. Repair of FT857

Yahoo group: FT897 (2009)
Date: 2009-06-29 20:28:23 UTC
From: haroldsteager
Topic: 26609 Message: 26609

You may say what ever about the Vertex people, but will never change my though of these great piople!
Having on the 10/06/09 talked vi phone that my unite FT857 was not brakeing the squlsh was informed to send it to ham repair, and now 29/06/09 the big brown truck backed in to my drive and handed me a much wanted box.
After getting all the paper stuffing out and my grubby fingers on the little black box was quite amaized that what all was listed on the repair sheet as
1 diode 0.30
Pa unit 418.30
2 diode 1.00
AM Pa labor 3 hours
Total cost to customer $00.00

Not even cost of return shipping
SO BEAT THAT WITH A STICK
Would say a big thanks to all the people at the vertex repair
Glenn K3HFR
PS yes I know that the FT857 room is down the hall but still ????

26610. Ferrite Beads for Field Day Coax

Yahoo group: FT897 (2009)
Date: 2009-06-30 13:26:37 UTC
From: tenorman1952
Topic: 26592 Message: 26610

--- In FT897@yahoogroups.com, "k5btk" <k5btk@...> wrote:
>
> W1IVB posted...
> <MOST, MOST interesting. Thank you for the posting. Fast question - do you have any knowledge about the details of that ferrite choke? Any info would be appreciated Frank (W1IVB)>
>
> No info at all, Frank. Except that it is of the type which separate into two halves for easy clipping over the conductor and then snap back together. The length of the choke is 1.25" and the diameter is about 5/8". It probably helped - but I think the extra distance from the antenna was crucial.
>
> Happy 4th! ...Don (K5BTK)
>

The chokes I use are the snap-on Ferrite Beads from Palomar Engineers.

http://www.palomar-engineers.com/

They are the FSB-1/4 (for RG-8X, aka "Mini-8"), and there are other sizes for other coax. These beads are snapped on as close to the feedpoint as possible. Mine are on the antenna end of the coax right up against the PL-259 plug.

Talking with the fellow at Palomar, for 2 meters one bead is adequate. For operation down to 80 meters, 5 beads are needed. For 160 meters, 10 beads.

Scroll down on this page to "Split Beads".

http://www.palomar-engineers.com/Ferrite_Beads/ferrite_beads.html

These are good if your coax already has plugs installed. If you are making up the cable, or have to change the plugs anyway, you can use one of these kits:

http://www.palomar-engineers.com/1_1_Balun_Kits/1_1_balun_kits.html

To keep the snap-on ferrite beads in place I slipped a band of heat shrink tubing over each one to make sure they stays snapped closed.

This is all much smaller than coiled coax ("choke balun") which also uses up about 20 feet of your coax and would have to be wound on a large bulky piece of pvc pipe. With the ferrite beads, and nice flexible (stranded inner conductor) Mini-8 it rolls up nicely in my kit.

Paul
AE5JU

26611. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-30 13:48:03 UTC
From: Bill Barron
Topic: 26362 Message: 26611

Can't replicate your problem here.
No mute or loss of sound while using HRD to change frequency.

Do you have FT 897 Menu 85 OFF, Menu 20 at CAT, and Menu 19
at 9600 bps? (this is the default speed for most PC serial ports
and avoids annoying CAT 'hmm' on the 897)

My Equipment: FT-897 (year 2002 non-D), XP laptop,
Cat via AT-897 tuner box, 9600 baud

Bill W1WAB

--- In FT897@yahoogroups.com, Aristotle Zoulas <jrzoulas@...> wrote:
>
>
> Hello, I am having a problem where when I move the slider on Ham Radio Deluxe, there is a momentary mute of the sound (about 1/100 of one second). Its enough to be a problem as I cannot continuously change the frequency to tune in a station. Works fine from the radio. I posted a similar question on the HRD group and a few people said it was a common problem with the FT-857/897. Some people said they had to sell their radio because of this problem as they liked the program so much.
> Any Help, thanks
>
> Aristotle Zoulas, Warwick, NY.
>

26612. Field Day antenna

Yahoo group: FT897 (2009)
Date: 2009-06-30 13:58:06 UTC
From: tenorman1952
Topic: 26612 Message: 26612

We were not very successful with the commercially made folded loop stretched from one tree (in the park) to the flagpole, and over to another tree.

On the otherhand, we made all contacts with my radio and portable antenna. Yes, it is a homebrew version (on steroids) of the Buddipole, just somewhat higher and a bit tougher.

It can be found here in Files > AE5JU folder.

or at Hamuniverse.com

http://www.hamuniverse.com/AE5JUHomebrewBuddipoleVariant.pdf

This is a pdf file (right click and "Save Target As") with photos and links to all the components.

The photo near the end is taken in the same city park, and near the same location as our setup for Field Day this past weekend.

Paul
AE5JU

26613. RE: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-06-30 15:35:15 UTC
From: Michael Walker (VA3MW)
Topic: 26362 Message: 26613

Is the muting that radio going into transmit?

Mike VA3MW

From: Bill Barron [mailto:wabarron@...]
Sent: Tuesday, June 30, 2009 9:48 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Anyone use this radio with HRD

Can't replicate your problem here.
No mute or loss of sound while using HRD to change frequency.

Do you have FT 897 Menu 85 OFF, Menu 20 at CAT, and Menu 19
at 9600 bps? (this is the default speed for most PC serial ports
and avoids annoying CAT 'hmm' on the 897)

My Equipment: FT-897 (year 2002 non-D), XP laptop,
Cat via AT-897 tuner box, 9600 baud

Bill W1WAB

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , Aristotle
Zoulas <jrzoulas@...> wrote:
>
>
> Hello, I am having a problem where when I move the slider on Ham Radio
Deluxe, there is a momentary mute of the sound (about 1/100 of one second).
Its enough to be a problem as I cannot continuously change the frequency to
tune in a station. Works fine from the radio. I posted a similar question on
the HRD group and a few people said it was a common problem with the
FT-857/897. Some people said they had to sell their radio because of this
problem as they liked the program so much.
> Any Help, thanks
>
> Aristotle Zoulas, Warwick, NY.
>

[Non-text portions of this message have been removed]

26614. Re: Loss of Power on VHF/UHF

Yahoo group: FT897 (2009)
Date: 2009-06-30 19:05:05 UTC
From: computererds
Topic: 20952 Message: 26614

Did you ever find the answer to this problem? I am wondering because I have the same problem now.

--Ryan, w8cya

--- In FT897@yahoogroups.com, "kq4na" <kq4na@...> wrote:
>
> Hope you guy can help. I was using the radio on 2 meters yesterday and
> noticed that he power dropped from 50 watts to nearly nothing. Also no
> ALC (SSB). Most output I get is 20 watts and have reports of
> distortion. SWR is fine. Checked and re-checked. Output on HF
> (6-160)is fine. Just on VHF/UHF. Any ideas? Finals, driver? Thanks for
> your help. Jim
>

26615. RE: [FT897] Field Day antenna

Yahoo group: FT897 (2009)
Date: 2009-07-01 06:54:26 UTC
From: Eric van de Weyer
Topic: 26612 Message: 26615

HI Paul,

Firstly, a nicely put together description of the whole process of building the antenna and looks like you will have many happy hours with it.

You comment in the text about the fact that the two sides need to be different lengths to get the SWR right down.

I suggest that it could quite possibly be because the aluminium angle bracket is connected to the black end of the antenna so it becomes part of the antenna thus increasing the overall length of the black end with respect to the red end by about half of the bracket length. You are, in effect, moving the physical centre of the antenna to the red end of the bracket, instead of being in the middle of it.

I believe that if you were to insulate the connector from the bracket, you would probably find that the results would be much closer to being the same length on each side.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of tenorman1952
Sent: Tuesday, 30 June 2009 23:58
To: FT897@yahoogroups.com
Subject: [FT897] Field Day antenna

We were not very successful with the commercially made folded loop stretched from one tree (in the park) to the flagpole, and over to another tree.

On the otherhand, we made all contacts with my radio and portable antenna. Yes, it is a homebrew version (on steroids) of the Buddipole, just somewhat higher and a bit tougher.

It can be found here in Files > AE5JU folder.

or at Hamuniverse.com

http://www.hamuniverse.com/AE5JUHomebrewBuddipoleVariant.pdf

This is a pdf file (right click and "Save Target As") with photos and links to all the components.

The photo near the end is taken in the same city park, and near the same location as our setup for Field Day this past weekend.

Paul
AE5JU

Yahoo! Groups Links

26616. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-07-01 07:24:42 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 26616

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

26617. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-07-01 13:59:46 UTC
From: wa0lhb_john
Topic: 26362 Message: 26617

--- In FT897@yahoogroups.com, "Bill Barron" <wabarron@...> wrote:
>
> Can't replicate your problem here.
> No mute or loss of sound while using HRD to change frequency.
>

Hi,
I have the same problem on my 897D. Found out from this group and looking at the HRD forum that the problem is when HRD sends a frequency change it sends the whole frequency value. When this happens the 897D will mute for a few milliseconds. Internally, the VFO knob simply adds or subtracts to the base step frequency already in CPU memory and the rig doesn't mute.

This feature makes it hard to use the HRD slider to scan across the bands. One work around is to use HRD to set the frequency desired and then use the VFO knob on the 897 and another is to use the data out port on the back of the rig for an audio source: appearently it doesn't mute when being driven by HRD.

John WA0LHB

26618. Re: Field Day antenna

Yahoo group: FT897 (2009)
Date: 2009-07-01 14:54:46 UTC
From: tenorman1952
Topic: 26612 Message: 26618

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> HI Paul,

(trimmed)
>
> You comment in the text about the fact that the two sides need to be
> different lengths to get the SWR right down.
>
> I suggest that it could quite possibly be because the aluminium angle
> bracket is connected to the black end of the antenna so it becomes part of
> the antenna thus increasing the overall length of the black end with respect

(trimmed)
>
> 73....Eric VK2VE.

(Eric is referring to my antenna here:

http://www.hamuniverse.com/AE5JUHomebrewBuddipoleVariant.pdf)

Eric, yes, I had thought of that, but also, the original Buddipole has the same characteristics and must be operated with assymetrical coil and whip lengths in order to get acceptable SWR (under 2:1).

But whatever the reason, the coil and whip dimensions given work well and I can get good SWR without tuner on 40, 20, 17, and 15 meters. I have not yet tried it on 12 and 10 meters, but it should work on those bands by using no coils, just adjusting the whips shorter.

The fun part was, with the assistance of one other person, I put up my antenna in about 10 minutes. (would have been 5 minutes by myself... hahah, it was a "show & tell" moment) Meanwhile, the rest of the club, using about 6 people, took about 45 minutes stringing up the folded loop. And if trees and flagpole had not been conveniently located where they were, well, who knows? But mine actually worked. ;-)

Paul
AE5JU

26619. Re: [FT897] Re: Field Day antenna

Yahoo group: FT897 (2009)
Date: 2009-07-01 15:08:31 UTC
From: Lew Phelps K6LMP
Topic: 26612 Message: 26619

This is a wonderfully well-documented and well-conceived project.
Thanks for sharing the info! I have been operating "portable" with a
Yaesu ATAS-25 antenna, but find it very hard to make contacts with it,
so I think I am going to build one of these and try it out.

Lew K6LMP

>

26620. Ferrite Beads for Key connection

Yahoo group: FT897 (2009)
Date: 2009-07-01 19:49:25 UTC
From: G. Hopper
Topic: 26592 Message: 26620

Beads on the coax at the feedpoing (of the antenna?) I'm now a little confused. I thought we were discussing the issue of putting a choke on the cable from the code key to the key plug on the radio, not the coax at the antenna. Did I miss something or are these going to be a good choice for an ordinary shielded pair (not feedline) and that just wasn't explicitly stated (for us slow folks)?

I was going to ask (and I guess I'm doing so now) if we ever reached any kind of consensus on what was appropriate as I wanted to make up a couple of cables for my key(s) that will protect my radio.

73,
Grant
KB7WSD

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> --- In FT897@yahoogroups.com, "k5btk" <k5btk@> wrote:
> >
> > W1IVB posted...
> > <MOST, MOST interesting. Thank you for the posting. Fast question - do you have any knowledge about the details of that ferrite choke? Any info would be appreciated Frank (W1IVB)>
> >
> > No info at all, Frank. Except that it is of the type which separate into two halves for easy clipping over the conductor and then snap back together. The length of the choke is 1.25" and the diameter is about 5/8". It probably helped - but I think the extra distance from the antenna was crucial.
> >
> > Happy 4th! ...Don (K5BTK)
> >
>
> The chokes I use are the snap-on Ferrite Beads from Palomar Engineers.
>
> http://www.palomar-engineers.com/
>
> They are the FSB-1/4 (for RG-8X, aka "Mini-8"), and there are other sizes for other coax. These beads are snapped on as close to the feedpoint as possible. Mine are on the antenna end of the coax right up against the PL-259 plug.
>
> Talking with the fellow at Palomar, for 2 meters one bead is adequate. For operation down to 80 meters, 5 beads are needed. For 160 meters, 10 beads.
>
> Scroll down on this page to "Split Beads".
>
> http://www.palomar-engineers.com/Ferrite_Beads/ferrite_beads.html
>

> These are good if your coax already has plugs installed. If you are making up the cable, or have to change the plugs anyway, you can use one of these kits:
>
> http://www.palomar-engineers.com/1_1_Balun_Kits/1_1_balun_kits.html
>
> To keep the snap-on ferrite beads in place I slipped a band of heat shrink tubing over each one to make sure they stays snapped closed.
>
> This is all much smaller than coiled coax ("choke balun") which also uses up about 20 feet of your coax and would have to be wound on a large bulky piece of pvc pipe. With the ferrite beads, and nice flexible (stranded inner conductor) Mini-8 it rolls up nicely in my kit.
>
> Paul
> AE5JU
>

26621. WA7LAW field day VHF+ with 897d and Buddipole

Yahoo group: FT897 (2009)
Date: 2009-07-01 20:29:39 UTC
From: G. Hopper
Topic: 26621 Message: 26621

I just wanted to share a quick note regarding my use, or rather our experience (Snohomish County Hams Club, WA7LAW) with my 897 and a Buddipole configured as a 6 meter, 3 element beam at Field Day this year. I'm pretty excited about my purchase of this radio and am thankful for the help and advice I received (on and off list) and wanted to share my thanks again as well as my enjoyment at field day.

The whole idea of using this combo was a backup plan that became "the plan" when our main VHF+ guy never answered any emails and no one
really thought about what we would do on 6 and above for field day.
Fortunately, I had planned on getting on 6 a lot with this system so I had everything I needed, just no time to test it beforehand.

The whole antenna thing was somewhat of a guess, based on a previous design (with one unobtainable part- isn't that the way it always goes?) My Buddipole Deluxe is the "long" kit with the 18' mast, so the whole thing on the tripod stood a pinch over 20' tall, and once we sorted things out we ended up with a SWR of about 1.4 at 50.125 MHz according to my MFJ-269 (how did I ever get along without THAT piece of gear?)

What turned out nice about the buddipole (as many of you know) is that I was able to not only configure it and tune it by telescoping the elements, but also that I set it up on both 2 and 6 meters. I wanted to try it out on 10 and below but the other radios (we were 3A) were in pretty much constant use, at least until 11 PM.

We ended up with around 45 contacts on 6 meters, mostly up and down the west coast and into the southwest as we had a good opening (heard that it opened to JA land, but we never saw evidence of that.) The 6 land folks had an opening into the Midwest so that was pretty neat to listen to as well.

We also made contacts on both 6M and 2m on Sunday morning, including one CW QSO (and given that the antenna was about 30' away, I'm glad the use of the key didn't fry the radio.) My big frustration was switching the coax between the connectors when I went from 6 to 2 and back again (several times.) Since that was my big complaint I have to say that I was very pleased with the whole setup.

All that, coupled with a great computer logging program especially for field day (N3FJP's Field Day Network Log) made the whole event pretty great. I'm already planning some activations of local islands for the US Islands program and getting pretty darn excited for further summer adventures with my 897d!

73,
Grant
KB7WSD

26622. SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 01:45:00 UTC
From: TED
Topic: 26622 Message: 26622

MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8

THANK YOU

26623. Re: [FT897] SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 01:58:30 UTC
From: Gary Altig
Topic: 26622 Message: 26623

DE N7UVL,
I almost let this one go. But here it is anyway,
"Charge Your Battery"./ga

----- Original Message -----
From: TED<mailto:cinninnatti@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, July 01, 2009 6:45 PM
Subject: [FT897] SUPPLY VOLTAGE INDICATOR

MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8

THANK YOU

[Non-text portions of this message have been removed]

26624. Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 02:10:21 UTC
From: TED
Topic: 26622 Message: 26624

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> I almost let this one go. But here it is anyway,
> "Charge Your Battery"./ga
>
> ----- Original Message -----
> From: TED<mailto:cinninnatti@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Wednesday, July 01, 2009 6:45 PM
> Subject: [FT897] SUPPLY VOLTAGE INDICATOR
>
> I am not using batterys
>
>
>
> MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8
>
> THANK YOU
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26625. Re: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 02:14:41 UTC
From: Larry D. Barr, K5WLF
Topic: 26622 Message: 26625

A little more information would help us help you. Are you using a fixed
or variable voltage power supply? Give us some details to work with.

73,
ldb
K5WLF

TED wrote:
> --- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>> DE N7UVL,
>> I almost let this one go. But here it is anyway,
>> "Charge Your Battery"./ga
>>
>> ----- Original Message -----
>> From: TED<mailto:cinninnatti@...>
>> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
>> Sent: Wednesday, July 01, 2009 6:45 PM
>> Subject: [FT897] SUPPLY VOLTAGE INDICATOR
>>
>> I am not using batterys
>>
>>
>>
>> MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8
>>
>> THANK YOU
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]

26626. Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 02:17:36 UTC
From: TED
Topic: 26622 Message: 26626

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>
> A little more information would help us help you. Are you using a fixed
> or variable voltage power supply? Give us some details to work with.
>
> 73,
> ldb
> K5WLF
>
> Thanks, yes I am using a tripp-lite pro 40 power supply in my shack, is it my radio or the power supply

thank you very much> TED wrote:
> > --- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@> wrote:
> >> DE N7UVL,
> >> I almost let this one go. But here it is anyway,
> >> "Charge Your Battery"./ga
> >>
> >> ----- Original Message -----
> >> From: TED<mailto:cinninnatti@>
> >> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> >> Sent: Wednesday, July 01, 2009 6:45 PM
> >> Subject: [FT897] SUPPLY VOLTAGE INDICATOR
> >>
> >> I am not using batterys
> >>
> >>
> >>
> >> MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8
> >>
> >> THANK YOU
> >>
> >>
> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
>

26627. Re: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 02:35:50 UTC
From: Larry D. Barr, K5WLF
Topic: 26622 Message: 26627

Ted,

A couple tests and checks are in order here. First off, your power supply is not variable voltage, so we can eliminate the cat hitting the knob <G>

You didn't mention if both voltage readings were taken in receive or transmit mode. If it shows 13.8 in RX and 13.3 in TX, that's pretty much normal with just about any supply. You're always going to get a voltage drop on TX when the load goes from 1A to about 23A.

If it's dropped from 13.8 to 13.3 in RX mode, then we'll start looking. Get your digital voltmeter, set it to the 20 VDC scale, and check the voltage at the output terminals of the PS, with the radio on and in RX mode. Then key the radio, give it a test count (don't forget to ID ;-)) and read the voltage while transmitting. A half volt drop there would be normal and within the published specs of your supply.

See if the voltmeter readings agree with the readout on the radio. If they do, all is well.

Next, check the PS output under no load -- radio disconnected and then check the voltage at the radio end of the cable. If that's lower, you've got a cable problem and it'll be exacerbated when you're transmitting. Check for loose connections and repair or replace them.

If the above doesn't fix things, take notes and get back to us. Good luck.

73,
ldb
K5WLF

TED wrote:
> --- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>> A little more information would help us help you. Are you using a fixed
>> or variable voltage power supply? Give us some details to work with.
>>
>> 73,
>> ldb
>> K5WLF
>>
>> Thanks, yes I am using a tripp-lite pro 40 power supply in my shack, is it my radio or the power supply
>
> thank you very much> TED wrote:

26628. Re: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 02:57:57 UTC
From: Jim N7TCF
Topic: 26622 Message: 26628

The voltage reading should be made at the radio end of the cable. This
will show the voltage drop of the wire. The radio's display is can be
calibrated from a service menu to read the more accurately.

.5 drop under transmit is not bad.

Jim N7TCF

Larry D. Barr, K5WLF wrote:
>
>
>
> Ted,
>
> A couple tests and checks are in order here. First off, your power
> supply is not variable voltage, so we can eliminate the cat hitting the
> knob <G>
>
> You didn't mention if both voltage readings were taken in receive or
> transmit mode. If it shows 13.8 in RX and 13.3 in TX, that's pretty much
> normal with just about any supply. You're always going to get a voltage
> drop on TX when the load goes from 1A to about 23A.
>
> If it's dropped from 13.8 to 13.3 in RX mode, then we'll start looking.
> Get your digital voltmeter, set it to the 20 VDC scale, and check the
> voltage at the output terminals of the PS, with the radio on and in RX
> mode. Then key the radio, give it a test count (don't forget to ID ;-))
> and read the voltage while transmitting. A half volt drop there would be
> normal and within the published specs of your supply.
>
> See if the voltmeter readings agree with the readout on the radio. If
> they do, all is well.
>
> Next, check the PS output under no load -- radio disconnected and then
> check the voltage at the radio end of the cable. If that's lower, you've
> got a cable problem and it'll be exacerbated when you're transmitting.
> Check for loose connections and repair or replace them.
>
> If the above doesn't fix things, take notes and get back to us. Good luck.
>
> 73,
> ldb
> K5WLF
>
> TED wrote:
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "Larry

> D. Barr, K5WLF" <k5wlf@...> wrote:
> >> A little more information would help us help you. Are you using a fixed
> >> or variable voltage power supply? Give us some details to work with.
> >>
> >> 73,
> >> ldb
> >> K5WLF
> >>
> >> Thanks, yes I am using a tripp-lite pro 40 power supply in my shack,
> is it my radio or the power supply
> >
> > thank you very much> TED wrote:
>
>

26629. Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 03:22:13 UTC
From: TED
Topic: 26622 Message: 26629

--- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>
> Ted,
>
> A couple tests and checks are in order here. First off, your power
> supply is not variable voltage, so we can eliminate the cat hitting the
> knob <G>
>
> You didn't mention if both voltage readings were taken in receive or
> transmit mode. If it shows 13.8 in RX and 13.3 in TX, that's pretty much
> normal with just about any supply. You're always going to get a voltage
> drop on TX when the load goes from 1A to about 23A.
>
> If it's dropped from 13.8 to 13.3 in RX mode, then we'll start looking.
> Get your digital voltmeter, set it to the 20 VDC scale, and check the
> voltage at the output terminals of the PS, with the radio on and in RX
> mode. Then key the radio, give it a test count (don't forget to ID ;-))
> and read the voltage while transmitting. A half volt drop there would be
> normal and within the published specs of your supply.
>
> See if the voltmeter readings agree with the readout on the radio. If
> they do, all is well.
>
> Next, check the PS output under no load -- radio disconnected and then
> check the voltage at the radio end of the cable. If that's lower, you've
> got a cable problem and it'll be exacerbated when you're transmitting.
> Check for loose connections and repair or replace them.
>
> If the above doesn't fix things, take notes and get back to us. Good luck.
>
> 73,
> ldb
> K5WLF
>
>
> TED wrote:
> > --- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@> wrote:
> >> A little more information would help us help you. Are you using a fixed
> >> or variable voltage power supply? Give us some details to work with.
> >>
> >> 73,
> >> ldb
> >> K5WLF
> >>
> >> Thanks, yes I am using a tripp-lite pro 40 power supply in my shack, is it my radio or

the power supply
> >
> > thank you very much> TED wrote:
>
thank you very much you helped me with my question.
73

26630. Re: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 03:26:18 UTC
From: Larry D. Barr, K5WLF
Topic: 26622 Message: 26630

What was the problem?

73,
ldb
K5WLF

TED wrote:
> --- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@...> wrote:
>> Ted,
>>
>> A couple tests and checks are in order here. First off, your power
>> supply is not variable voltage, so we can eliminate the cat hitting the
>> knob <G>
>>
>> You didn't mention if both voltage readings were taken in receive or
>> transmit mode. If it shows 13.8 in RX and 13.3 in TX, that's pretty much
>> normal with just about any supply. You're always going to get a voltage
>> drop on TX when the load goes from 1A to about 23A.
>>
>> If it's dropped from 13.8 to 13.3 in RX mode, then we'll start looking.
>> Get your digital voltmeter, set it to the 20 VDC scale, and check the
>> voltage at the output terminals of the PS, with the radio on and in RX
>> mode. Then key the radio, give it a test count (don't forget to ID ;-))
>> and read the voltage while transmitting. A half volt drop there would be
>> normal and within the published specs of your supply.
>>
>> See if the voltmeter readings agree with the readout on the radio. If
>> they do, all is well.
>>
>> Next, check the PS output under no load -- radio disconnected and then
>> check the voltage at the radio end of the cable. If that's lower, you've
>> got a cable problem and it'll be exacerbated when you're transmitting.
>> Check for loose connections and repair or replace them.
>>
>> If the above doesn't fix things, take notes and get back to us. Good luck.
>>
>> 73,
>> ldb
>> K5WLF
>>
>>
>> TED wrote:
>>> --- In FT897@yahoogroups.com, "Larry D. Barr, K5WLF" <k5wlf@> wrote:
>>>> A little more information would help us help you. Are you using a fixed
>>>> or variable voltage power supply? Give us some details to work with.

>>>>
>>>> 73,
>>>> ldb
>>>> K5WLF
>>>>
>>>> Thanks, yes I am using a tripp-lite pro 40 power supply in my shack, is it my radio or the power supply
>>> thank you very much> TED wrote:
> thank you very much you helped me with my question.
> 73
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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26631. RE: [FT897] SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 14:25:35 UTC
From: Michael Walker (VA3MW)
Topic: 26622 Message: 26631

How do you know if you supply voltage is 13.8?

From: TED [mailto:cinninnatti@...]
Sent: Wednesday, July 01, 2009 9:45 PM
To: FT897@yahoogroups.com
Subject: [FT897] SUPPLY VOLTAGE INDICATOR

MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8

THANK YOU

[Non-text portions of this message have been removed]

26632. Re: [FT897] SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 15:44:39 UTC
From: Lew Phelps K6LMP
Topic: 26622 Message: 26632

1. Get voltmeter out of drawer and blow off any dust.
2. Rotate range selection knot to set voltmeter to 20 volts DC range
3. Disconnect power supply cord from FT-897.
4. Turn on power supply.
5. Insert red voltmeter probe into power supply socket for red wire.
6. Insert black voltmeter probe into power supply socket for black wire.
7. Observe readout on voltmeter.

lew k6lmp

On Jul 2, 2009, at 7:25 AM, Michael Walker (VA3MW) wrote:
>
> How do you know if you supply voltage is 13.8?
>
>
>

[Non-text portions of this message have been removed]

26633. Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 15:44:33 UTC
From: Frans, ON4AZD
Topic: 26622 Message: 26633

Go To hidden menu 017 and change there, perhaps: 133 to 138

Frans

26634. RE: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 16:06:07 UTC
From: D. F.
Topic: 26622 Message: 26634

DO NOT change that value. The problem may not be a problem, it may be normal operation. We don't know if he even has a faulty (probably not) PS. If you change the value in the radio, it may not read correctly if he connects to another supply later and may damage the radio because he now is getting an incorrect reading.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Frans, ON4AZD
Sent: Thursday, July 02, 2009 10:45
To: FT897@yahoogroups.com
Subject: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Go To hidden menu 017 and change there, perhaps: 133 to 138

Frans

[Non-text portions of this message have been removed]

26635. Antenna Switch

Yahoo group: FT897 (2009)
Date: 2009-07-02 16:18:21 UTC
From: richardkd0gdv
Topic: 26635 Message: 26635

Hi, all. I have a question about using an antenna switch.

Here's what I have set up: I have a tri-band (144/440/6M) antenna and an HF antenna coming into the 2-antenna switch. Out of the switch I have one feed going to the HF side (where the 6M lives), and the other to the VHF side. I want to try more 6M, so what I'm doing is feeding the 6M signal from a 144/440/6M tri-band to the HF side without physically reconnecting antennas.

My MFJ1702C switch says, "Do not change position with power on the transmission line." My question is whether that's really dangerous to the radio. Since I switch HF to VHF bands frequently, I would think it's also hard on the radio's power switch to turn it off and on that often as I use the switch to change antennas.

73s. Thanks.
Richard
KDØGDV

26636. RE: [FT897] Antenna Switch

Yahoo group: FT897 (2009)
Date: 2009-07-02 16:35:32 UTC
From: D. F.
Topic: 26635 Message: 26636

It is ok to switch when in RX mode. You don☐t want to switch while in TX mode. That is what they mean by ☐with power on the transmission line☐. While in RX, there is no power on the line.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of richardkd0gdv
Sent: Thursday, July 02, 2009 11:18
To: FT897@yahoogroups.com
Subject: [FT897] Antenna Switch

Hi, all. I have a question about using an antenna switch.

Here's what I have set up: I have a tri-band (144/440/6M) antenna and an HF antenna coming into the 2-antenna switch. Out of the switch I have one feed going to the HF side (where the 6M lives), and the other to the VHF side. I want to try more 6M, so what I'm doing is feeding the 6M signal from a 144/440/6M tri-band to the HF side without physically reconnecting antennas.

My MFJ1702C switch says, "Do not change position with power on the transmission line." My question is whether that's really dangerous to the radio. Since I switch HF to VHF bands frequently, I would think it's also hard on the radio's power switch to turn it off and on that often as I use the switch to change antennas.

73s. Thanks.
Richard
KDØGDV

[Non-text portions of this message have been removed]

26637. Re: [FT897] Antenna Switch

Yahoo group: FT897 (2009)
Date: 2009-07-02 18:52:13 UTC
From: Jim C
Topic: 26635 Message: 26637

Like he says , you don't have to turn off the radio to switch antennas.
Just make sure you aren't transmitting when you do it.

D. F. wrote:
>
>
> It is ok to switch when in RX mode. You don?t want to switch while in
> TX mode. That is what they mean by ?with power on the transmission
> line?. While in RX, there is no power on the line.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> richardkd0gdv
> Sent: Thursday, July 02, 2009 11:18
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Antenna Switch
>
>
> Hi, all. I have a question about using an antenna switch.
>
> Here's what I have set up: I have a tri-band (144/440/6M) antenna and an
> HF antenna coming into the 2-antenna switch. Out of the switch I have
> one feed going to the HF side (where the 6M lives), and the other to the
> VHF side. I want to try more 6M, so what I'm doing is feeding the 6M
> signal from a 144/440/6M tri-band to the HF side without physically
> reconnecting antennas.
>
> My MFJ1702C switch says, "Do not change position with power on the
> transmission line." My question is whether that's really dangerous to
> the radio. Since I switch HF to VHF bands frequently, I would think it's
> also hard on the radio's power switch to turn it off and on that often
> as I use the switch to change antennas.
>
> 73s. Thanks.
> Richard
> KD?GDV
>
> [Non-text portions of this message have been removed]
>
>

26638. Re: Antenna Switch

Yahoo group: FT897 (2009)
Date: 2009-07-02 19:35:48 UTC
From: richardkd0gdv
Topic: 26635 Message: 26638

Thanks for the clarification. I knew there had to be a way to switch antennas without turning the rig off.

73s
Richard
KDØGDV

--- In FT897@yahoogroups.com, Jim C <liteways@...> wrote:
>
> Like he says , you don't have to turn off the radio to switch antennas.
> Just make sure you aren't transmitting when you do it.
>
> D. F. wrote:
> >
> >
> > It is ok to switch when in RX mode. You don't want to switch while in
> > TX mode. That is what they mean by "with power on the transmission
> > line". While in RX, there is no power on the line.
> >
> > Dennis - N8BMB
> >

26639. RE: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 20:13:27 UTC
From: Florentin Nastase
Topic: 26622 Message: 26639

VY IMPORTANT !!!

DO NOT CHANGE HIDDEN MENU #17, LET IT AT 138 !!!
IF YOU MAKE A RESET, 1-ST BE SURE THEAT YOUR PS IS EXACTLY 13.8V, ALSO IF YOU ACCESS HIDDEN MENU.

THE PROCESSOR REFERENCE IS ACURATE 13.8v

Sorry for my english
73'S
Florentin YO9BXC.

--- On Thu, 7/2/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] Re: SUPPLY VOLTAGE INDICATOR
To: FT897@yahoogroups.com
Date: Thursday, July 2, 2009, 9:06 AM

DO NOT change that value. The problem may not be a problem, it may be
normal operation. We don't know if he even has a faulty (probably not)
PS. If you change the value in the radio, it may not read correctly if
he connects to another supply later and may damage the radio because he
now is getting an incorrect reading.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Frans, ON4AZD
Sent: Thursday, July 02, 2009 10:45
To: FT897@yahoogroups. com
Subject: [FT897] Re: SUPPLY VOLTAGE INDICATOR

Go To hidden menu 017 and change there, perhaps: 133 to 138

Frans

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26640. Re: SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 20:43:25 UTC
From: TED
Topic: 26622 Message: 26640

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> VY IMPORTANT !!!
>
> DO NOT CHANGE HIDDEN MENU #17, LET IT AT 138 !!!
> IF YOU MAKE A RESET, 1-ST BE SURE THEAT YOUR PS IS EXACTLY 13.8V, ALSO IF YOU ACCESS HIDDEN MENU.
>
> THE PROCESSOR REFERENCE IS ACURATE 13.8v
>
> Sorry for my english
> 73'S
> Florentin YO9BXC.
>
>
> --- On Thu, 7/2/09, D. F. <n8bmb1@...> wrote:
>
>
> From: D. F. <n8bmb1@...>
> Subject: RE: [FT897] Re: SUPPLY VOLTAGE INDICATOR
> To: FT897@yahoogroups.com
> Date: Thursday, July 2, 2009, 9:06 AM
> Thank you I will not change anything, I will just leave it alone

thanks ted 73
>
>
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>
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>
>
> DO NOT change that value. The problem may not be a problem, it may be
> normal operation. We don't know if he even has a faulty (probably not)
> PS. If you change the value in the radio, it may not read correctly if
> he connects to another supply later and may damage the radio because he
> now is getting an incorrect reading.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
> Frans, ON4AZD
> Sent: Thursday, July 02, 2009 10:45
> To: FT897@yahoogroups. com

> Subject: [FT897] Re: SUPPLY VOLTAGE INDICATOR
>
>
> Go To hidden menu 017 and change there, perhaps: 133 to 138
>
> Frans
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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26641. Re: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-02 21:09:52 UTC
From: Ron Bondy
Topic: 26460 Message: 26641

Hi Ted,

Thanks for your response.

Yes, by 'voltage regulator' I meant a 'boost regulator'.

The voltage differences are only during transmit.

Thanks for the suggestion to measure the voltage at the battery while transmitting, that shows that there is a voltage drop between the battery and the radio. The battery is about 0.6v above the radio, so there is a large voltage drop across my cable. I'm going to look into using bigger wire in the cable, and maybe solid vs stranded.

And after I checked my radio setup again I found that I didn't have things quite right.

Thanks again for your suggestions, they were a big help.

73's,

Ron

From: Ted Wrobel <twrobel@...>
To: FT897@yahoogroups.com
Sent: Sunday, June 28, 2009 8:50:02 AM
Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Ron,

I'm not sure now what you mean when you use the term voltage regulator.

A voltage regulator (except for "boost regulators" - really not a regulator) run from a battery cannot put out a voltage higher than the source from the battery. Indeed, typical regulator designs require at least 1.5 volts more than the desire output, often more. The solution is to stop discharge at that point. A regulator will not help with this unless it provides a cut-off function for low input voltage (some do).

There are a couple of boost devices available that can provide voltages higher than the input with perhaps 90% efficiency. These must obviously draw more power than they put out so useable amp-hours will be reduced. The key advantage is their ability to keep the radio supply voltage at optimum levels with the tradeoff being less battery running time. MFJ has a unit and there is another but I forget the supplier name. If you google 'boost regulator' you will find them.

Further, you are correct about low voltages and battery damage - you do not want to discharge most lead acid batteries below 11.5 v.

If you see a voltage drop down to 11.6 volts I would be suspicious of the battery. Some questions to consider are:

1. At what point are you measuring voltage? If you are talking about the ft-897 screen display the voltage would be at the radio end of the supply wire.

2. Is the voltage you mention during transmit or at idle? During transmit you need to measure the voltage at the battery to know you are not simply seeing drop due to wire resistance. You can calculate the drop in the wire using ohms law. You will need to find wire resistance and current draw.

3. What voltage recovery do you see when you stop transmitting? It is normal for battery voltage to drop during high current draw but it will normally recover very quickly once the load is removed.

It sounds to me like you might have a failing battery. You might consider having it tested. At 40 watts even with 100% duty cycle (highly unlikely) the current draw will probably be around 10 amps. If you are seeing a drop of 1 volt after one half hour at 10 amps there is something wrong. Even a starting battery will perform better than that. Note that when batteries fail it is common to see drastically reduced capacity - the battery appears to charge to full voltage (12.7 ?) but cannot supply many amp hours of power.

I don't run PSK31, so my power consumption is likely around 2/3 lower per hour.

Hopes this helps a little.

Ted

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Ron Bondy
Sent: Monday, June 22, 2009 16:37
To: FT897@yahoogroups. com
Subject: Re: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Ted,

With regard to the voltage regulator, I was thinking that the voltage regulator would be necessary when the voltage drops on transmit.

My understanding is that deep cycle batteries can be damaged if the voltage drops below 10.5v, and you don't want the voltage to drop below 11.5v to avoid excessive calcium buildup.

For psk31, I'm seeing my voltage drop to 11.6v on transmit using a fully charged 100AmpHr after say 1/2 hr of psk31 operation where I've cut back the transmit power to 40watts.

Do you run psk31 from a battery using the 897, and if so how many amp-hours of battery capacity do you use?

Thanks,

Ron

---------- --------- --------- --
From: Ted Wrobel <twrobel@tacticalte c <mailto:twrobel% 40tacticaltech. com>
h.com>
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Sent: Monday, June 22, 2009 11:22:02 AM
Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Ron,

Shouldn't be any reason for the BATTERY voltage to exceed the limit - just not possible.

However, if your charger were to put out excessive voltage it could damage the rig. It would also likely fry the battery if left high for very long.

So the control issue if the charger circuit. The charger should limit voltages to what is appropriate to the battery.

There should be no upward swing on transmit but there is likely to be a voltage drop unless you use very large, short power leads..

There are some issues with charging a bettery from a typical ham power supply that involve damage to the supply when power fails but the battery reamins connected.

One simple solution is to use a computer UPS unit to charge the battery - float voltage will be OK for many marine batteries.

73
Ted
W1GRI

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of aa0fk
Sent: Saturday, June 20, 2009 10:11
To: FT897@yahoogroups. com
Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Bob, kc3vo,

I'm interested in learning more about batteries, and am currently setting up to also run from a deep cycle marine battery. One thing that surprises me is that you don't see much mention of using a voltage regulator. There are products out there that shut the battery off if the voltage goes outside the range 11.5 to 15v in order to protect your equipment.

Without a voltage regulator, I'm concerned that my other equipment (ie tnc) will experience voltage swings during transmit.

Is it common to use a voltage regulator when operating a ham station using batteries? Do you recommend it?

Thanks,

Ron, KD0HNE

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26642. RE: [FT897] Antenna Switch

Yahoo group: FT897 (2009)
Date: 2009-07-03 02:21:47 UTC
From: Michael Walker (VA3MW)
Topic: 26635 Message: 26642

It means don□t change the switch while transmitting.

Mike VA3MW

From: richardkd0gdv [mailto:kd0gdv@...]
Sent: Thursday, July 02, 2009 12:18 PM
To: FT897@yahoogroups.com
Subject: [FT897] Antenna Switch

Hi, all. I have a question about using an antenna switch.

Here's what I have set up: I have a tri-band (144/440/6M) antenna and an HF antenna coming into the 2-antenna switch. Out of the switch I have one feed going to the HF side (where the 6M lives), and the other to the VHF side. I want to try more 6M, so what I'm doing is feeding the 6M signal from a 144/440/6M tri-band to the HF side without physically reconnecting antennas.

My MFJ1702C switch says, "Do not change position with power on the transmission line." My question is whether that's really dangerous to the radio. Since I switch HF to VHF bands frequently, I would think it's also hard on the radio's power switch to turn it off and on that often as I use the switch to change antennas.

73s. Thanks.
Richard
KDØGDV

[Non-text portions of this message have been removed]

26643. FT-897D and Field Day

Yahoo group: FT897 (2009)
Date: 2009-07-03 02:34:10 UTC
From: Hank
Topic: 26643 Message: 26643

I've had my 897 for around 6 months, and I love it. The only concern I had with this radio was the noise, which has been a topic of conversation here recently. I am in a deed restricted neighborhood, so my only HF antenna is a 19' dipole antenna in the attic. It is a small attic, and there is electric and A/C ventilation around the antenna.

On Field Day, I brought my 897 to the site, which was a horse farm out in the middle of Lake County Florida. After erecting a G5RV at about 25', I plugged my radio in and tuned it on 40 meters. The noise was almost non-existent and the signals were booming. I couldn't believe it was the same radio I brought from home. First contact was a solid 5/9. Afterwards I tuned around 20 meters and again, hardly any noise and powerful signals. After a few hours, I had to return home and plugged the radio back into the attic dipole - Noise around S9 and weak signals.

This confirmed my hope, that some of my reception issues are antenna related. I am now looking at installing a Tak-Tenna in the front courtyard. I can get it up around 25' and it still be hidden from view. I am hoping that getting an antenna outside of the attic will help my situation, and I have read wonderful reviews about the antenna.

Just wanted to share my experience with this radio. I am not dedicated to improve the antenna situation to help the radio.

73 de Hank / KB4MTO

26644. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 01:13:13 UTC
From: Larry D. Barr, K5WLF
Topic: 26460 Message: 26644

Solid wire won't make any difference over stranded and will be a lot harder to 'dress' properly and is more susceptible to fatigue from repeated bending.

73,
ldb
K5WLF

Ron Bondy wrote:

> I'm going to look into using bigger wire in the cable, and maybe solid vs
> stranded.
>
> 73's,
>
> Ron

26645. RE: [FT897] FT-897D and Field Day

Yahoo group: FT897 (2009)
Date: 2009-07-03 03:12:05 UTC
From: D. F.
Topic: 26643 Message: 26645

If you have trees in your yard, try putting a dipole strung through the tress or a long-wire. I used both with great success!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
Sent: Thursday, July 02, 2009 21:34
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D and Field Day

I've had my 897 for around 6 months, and I love it. The only concern I had with this radio was the noise, which has been a topic of conversation here recently. I am in a deed restricted neighborhood, so my only HF antenna is a 19' dipole antenna in the attic. It is a small attic, and there is electric and A/C ventilation around the antenna.

On Field Day, I brought my 897 to the site, which was a horse farm out in the middle of Lake County Florida. After erecting a G5RV at about 25', I plugged my radio in and tuned it on 40 meters. The noise was almost non-existent and the signals were booming. I couldn't believe it was the same radio I brought from home. First contact was a solid 5/9. Afterwards I tuned around 20 meters and again, hardly any noise and powerful signals. After a few hours, I had to return home and plugged the radio back into the attic dipole - Noise around S9 and weak signals.

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Just wanted to share my experience with this radio. I am not dedicated to improve the antenna situation to help the radio.

73 de Hank / KB4MTO

[Non-text portions of this message have been removed]

26646. RE: [FT897] FT-897D and Field Day

Yahoo group: FT897 (2009)
Date: 2009-07-03 05:01:40 UTC
From: Adam Karsin
Topic: 26643 Message: 26646

Hank,

I'm not sure if this will help, but I have a friend that although is not deed restricted, he is XYL restricted. What he did was he took dark color shielded 14GA wire, and fed it around near the top of his fence, I think he used stapled to secure it than used a caulk that is similar color to the fence (brown). To feed it he put the balun in a project box and trenched conduit to the house from the project (actually I think it was an electrical junction box) and ran his coax through that. He seems to have good results with low noise levels, but the downfall is the NVIS properties the antenna has. He is great for most of Florida, but real hit and miss outside of that. Like Dennis said if you can get a wire up in a tree that is your best bet. I have heard of magnet wire being used around the eaves of houses and other forms of clandestine set-ups. I had researched quite a few myself. I am not deed restricted, but have limited real estate to put stuff up, not to mention the way the power wires line and cross my property makes it that much more difficult.

This is one of the aspects I love about the hobby. We get a great idea, beat our heads against the wall until we figure out a solution and then commence beating the wall with our heads again until we make it work, only to be giddy when we actually get it going!!

I wish you the best of luck, and please report back here to let us know how the battle goes!! Or feel free to email me directly to let me know how it ends up.

Thanks and 73,

Adam

KG4WWH

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
Sent: Thursday, July 02, 2009 22:34
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D and Field Day

I've had my 897 for around 6 months, and I love it. The only concern I had with this radio was the noise, which has been a topic of conversation here recently. I am in a deed restricted neighborhood, so my only HF antenna is a 19' dipole antenna in the attic. It is a small attic, and there is electric and A/C ventilation around the antenna.

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Just wanted to share my experience with this radio. I am not dedicated to improve the antenna situation to help the radio.

73 de Hank / KB4MTO

[Non-text portions of this message have been removed]

26647. Re: [FT897] FT-897D and Field Day

Yahoo group: FT897 (2009)
Date: 2009-07-03 05:05:52 UTC
From: Thomas Wilson
Topic: 26643 Message: 26647

I have also seen coil antennas: Take a 4' piece of 1.5-2" plastic pipe
and wrap a half-wave of wire around it. Mount it vertically and feed
it with a long piece of coax....

On Thu, Jul 2, 2009 at 10:01 PM, Adam Karsin<akarsin@...> wrote:
>
>
> Hank,
>
> I'm not sure if this will help, but I have a friend that although is
> not deed restricted, he is XYL restricted. What he did was he took dark
> color shielded 14GA wire, and fed it around near the top of his fence, I
> think he used stapled to secure it than used a caulk that is similar color
> to the fence (brown). To feed it he put the balun in a project box and
> trenched conduit to the house from the project (actually I think it was an
> electrical junction box) and ran his coax through that. He seems to have
> good results with low noise levels, but the downfall is the NVIS properties
> the antenna has. He is great for most of Florida, but real hit and miss
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> your best bet. I have heard of magnet wire being used around the eaves of
> houses and other forms of clandestine set-ups. I had researched quite a few
> myself. I am not deed restricted, but have limited real estate to put stuff
> up, not to mention the way the power wires line and cross my property makes
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>
> This is one of the aspects I love about the hobby. We get a great idea, beat
> our heads against the wall until we figure out a solution and then commence
> beating the wall with our heads again until we make it work, only to be
> giddy when we actually get it going!!
>
> I wish you the best of luck, and please report back here to let us know how
> the battle goes!! Or feel free to email me directly to let me know how it
> ends up.
>
> Thanks and 73,
>
> Adam
>
> KG4WWH
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Hank
> Sent: Thursday, July 02, 2009 22:34
> To: FT897@yahoogroups.com

> Subject: [FT897] FT-897D and Field Day
>
> I've had my 897 for around 6 months, and I love it. The only concern I had
> with this radio was the noise, which has been a topic of conversation here
> recently. I am in a deed restricted neighborhood, so my only HF antenna is a
> 19' dipole antenna in the attic. It is a small attic, and there is electric
> and A/C ventilation around the antenna.
>
> On Field Day, I brought my 897 to the site, which was a horse farm out in
> the middle of Lake County Florida. After erecting a G5RV at about 25', I
> plugged my radio in and tuned it on 40 meters. The noise was almost
> non-existent and the signals were booming. I couldn't believe it was the
> same radio I brought from home. First contact was a solid 5/9. Afterwards I
> tuned around 20 meters and again, hardly any noise and powerful signals.
> After a few hours, I had to return home and plugged the radio back into the
> attic dipole - Noise around S9 and weak signals.
>
> This confirmed my hope, that some of my reception issues are antenna
> related. I am now looking at installing a Tak-Tenna in the front courtyard.
> I can get it up around 25' and it still be hidden from view. I am hoping
> that getting an antenna outside of the attic will help my situation, and I
> have read wonderful reviews about the antenna.
>
> Just wanted to share my experience with this radio. I am not dedicated to
> improve the antenna situation to help the radio.
>
> 73 de Hank / KB4MTO
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26648. Re: [FT897] FT-897D and Field Day

Yahoo group: FT897 (2009)
Date: 2009-07-03 08:23:03 UTC
From: Bryce Anderson
Topic: 26643 Message: 26648

Two observations

You might want to look around you house for the offending noise maker.
We had HORRIBLE S7 noise at our Field Day site on a hill top far from electrical wires and the rest.
It turned out to be comming from an inverter we were using to power a laptop from a battery.
With that unconnected the noice dropped to S3 - S4.
When we diconnected the other inverters, which were reasonably clean, it dropped to S1 or less

I have a 40m Tak-Tenna
Steve (owner) is VERY helpful and wants you to be satisfied
There are some great reports on contacts made with a tak-tenna
I wonder to what extent the coax is acting as part of the antenna
If it is and power was traveling back down the outside of the shield, it would cause your radio to reduce power.
I plan on putting some torrid cores on the coax and checking to see if I can still tune the antenna
I only know enough to get into trouble, so take my comments with a grain of salt.

Bryce
K6TI

On Thu, Jul 2, 2009 at 7:34 PM, Hank <hank@...> wrote:

>
>
> I've had my 897 for around 6 months, and I love it. The only concern I had
> with this radio was the noise, which has been a topic of conversation here
> recently. I am in a deed restricted neighborhood, so my only HF antenna is a
> 19' dipole antenna in the attic. It is a small attic, and there is electric
> and A/C ventilation around the antenna.
>
> On Field Day, I brought my 897 to the site, which was a horse farm out in
> the middle of Lake County Florida. After erecting a G5RV at about 25', I
> plugged my radio in and tuned it on 40 meters. The noise was almost
> non-existent and the signals were booming. I couldn't believe it was the
> same radio I brought from home. First contact was a solid 5/9. Afterwards I
> tuned around 20 meters and again, hardly any noise and powerful signals.
> After a few hours, I had to return home and plugged the radio back into the
> attic dipole - Noise around S9 and weak signals.
>
> This confirmed my hope, that some of my reception issues are antenna
> related. I am now looking at installing a Tak-Tenna in the front courtyard.

> I can get it up around 25' and it still be hidden from view. I am hoping
> that getting an antenna outside of the attic will help my situation, and I
> have read wonderful reviews about the antenna.
>
> Just wanted to share my experience with this radio. I am not dedicated to
> improve the antenna situation to help the radio.
>
> 73 de Hank / KB4MTO
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

26649. Re: [FT897] Re: FT-897 and N3fjp AC Log Software

Yahoo group: FT897 (2009)
Date: 2009-07-03 08:42:49 UTC
From: Bryce Anderson
Topic: 26581 Message: 26649

We used N3FJP with two FT-857s for Field Day
We used the settings noted below.
Sometimes the software would recognize the radio and work fine
Other times the software would freeze in one mode and one band.
We had it working on one radio, then unplugged the cable to test it on the
other radio/laptop.
We got it running on the second radio but when it was plugged back into the
first radio and laptop, the program froze again
After powering down and rebooting once or twice, we got it to recognize the
radio again.

On Sun, Jun 28, 2009 at 4:19 PM, Steve Yates <aa5tb@...> wrote:

>
>
> Ed,
>
> With N3FJP's software I just use the default settings for Yaesu. Make sure
> that the Baud Rate matches what is selected on the FT-897's CAT RATE, menu
> No. 019. Also, you may have to experiment to find the port that you are
> using. Here are my settings:
>
> Select Rig: Yaesu
> Use Frequency: [check]
> Comm Port: 6
> Baud Rate (k): 38.4
> Parity: None
> Data Bits: 8
> Stop Bits: 2
> Connection Power: RTS
> Radio Polling Rate: 100 ms
> Mode by: Rig
> Convert from Hex: [check]
>
> Some of these settings are just personal preference but I hope they help
> you. Also, I have found the hard way that the pins on the DIN connector for
> the CAT jack bend very easily so be sure and check them to make sure that
> they are straight.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "w4nsc" <epadgett@...>
> wrote:
> >

> > i am using the N3FJP logging software and i have been trying to get my
> rig and the software rig control to work.
> > has anyone had this problem or has gotten the software to work
> > thanks.
> > 73
> > Ed W4NSC
> >
>
>
>

--
B Anderson
K 6 TI

[Non-text portions of this message have been removed]

26650. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 12:14:45 UTC
From: tenorman1952
Topic: 26460 Message: 26650

--- In FT897@yahoogroups.com, Ron Bondy <aa0fk@...> wrote:
>
> Hi Ted,
>
> Thanks for your response.
>
> Yes, by 'voltage regulator' I meant a 'boost regulator'.
>
> The voltage differences are only during transmit.
>
> Thanks for the suggestion to measure the voltage at the battery while transmitting,
> that shows that there is a voltage drop between the battery and the radio. The
> battery is about 0.6v above the radio, so there is a large voltage drop across my
> cable. I'm going to look into using bigger wire in the cable, and maybe solid vs
> stranded.
>
> And after I checked my radio setup again I found that I didn't have things quite right.
>
> Thanks again for your suggestions, they were a big help.
>
> 73's,
>
> Ron

Early last year for a little unofficial Field Day our club held in the part I operated from a Husky Power Center, one of those boxes with jumper cables, air pump, AC inverter, cappucino machine, etc.

I don't know what size gel cell is inside, but my FT-897 did not cut out, continued to operate as low as 11.3 v on transmit.

I have a West Mountain 4008 power strip now, and it has overvoltage and low voltage indication.

Paul
AE5JU

26651. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 12:39:33 UTC
From: Jim C
Topic: 26460 Message: 26651

Don't use solid with for anything that you want to move around.

Ron Bondy wrote:
>
>
> Hi Ted,
>
> Thanks for your response.
>
> Yes, by 'voltage regulator' I meant a 'boost regulator'.
>
> The voltage differences are only during transmit.
>
> Thanks for the suggestion to measure the voltage at the battery while
> transmitting,
> that shows that there is a voltage drop between the battery and the
> radio. The
> battery is about 0.6v above the radio, so there is a large voltage
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> cable. I'm going to look into using bigger wire in the cable, and
> maybe solid vs
> stranded.
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> And after I checked my radio setup again I found that I didn't have
> things quite right.
>
> Thanks again for your suggestions, they were a big help.
>
> 73's,
>
> Ron
>
> _____
> From: Ted Wrobel <twrobel@...
> <mailto:twrobel%40tacticaltech.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Sunday, June 28, 2009 8:50:02 AM
> Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> Hi Ron,
>
> I'm not sure now what you mean when you use the term voltage regulator.
>
> A voltage regulator (except for "boost regulators" - really not a
> regulator)

> run from a battery cannot put out a voltage higher than the source
> from the
> battery. Indeed, typical regulator designs require at least 1.5 volts more
> than the desire output, often more. The solution is to stop discharge at
> that point. A regulator will not help with this unless it provides a
> cut-off
> function for low input voltage (some do).
>
> There are a couple of boost devices available that can provide voltages
> higher than the input with perhaps 90% efficiency. These must
> obviously draw
> more power than they put out so useable amp-hours will be reduced. The key
> advantage is their ability to keep the radio supply voltage at optimum
> levels with the tradeoff being less battery running time. MFJ has a
> unit and
> there is another but I forget the supplier name. If you google 'boost
> regulator' you will find them.
>
> Further, you are correct about low voltages and battery damage - you
> do not
> want to discharge most lead acid batteries below 11.5 v.
>
> If you see a voltage drop down to 11.6 volts I would be suspicious of the
> battery. Some questions to consider are:
>
> 1. At what point are you measuring voltage? If you are talking about the
> ft-897 screen display the voltage would be at the radio end of the supply
> wire.
>
> 2. Is the voltage you mention during transmit or at idle? During transmit
> you need to measure the voltage at the battery to know you are not simply
> seeing drop due to wire resistance. You can calculate the drop in the wire
> using ohms law. You will need to find wire resistance and current draw.
>
> 3. What voltage recovery do you see when you stop transmitting? It is
> normal
> for battery voltage to drop during high current draw but it will normally
> recover very quickly once the load is removed.
>
> It sounds to me like you might have a failing battery. You might consider
> having it tested. At 40 watts even with 100% duty cycle (highly unlikely)
> the current draw will probably be around 10 amps. If you are seeing a drop
> of 1 volt after one half hour at 10 amps there is something wrong. Even a
> starting battery will perform better than that. Note that when batteries
> fail it is common to see drastically reduced capacity - the battery
> appears
> to charge to full voltage (12.7 ?) but cannot supply many amp hours of
> power.
>
> I don't run PSK31, so my power consumption is likely around 2/3 lower per

> hour.
>
> Hopes this helps a little.
>
> Ted
>
> _____
>
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf
> Of Ron
> Bondy
> Sent: Monday, June 22, 2009 16:37
> To: FT897@yahoogroups. com
> Subject: Re: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> Hi Ted,
>
> With regard to the voltage regulator, I was thinking that the voltage
> regulator would be necessary when the voltage drops on transmit.
>
> My understanding is that deep cycle batteries can be damaged if the
> voltage
> drops below 10.5v, and you don't want the voltage to drop below 11.5v to
> avoid excessive calcium buildup.
>
> For psk31, I'm seeing my voltage drop to 11.6v on transmit using a fully
> charged 100AmpHr after say 1/2 hr of psk31 operation where I've cut
> back the
> transmit power to 40watts.
>
> Do you run psk31 from a battery using the 897, and if so how many
> amp-hours
> of battery capacity do you use?
>
> Thanks,
>
> Ron
>
> _____ _____ _____ __
> From: Ted Wrobel <twrobel@tacticalte c <mailto:twrobel%
> 40tacticaltech. com>
> h.com>
> To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
> Sent: Monday, June 22, 2009 11:22:02 AM
> Subject: RE: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> Ron,
>
> Shouldn't be any reason for the BATTERY voltage to exceed the limit - just
> not possible.

>
> However, if your charger were to put out excessive voltage it could damage
> the rig. It would also likely fry the battery if left high for very long.
>
> So the control issue if the charger circuit. The charger should limit
> voltages to what is appropriate to the battery.
>
> There should be no upward swing on transmit but there is likely to be a
> voltage drop unless you use very large, short power leads..
>
> There are some issues with charging a bettery from a typical ham power
> supply that involve damage to the supply when power fails but the battery
> reamins connected.
>
> One simple solution is to use a computer UPS unit to charge the battery -
> float voltage will be OK for many marine batteries.
>
> 73
> Ted
> W1GRI
>
> _____
>
> From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of
> aa0fk
> Sent: Saturday, June 20, 2009 10:11
> To: FT897@yahoogroups. com
> Subject: Fwd: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> Hi Bob, kc3vo,
>
> I'm interested in learning more about batteries, and am currently
> setting up
> to also run from a deep cycle marine battery. One thing that surprises
> me is
> that you don't see much mention of using a voltage regulator. There are
> products out there that shut the battery off if the voltage goes
> outside the
> range 11.5 to 15v in order to protect your equipment.
>
> Without a voltage regulator, I'm concerned that my other equipment (ie
> tnc)
> will experience voltage swings during transmit.
>
> Is it common to use a voltage regulator when operating a ham station using
> batteries? Do you recommend it?
>
> Thanks,
>
> Ron, KD0HNE

>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
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>
>

26652. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 14:42:04 UTC
From: Thomas McGough
Topic: 26460 Message: 26652

Hi Ron,
    Just for your info, you will have less voltage drop across stranded wire then solid. The reason is that current flows around the circumference of a wire not thru the wire in its entirety.
Fact is there will be more surface area in a piece of stranded then solid. Thought this might help you, good luck... 73' from Elkton,Md
KB3IPN/Tom

From: tenorman1952 <tenorman1952@...>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 8:14:45 AM
Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

--- In FT897@yahoogroups. com, Ron Bondy <aa0fk@...> wrote:
>
> Hi Ted,
>
> Thanks for your response.
>
> Yes, by 'voltage regulator' I meant a 'boost regulator'.
>
> The voltage differences are only during transmit.
>
> Thanks for the suggestion to measure the voltage at the battery while transmitting,
> that shows that there is a voltage drop between the battery and the radio. The
> battery is about 0.6v above the radio, so there is a large voltage drop across my
> cable. I'm going to look into using bigger wire in the cable, and maybe solid vs
> stranded.
>
> And after I checked my radio setup again I found that I didn't have things quite right.
>
> Thanks again for your suggestions, they were a big help.
>
> 73's,
>
> Ron

Early last year for a little unofficial Field Day our club held in the part I operated from a Husky Power Center, one of those boxes with jumper cables, air pump, AC inverter, cappucino machine, etc.

I don't know what size gel cell is inside, but my FT-897 did not cut out, continued to operate as low as 11.3 v on transmit.

I have a West Mountain 4008 power strip now, and it has overvoltage and low voltage indication.

Paul
AE5JU

[Non-text portions of this message have been removed]

26653. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 14:45:30 UTC
From: oceanbiz01
Topic: 26460 Message: 26653

I thought that was only true for RF, not DC.

K3ZXL Dan

--- In FT897@yahoogroups.com, Thomas McGough <kb3ipn@...> wrote:
>
> Hi Ron,
>   Just for your info, you will have less voltage drop across stranded wire then solid. The reason is that current flows around the circumference of a wire not thru the wire in its entirety.
> Fact is there will be more surface area in a piece of stranded then solid. Thought this might help you, good luck... 73' from Elkton,Md
> KB3IPN/Tom
>
>
>
>
> _____
> From: tenorman1952 <tenorman1952@...>
> To: FT897@yahoogroups.com
> Sent: Friday, July 3, 2009 8:14:45 AM
> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
>
>
>
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> --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
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>
> Paul
> AE5JU
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26654. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:04:06 UTC
From: D. F.
Topic: 26460 Message: 26654

It was on the Tech test, if you remember!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of oceanbiz01
Sent: Friday, July 03, 2009 09:46
To: FT897@yahoogroups.com
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

I thought that was only true for RF, not DC.

K3ZXL Dan

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, Thomas McGough <kb3ipn@...> wrote:
>
> Hi Ron,
> Just for your info, you will have less voltage drop across stranded wire then solid. The reason is that current flows around the circumference of a wire not thru the wire in its entirety.
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> KB3IPN/Tom
>
>
>
>
> _____
> From: tenorman1952 <tenorman1952@...>
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Sent: Friday, July 3, 2009 8:14:45 AM
> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
>
>
>
>
> --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
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> >
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> > 73's,
> >
> > Ron
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jumper cables, air pump, AC inverter, cappucino machine, etc.
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> I don't know what size gel cell is inside, but my FT-897 did not cut
out, continued to operate as low as 11.3 v on transmit.
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> I have a West Mountain 4008 power strip now, and it has overvoltage
and low voltage indication.
>
> Paul
> AE5JU
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26655. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:20:11 UTC
From: oceanbiz01
Topic: 26460 Message: 26655

Never took the Tech Test. Went to Extra Class

Page 4.32 in ARRL Manual says:
"As the frequency increases, the current is confined to a thinner layer of the conductor surface. This property is called skin effect." At DC there is no frequency, therefore no skin effect.
Also see: http://en.wikipedia.org/wiki/Skin_effect
The skin effect is the tendency of an alternating electric current (AC) to distribute itself within a conductor so that the current density near the surface of the conductor is greater than that at its core. That is, the electric current tends to flow at the "skin" of the conductor. The skin effect causes the effective resistance of the conductor to increase with the frequency of the current. Skin effect is due to eddy currents set up by the AC current.

Dan K3ZXL

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> It was on the Tech test, if you remember!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> oceanbiz01
> Sent: Friday, July 03, 2009 09:46
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
>
>
>
>
>
> I thought that was only true for RF, not DC.
>
> K3ZXL Dan
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, Thomas
> McGough <kb3ipn@> wrote:
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> > Hi Ron,
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> stranded wire then solid. The reason is that current flows around the
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> > KB3IPN/Tom
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> >
> >
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> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > Sent: Friday, July 3, 2009 8:14:45 AM
> > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
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> >
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> > >
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> > > Ron
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> >
> > Paul
> > AE5JU
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
> [Non-text portions of this message have been removed]
>

26656. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:25:38 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26656

Electrons are so hetro-oriented that they don't want to be anywhere near other electrons, so the push their way as far apart as they can get and ending up lining the walls of the dance hall. While they feel a strong attraction for particles of the opposite charge, they are not very picky and end up just going with the flow, bouncing from hole to hole.

73,
kg4jix - randy.

On Friday 03 July 2009 09:45:30 oceanbiz01 wrote:
> I thought that was only true for RF, not DC.
>
> K3ZXL Dan
>
> --- In FT897@yahoogroups.com, Thomas McGough <kb3ipn@...> wrote:
> > Hi Ron,
> >   Just for your info, you will have less voltage drop across stranded
> > wire then solid. The reason is that current flows around the
> > circumference of a wire not thru the wire in its entirety. Fact is there
> > will be more surface area in a piece of stranded then solid. Thought this
> > might help you, good luck... 73' from Elkton,Md KB3IPN/Tom

26657. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:32:40 UTC
From: D. F.
Topic: 26460 Message: 26657

BULL! EVERYONE had to take the tech test.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
oceanbiz01
Sent: Friday, July 03, 2009 10:20
To: FT897@yahoogroups.com
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Never took the Tech Test. Went to Extra Class

Page 4.32 in ARRL Manual says:
"As the frequency increases, the current is confined to a thinner layer
of the conductor surface. This property is called skin effect." At DC
there is no frequency, therefore no skin effect.
Also see: http://en.wikipedia <http://en.wikipedia.org/wiki/Skin_effect>
..org/wiki/Skin_effect
The skin effect is the tendency of an alternating electric current (AC)
to distribute itself within a conductor so that the current density near
the surface of the conductor is greater than that at its core. That is,
the electric current tends to flow at the "skin" of the conductor. The
skin effect causes the effective resistance of the conductor to increase
with the frequency of the current. Skin effect is due to eddy currents
set up by the AC current.

Dan K3ZXL

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D. F."
<n8bmb1@...> wrote:
>
> It was on the Tech test, if you remember!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On
Behalf Of
> oceanbiz01
> Sent: Friday, July 03, 2009 09:46
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
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>

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> circumference of a wire not thru the wire in its entirety.
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> > KB3IPN/Tom
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> >
> >
> >
> > _____
> > From: tenorman1952 <tenorman1952@>
> > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > Sent: Friday, July 3, 2009 8:14:45 AM
> > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
> >
> >
> >
> >
> >
> > --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
> > >
> > > Hi Ted,
> > >
> > > Thanks for your response.
> > >
> > > Yes, by 'voltage regulator' I meant a 'boost regulator'.
> > >
> > > The voltage differences are only during transmit.
> > >
> > > Thanks for the suggestion to measure the voltage at the battery
> while transmitting,
> > > that shows that there is a voltage drop between the battery and
the
> radio. The
> > > battery is about 0.6v above the radio, so there is a large voltage
> drop across my
> > > cable. I'm going to look into using bigger wire in the cable, and
> maybe solid vs

> > > stranded.
> > >
> > > And after I checked my radio setup again I found that I didn't
have
> things quite right.
> > >
> > > Thanks again for your suggestions, they were a big help.
> > >
> > > 73's,
> > >
> > > Ron
> >
> > Early last year for a little unofficial Field Day our club held in
the
> part I operated from a Husky Power Center, one of those boxes with
> jumper cables, air pump, AC inverter, cappucino machine, etc.
> >
> > I don't know what size gel cell is inside, but my FT-897 did not cut
> out, continued to operate as low as 11.3 v on transmit.
> >
> > I have a West Mountain 4008 power strip now, and it has overvoltage
> and low voltage indication.
> >
> > Paul
> > AE5JU
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

26658. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:32:46 UTC
From: oceanbiz01
Topic: 26460 Message: 26658

Holes (the opposite of electrons) are also hetro-oriented. Why do they not also go to the skin of the conductor instead of the electrons? Which one gets to decide who is on the skin and who is in the center. There is also the Hole Theory which says that holes move in the opposite direction from electrons. It is called Hole Flow. This is an A.C. phenomenon.

Dan K3ZXL

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Electrons are so hetro-oriented that they don't want to be anywhere near other
> electrons, so the push their way as far apart as they can get and ending up
> lining the walls of the dance hall. While they feel a strong attraction for
> particles of the opposite charge, they are not very picky and end up just
> going with the flow, bouncing from hole to hole.
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> 73,
> kg4jix - randy.
>
>
> On Friday 03 July 2009 09:45:30 oceanbiz01 wrote:
> > I thought that was only true for RF, not DC.
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> > K3ZXL Dan
> >
> > --- In FT897@yahoogroups.com, Thomas McGough <kb3ipn@> wrote:
> > > Hi Ron,
> > > Â Â Â Just for your info, you will have less voltage drop across stranded
> > > wire then solid. The reason is that current flowsÂ around the
> > > circumference of aÂ wire not thru the wire in its entirety. Fact is there
> > > will be more surface area in a piece of stranded then solid. Thought this
> > > might help you, good luck...Â 73' from Elkton,Md KB3IPN/Tom
>

26659. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:34:24 UTC
From: Cliff Bryant
Topic: 26460 Message: 26659

I never took a tech test either ;-)

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
D. F.
Sent: 03 July 2009 16:33
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

BULL! EVERYONE had to take the tech test.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
Behalf Of
oceanbiz01
Sent: Friday, July 03, 2009 10:20
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Never took the Tech Test. Went to Extra Class

Page 4.32 in ARRL Manual says:
"As the frequency increases, the current is confined to a thinner layer
of the conductor surface. This property is called skin effect." At DC
there is no frequency, therefore no skin effect.
Also see: http://en.wikipedia <http://en.wikipedia.org/wiki/Skin_effect>
..org/wiki/Skin_effect
The skin effect is the tendency of an alternating electric current (AC)
to distribute itself within a conductor so that the current density near
the surface of the conductor is greater than that at its core. That is,
the electric current tends to flow at the "skin" of the conductor. The
skin effect causes the effective resistance of the conductor to increase
with the frequency of the current. Skin effect is due to eddy currents
set up by the AC current.

Dan K3ZXL

[Non-text portions of this message have been removed]

26660. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:38:44 UTC
From: oceanbiz01
Topic: 26460 Message: 26660

When were you licensed? I was licensed as a novice in 1963, then General in 1964, then Advanced in a few years later then finally Extra. Where did it say in 1963 that I had to take a Tech test?
I also had to pass a code test. This is when tests were difficult and technical. Unlike today where anybody can pass the tests.
K3ZXL

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> BULL! EVERYONE had to take the tech test.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> oceanbiz01
> Sent: Friday, July 03, 2009 10:20
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
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> with the frequency of the current. Skin effect is due to eddy currents
> set up by the AC current.
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> Dan K3ZXL
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> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D. F."
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> > It was on the Tech test, if you remember!
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> > Dennis - N8BMB
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> > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
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> > K3ZXL Dan
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> > McGough <kb3ipn@> wrote:
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> > > Hi Ron,
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> > stranded wire then solid. The reason is that current flows around the
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> > > From: tenorman1952 <tenorman1952@>
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> > > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
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> > > --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
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> > > > Hi Ted,
> > > >
> > > > Thanks for your response.

> > > >
> > > > Yes, by 'voltage regulator' I meant a 'boost regulator'.
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> > > > The voltage differences are only during transmit.
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> > > > Thanks for the suggestion to measure the voltage at the battery
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> > > > Ron
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> [Non-text portions of this message have been removed]
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26661. Re: [FT897] Digest Number 3300-VOLTAGE

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:45:16 UTC
From: kc3vo@aol.com
Topic: 26661 Message: 26661

If you have an accurate 13.8 volt power source connected to your FT-897,
FT-817, or FT-857 and the radio display reads a DIFFERENT voltage, it is
possible/likely that you have improperly accessed the
"SECRET/SERVICE/ALIGNMENT" menu, and corrupted its values! This menu, as stated in the
YAESU service
manual, should NOT be accessed until 13.8 volts is applied! Using a
different voltage, such as 13.0, 14.2, or 12.8 volts, is not advised! This
13.8 volts is utilized as a standard/reference for the menu settings.
Re-aligning by following the YAESU service manual correctly, will remedy the
problem. If you do not have the proper equipment and skills, contact a
qualified person, or leave it alone!-73, KC3VO, Bob Curry
**********Make your summer sizzle with fast and easy recipes for the
grill. (http://food.aol.com/grilling?ncid=emlcntusfood00000005)

[Non-text portions of this message have been removed]

26662. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:50:32 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26662

Unless there have been rule changes of which I am unaware, the Tech test is required for the Extra license. You may have passed the test at the same time you passed the General and Extra tests, so you never had a Tech license.

I'm was not thinking about skin effect, which is due to eddy currents: that is limited to AC. I was thinking about Gaussian Surfaces, which apply even when there is no flow of any sort. However, it does appear that the resistance to DC current is strictly affected by cross-sectional area, and not surface area. Stranded wire gauges are set up so that a have the same cross-sectional area as a single solid wire of the same guage. I'll have to break out my physics book to see why the surface area doesn't seem matter.

73,
kg4jix - randy.

On Friday 03 July 2009 10:20:11 oceanbiz01 wrote:
> Never took the Tech Test. Went to Extra Class
>
> Page 4.32 in ARRL Manual says:
> "As the frequency increases, the current is confined to a thinner layer of
> the conductor surface. This property is called skin effect." At DC there
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> The skin effect is the tendency of an alternating electric current (AC) to
> distribute itself within a conductor so that the current density near the
> surface of the conductor is greater than that at its core. That is, the
> electric current tends to flow at the "skin" of the conductor. The skin
> effect causes the effective resistance of the conductor to increase with
> the frequency of the current. Skin effect is due to eddy currents set up by
> the AC current.
>
> Dan K3ZXL

26663. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 15:58:21 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26663

My apologies.

It appears that I should have slept last night or kept my mouth shut today;
probably both.

73,
kg4jix - randy.

On Friday 03 July 2009 10:38:44 oceanbiz01 wrote:
> When were you licensed? I was licensed as a novice in 1963, then General in
> 1964, then Advanced in a few years later then finally Extra. Where did it
> say in 1963 that I had to take a Tech test? I also had to pass a code test.
> This is when tests were difficult and technical. Unlike today where anybody
> can pass the tests. K3ZXL
>

26664. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 17:17:06 UTC
From: Tom Wilson
Topic: 26460 Message: 26664

Skin effect only occurs in AC circuits. In fact, if I remember correctly, House wiring and Dc wiring can carry more current on a solid wire than a stranded cable. But above 60 Hz, you definitely need stranded wire.

Either way, #10 stranded should work just fine. That's what comes with the radio. Make sure that all 4 pins on the power plug are good and keep your power lead as short as possible.

Sent from my iPhone

On Jul 3, 2009, at 8:04 AM, "D. F." <n8bmb1@...> wrote:

>
>
> It was on the Tech test, if you remember!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf
> Of
> oceanbiz01
> Sent: Friday, July 03, 2009 09:46
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
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> I thought that was only true for RF, not DC.
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> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, Thomas
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> circumference of a wire not thru the wire in its entirety.
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> > From: tenorman1952 <tenorman1952@...>
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> > > Thanks for your response.
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> > > Thanks again for your suggestions, they were a big help.
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> > > Ron
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> part I operated from a Husky Power Center, one of those boxes with
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> > I don't know what size gel cell is inside, but my FT-897 did not cut
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> > I have a West Mountain 4008 power strip now, and it has overvoltage

> and low voltage indication.
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

26665. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 17:52:39 UTC
From: DALE BLANCHARD
Topic: 26460 Message: 26665

Here are the frequency and power rating for wire sizes.
http://www.powerstream.com/Wire_Size.htm
Dale

----- Original Message -----
From: "Tom Wilson" <wilsontp@...>
To: FT8or wire97@yahoogroups.com
Sent: Friday, July 3, 2009 10:17:06 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Skin effect only occurs in AC circuits. In fact, if I remember
correctly, House wiring and Dc wiring can carry more current on a
solid wire than a stranded cable. But above 60 Hz, you definitely need
stranded wire.

Either way, #10 stranded should work just fine. That's what comes with
the radio. Make sure that all 4 pins on the power plug are good and
keep your power lead as short as possible.

[Non-text portions of this message have been removed]

26666. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 20:53:16 UTC
From: Lew Phelps K6LMP
Topic: 26460 Message: 26666

Ummm, wrong. You can go straight to general, or straight to extra.
Some people choose to do so.

There's no requirement to take the tests in successsion. If you go
straight to the Extra Class exam without holding any license,
you must take and pass the Element 2 and Element 3 written tests
(which are the same tests administered to Tech and General Glass
applicants,
respectively. So you have to pass the written tests that are given to
Tech and General Class applicants, but you can do it all in one session.

Reference:

http://www.arrl.org/arrlvec/license-requirements.html

which says in part:
" Non-licensed individuals must pass Element 2, Element 3 and Element
4 Written Exams to earn an Extra License."

Lew K6LMP

On Jul 3, 2009, at 8:32 AM, D. F. wrote:

>
> BULL! EVERYONE had to take the tech test.
>
> Dennis - N8BMB

[Non-text portions of this message have been removed]

26667. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 22:54:16 UTC
From: P Grant
Topic: 26460 Message: 26667

Hello Dale

I had a look through the cable chart you posted the link to !

I'd just like to say that "metric" wire and cable for electrical circuits is designated NOT as "diameter",,, but as "cross section area",,, eg.
0.5
0.75
1.0
1.5 *
2.5 *
4.0 *
6.0 *
10.0
14.0
20.0
These are "square millimetre cross section"
and are the "standard sizes" for all electrical cables.
The above sizes are standard, as solid, and also as "multistrand"
The cables marked above *,, are 1.5 = household lighting ,,2.5 = power sockets, 4.0 = domestic oven [4 KW]? distance ??; 6.0 = shower (7.5KW); 10.0 = minimum size domestic main earth connection (unbroken) 14, and 16 mostly in industrial 3 phase.
funny thing in 3 phase wiring cable, 4 or 5 cores,,,P1,P2,P3, are say 2.5,,, earth and neutral are 1.5,,, strange.
cheers ____ Peter EI4HX [retired]

----- Original Message -----
From: DALE BLANCHARD
To: FT897@yahoogroups.com
Sent: Friday, July 03, 2009 5:52 PM
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Here are the frequency and power rating for wire sizes.
http://www.powerstream.com/Wire_Size.htm
Dale

----- Original Message -----
From: "Tom Wilson" <wilsontp@...>
To: FT8or wire97@yahoogroups.com
Sent: Friday, July 3, 2009 10:17:06 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Skin effect only occurs in AC circuits. In fact, if I remember
correctly, House wiring and Dc wiring can carry more current on a
solid wire than a stranded cable. But above 60 Hz, you definitely need
stranded wire.

Either way, #10 stranded should work just fine. That's what comes with the radio. Make sure that all 4 pins on the power plug are good and keep your power lead as short as possible.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26668. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 21:59:13 UTC
From: D. F.
Topic: 26460 Message: 26668

In long form, you said the same thing I did. EVERYONE in this hobby started out WITHOUT a license. Therefore, you HAD to take the Tech (or element 2) exam. No way around it. Now, I suppose that, depending where you go and who administers the exams, you COULD skip an exam (example: pass tech and REQUEST to take extra), however, I know of NO VE that would allow you to do so. If you pass the tech, they'll offer the next grade up. Pass the general, then they'll offer the extra.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lew Phelps K6LMP
Sent: Friday, July 03, 2009 15:53
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Ummm, wrong. You can go straight to general, or straight to extra. Some people choose to do so.

There's no requirement to take the tests in successsion. If you go straight to the Extra Class exam without holding any license, you must take and pass the Element 2 and Element 3 written tests (which are the same tests administered to Tech and General Glass applicants,
respectively. So you have to pass the written tests that are given to Tech and General Class applicants, but you can do it all in one session.

Reference:

http://www.arrl. <http://www.arrl.org/arrlvec/license-requirements.html> org/arrlvec/license-requirements.html

which says in part:
" Non-licensed individuals must pass Element 2, Element 3 and Element 4 Written Exams to earn an Extra License."

Lew K6LMP

On Jul 3, 2009, at 8:32 AM, D. F. wrote:

>
> BULL! EVERYONE had to take the tech test.
>
> Dennis - N8BMB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26669. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 22:17:20 UTC
From: Harold Burton
Topic: 26460 Message: 26669

My kid (he just turned 50) visited us at Easter and asked me to arrange a test session for him with my
local Ham club. I did and he passed both the Tech and General exams. His first license will be at the General level. They let him take the Extra as well but he said that one was too tough for him. Having my boy advance to my level motivated me to work on the Extra test and I managed to pass it early in June. I will have held licenses at all three stages and actually passed a code test to get my General
upgrade. I'm taking that to give me bragging points over the newest Hams.(G)

Harold
KD5SAK

----- Original Message -----
From: "D. F." <n8bmb1@...>
To: <FT897@yahoogroups.com>
Sent: Friday, July 03, 2009 4:59 PM
Subject: RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

> In long form, you said the same thing I did. EVERYONE in this hobby
> started out WITHOUT a license. Therefore, you HAD to take the Tech (or
> element 2) exam. No way around it. Now, I suppose that, depending
> where you go and who administers the exams, you COULD skip an exam
> (example: pass tech and REQUEST to take extra), however, I know of NO VE
> that would allow you to do so. If you pass the tech, they'll offer the
> next grade up. Pass the general, then they'll offer the extra.
>
> Dennis - N8BMB

26670. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 22:24:09 UTC
From: oceanbiz01
Topic: 26460 Message: 26670

His LONGFORM reply might be in agreement with you on the testing requirements at present, but is not applicable for those of us who were licensed in 1963. So, it is important to be more specific about when the original test was administered. I looked up your call sign and I see that you are a relatively new ham, 2003 as a Technician. So, that explains why you do not understand that not all hams took the Tech exam.
When I was licensed, there was a tech exam, but it was only for people who wanted to get on VHF and there was a 5 WPM code test. If you wanted to get on HF, you tested for Novice, then General, then Advanced , then Extra. Period!

And, by the way, I have my original ARRL study guide from back then, and it did not discuss skin effect. It discussed much more technical issues such as "Draw a Pierce Oscillator" Or "Draw a Class C Amplifier", or "Draw a neutralizing circuit for an amplifier".
In today's testing, the only thing you have to draw is your name on the application form..

K3ZXL

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> In long form, you said the same thing I did. EVERYONE in this hobby
> started out WITHOUT a license. Therefore, you HAD to take the Tech (or
> element 2) exam. No way around it. Now, I suppose that, depending
> where you go and who administers the exams, you COULD skip an exam
> (example: pass tech and REQUEST to take extra), however, I know of NO VE
> that would allow you to do so. If you pass the tech, they'll offer the
> next grade up. Pass the general, then they'll offer the extra.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Lew Phelps K6LMP
> Sent: Friday, July 03, 2009 15:53
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
>
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>
>
> Ummm, wrong. You can go straight to general, or straight to extra.
> Some people choose to do so.
>
> There's no requirement to take the tests in successsion. If you go
> straight to the Extra Class exam without holding any license,
> you must take and pass the Element 2 and Element 3 written tests
> (which are the same tests administered to Tech and General Glass

> applicants,
> respectively. So you have to pass the written tests that are given to
> Tech and General Class applicants, but you can do it all in one session.
>
> Reference:
>
> http://www.arrl. <http://www.arrl.org/arrlvec/license-requirements.html>
> org/arrlvec/license-requirements.html
>
> which says in part:
> " Non-licensed individuals must pass Element 2, Element 3 and Element
> 4 Written Exams to earn an Extra License."
>
> Lew K6LMP
>
> On Jul 3, 2009, at 8:32 AM, D. F. wrote:
>
> >
> > BULL! EVERYONE had to take the tech test.
> >
> > Dennis - N8BMB
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>

26671. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 22:55:43 UTC
From: Larry D. Barr, K5WLF
Topic: 26460 Message: 26671

When I was first licensed in '66, I took my Novice and my Tech at the same sitting. There was (as you said) a 5 WPM code test for the Tech and the written exam was the same as the General, IIRC. Only difference between the two classes was the code speed and the privileges. At least that's the way I remember it, lo' these many years later.

73,
ldb
K5WLF

oceanbiz01 wrote:
> <snip>

> When I was licensed, there was a tech exam, but it was
> only for people who wanted to get on VHF and there was a 5 WPM code
> test. If you wanted to get on HF, you tested for Novice, then
> General, then Advanced , then Extra. Period!
>
> <snip>
>
> K3ZXL

26672. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-03 23:52:16 UTC
From: DALE BLANCHARD
Topic: 26460 Message: 26672

----- Original Message -----
From: "oceanbiz01" <dan-schaaf@...>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 3:24:09 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

His LONGFORM reply might be in agreement with you on the testing requirements at present, but is not applicable for those of us who were licensed in 1963. So, it is important to be more specific about when the original test was administered. I looked up your call sign and I see that you are a relatively new ham, 2003 as a Technician. So, that explains why you do not understand that not all hams took the Tech exam.
When I was licensed, there was a tech exam, but it was only for people who wanted to get on VHF and there was a 5 WPM code test. If you wanted to get on HF, you tested for Novice, then General, then Advanced , then Extra. Period!

The Tech and General written exam was the same. Only the code requirement was different .

The operating privileges were different.

If you sat for a live FCC exam and flunked the 13 wpm and passed the 5 wpm you got the tech license.

Dale

·–’–––

[Non-text portions of this message have been removed]

26673. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:18:26 UTC
From: oceanbiz01
Topic: 26460 Message: 26673

Well, it appears that you have done some research and maybe even asked a few old-timers in order to be able to send this reply, but as I said before, I was never a Tech, never tested to be a tech and never wanted to be a tech. Being a Tech was a stigma and in some circles, still is a stigma.
There was a great deal of pride in passing the exams and passing the 13 and 20 WPM code test. A pride that those who remained as Techs never enjoyed. Why, because we had to pass rigorous technical tests and the code. And we had to be a novice for 1 year before we could move up the ladder to General. This was a requirement in order for us to build proficiency in ALL aspects of the hobby. Code proficiency, courtesy, technical advancement, adhering to very limited power and band limits, etc. We had to pay our dues. It also helped to weed out the CBers from getting into the hobby unless they were really motivated.. And it gave us the privelege to work unlimited DX on HF.

That being said, the Skin Effect concept was not on my tests. And that is the original point in this conversation. If it was in the pool of test questions, I never saw it. Maybe some other applicant saw that question, but not I.
The second and most important point is that skin effect only applies to AC, not DC.

Now, since this conversation does not directly relate, any longer, to the FT897, I am ending my contributions to this thread.

K3ZXL

--- In FT897@yahoogroups.com, DALE BLANCHARD <wa7ixk@...> wrote:
>
>
> ----- Original Message -----
> From: "oceanbiz01" <dan-schaaf@...>
> To: FT897@yahoogroups.com
> Sent: Friday, July 3, 2009 3:24:09 PM GMT -08:00 US/Canada Pacific
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
>
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>
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>
> His LONGFORM reply might be in agreement with you on the testing requirements at present, but is not applicable for those of us who were licensed in 1963. So, it is important to be more specific about when the original test was administered. I looked up your call sign and I see that you are a relatively new ham, 2003 as a Technician. So, that explains why you do not understand that not all hams took the Tech exam.
> When I was licensed, there was a tech exam, but it was only for people who wanted to get on VHF and there was a 5 WPM code test. If you wanted to get on HF, you tested for Novice,

then General, then Advanced , then Extra. Period!
>
>
>
>
> The Tech and General written exam was the same. Only the code requirement was different .
>
> The operating privileges were different.
>
> If you sat for a live FCC exam and flunked the 13 wpm and passed the 5 wpm you got the tech license.
>
> Dale
>
>
>
>
> ·–’–––
>
> [Non-text portions of this message have been removed]
>

26674. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:31:15 UTC
From: D. F.
Topic: 26460 Message: 26674

Ok, you are correct that I was licensed in 2002 (actually Nov 2002). However, if you would have noticed, I currently hold a general ticket. To boot, (it is not stated), I am also a VE. Anyway, you would be correct that I have "little" knowledge of testing requirements back then. I Do know other hams that have had their ticket just as long (some longer) as you have, so I do have "some" knowledge of what it used to be like. But, I digress, that doesn't take away from the fact that you had to start "at the bottom" and work your way up. I do find it interesting that "skin effect" was not covered.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DALE BLANCHARD
Sent: Friday, July 03, 2009 18:52
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

----- Original Message -----
From: "oceanbiz01" <dan-schaaf@att. <mailto:dan-schaaf%40att.net> net>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Friday, July 3, 2009 3:24:09 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

His LONGFORM reply might be in agreement with you on the testing requirements at present, but is not applicable for those of us who were licensed in 1963. So, it is important to be more specific about when the original test was administered. I looked up your call sign and I see that you are a relatively new ham, 2003 as a Technician. So, that explains why you do not understand that not all hams took the Tech exam.

When I was licensed, there was a tech exam, but it was only for people who wanted to get on VHF and there was a 5 WPM code test. If you wanted to get on HF, you tested for Novice, then General, then Advanced , then Extra. Period!

The Tech and General written exam was the same. Only the code requirement was different .

The operating privileges were different.

If you sat for a live FCC exam and flunked the 13 wpm and passed the 5 wpm you got the tech license.

Dale

..-'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26675. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:33:32 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26675

American wire gauge sizes also specify the cross-sectional area. A stranded wire that is the same gauge as a solid one will have a large outside diameter, due the the empty spaces. One should be careful using the markings on wire strippers because they generally refer to solid sizes: it's easy to nick stranded conductors with them.

73,
kg4jix - randy.

On Friday 03 July 2009 17:54:16 P Grant wrote:
> Hello Dale
>
> I had a look through the cable chart you posted the link to !
>
> I'd just like to say that "metric" wire and cable for electrical circuits
> is designated NOT as "diameter",,, but as "cross section area",,, eg. 0.5
> 0.75
> 1.0
> 1.5 *
> 2.5 *
> 4.0 *
> 6.0 *
> 10.0
> 14.0
> 20.0
> These are "square millimetre cross section"
> and are the "standard sizes" for all electrical cables.
> The above sizes are standard, as solid, and also as "multistrand"
> The cables marked above *,, are 1.5 = household lighting ,,2.5 = power
> sockets, 4.0 = domestic oven [4 KW]? distance ??; 6.0 = shower (7.5KW);
> 10.0 = minimum size domestic main earth connection (unbroken) 14, and 16
> mostly in industrial 3 phase. funny thing in 3 phase wiring cable, 4 or 5
> cores,,,P1,P2,P3, are say 2.5,,, earth and neutral are 1.5,,, strange.
> cheers ____ Peter EI4HX [retired]
>

26676. RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:46:07 UTC
From: John Johnson
Topic: 26460 Message: 26676

Why has this thread become about battering a guy because of a minor flaw in his knowledge of historic test syllabi rather than worrying about the one who stated blatantly incorrectly that the skin effect is significant at 60Hz? It's not helping the original poster and probably giving him a bad impression of us in general.

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D. F.
Sent: 04 July 2009 01:31
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Ok, you are correct that I was licensed in 2002 (actually Nov 2002). However, if you would have noticed, I currently hold a general ticket. To boot, (it is not stated), I am also a VE. Anyway, you would be correct that I have "little" knowledge of testing requirements back then. I Do know other hams that have had their ticket just as long (some longer) as you have, so I do have "some" knowledge of what it used to be like. But, I digress, that doesn't take away from the fact that you had to start "at the bottom" and work your way up. I do find it interesting that "skin effect" was not covered.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of
DALE BLANCHARD
Sent: Friday, July 03, 2009 18:52
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

----- Original Message -----
From: "oceanbiz01" <dan-schaaf@att. <mailto:dan-schaaf%40att.net> net>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Friday, July 3, 2009 3:24:09 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

His LONGFORM reply might be in agreement with you on the testing requirements at present, but is not applicable for those of us who were licensed in 1963. So, it is important to be more specific about when the original test was administered. I looked up your call sign and I see

that you are a relatively new ham, 2003 as a Technician. So, that explains why you do not understand that not all hams took the Tech exam.

When I was licensed, there was a tech exam, but it was only for people who wanted to get on VHF and there was a 5 WPM code test. If you wanted to get on HF, you tested for Novice, then General, then Advanced , then Extra. Period!

The Tech and General written exam was the same. Only the code requirement was different .

The operating privileges were different.

If you sat for a live FCC exam and flunked the 13 wpm and passed the 5 wpm you got the tech license.

Dale

··–'–––

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26677. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:48:11 UTC
From: John Dennett
Topic: 26460 Message: 26677

And as a VE, I have seen it happen!

73
N1XHZ
John

On Fri, Jul 3, 2009 at 4:53 PM, Lew Phelps K6LMP<k6lmp@...> wrote:
>
>
> Ummm, wrong. You can go straight to general, or straight to extra.
> Some people choose to do so.
>
> There's no requirement to take the tests in successsion. If you go
> straight to the Extra Class exam without holding any license,
> you must take and pass the Element 2 and Element 3 written tests
> (which are the same tests administered to Tech and General Glass
> applicants,
> respectively. So you have to pass the written tests that are given to
> Tech and General Class applicants, but you can do it all in one session.
>
> Reference:
>
> http://www.arrl.org/arrlvec/license-requirements.html
>
> which says in part:
> " Non-licensed individuals must pass Element 2, Element 3 and Element
> 4 Written Exams to earn an Extra License."
>
> Lew K6LMP
>
> On Jul 3, 2009, at 8:32 AM, D. F. wrote:
>
>>
>> BULL! EVERYONE had to take the tech test.
>>
>> Dennis - N8BMB
>
> [Non-text portions of this message have been removed]
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

26678. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 02:44:21 UTC
From: Odessa Spikes
Topic: 26460 Message: 26678

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

[Non-text portions of this message have been removed]

26679. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 03:10:57 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26679

OK, I'm confused. This posting normally comes from the yahoo system about once a month. This post doesn't seem that way. Also, the return address is not the one usually used by Barry - W4WB, the Moderator, but it has his signature at the end. Also, the subject of the message is not the one that normally used, but another active thread.

So, is this really from Barry? Has he asked somebody to post it for him? Is somebody impersonating him? Is it supposed to be some kind of not-so-subtile hint that he isn't performing his moderation functions well? <I believe he does a very good job of it.>

If one believes that a thread should be killed by the moderator, they can send a personal email to him without posting it to this group, further adding to a thread that you believe should be killed.

By the way, if this isn't from Barry or the system, then one could view it as violating guidelines one through four.

73,
kg4jix - randy.

On Friday 03 July 2009 21:44:21 Odessa Spikes wrote:
> The FT897 Group averages around 320 (+/-100 one-sigma) messages
> per month. Because the volume of messages is rather large, I would
> like to remind everyone of a few long-standing FT897 guidelines to
> follow. Most of you do so already.
>
> 1. Civility. (This is practiced well by our members!)
>
> 2. Please sign your messages with name and call sign, e.g.,
> Fred - W1XYZ.
>
> 3. When replying to a posting (message), kindly delete all
> unnecessary text including the trailing text. Only leave the text
> from the prior message to which you are replying ... <snip> the
> rest. If one desires to read the entire thread, the command [Up
> Thread] at the top of the message can be used to read the entire
> discussion. Remember also that a lot of members have slow
> connections and some even pay connect time or characters rx/tx. This
> also helps the clarity of your message.
>
> 4. When replying to a post, please decide if your comment should be
> to the entire group of over 4,300 or directly to the author of the
> post. When you click on "Reply," it goes to everyone. To reply
> direct (simplex), you should click on the email address following the
> user ID line at the top of the post. Notice that only a part is

> shown for privacy. Also, please think about if what you are about to
> post in reply to the group really should be to the group ... replies
> like "I sure do agree with that" doesn't add much to the group. Send
> thoughts like those direct to the poster please.

<snip>

>
> Thanks to all es 73,
> Barry - W4WB
> Moderator
>
>
>
> [Non-text portions of this message have been removed]

26680. Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 03:38:30 UTC
From: tenorman1952
Topic: 26460 Message: 26680

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> Ummm, wrong. You can go straight to general, or straight to extra.
> Some people choose to do so.
>
> There's no requirement to take the tests in successsion. If you go
> straight to the Extra Class exam without holding any license,
> you must take and pass the Element 2 and Element 3 written tests
> (which are the same tests administered to Tech and General Glass
> applicants,
> respectively. So you have to pass the written tests that are given to
> Tech and General Class applicants, but you can do it all in one session.
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> Reference:
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> http://www.arrl.org/arrlvec/license-requirements.html
>
> which says in part:
> " Non-licensed individuals must pass Element 2, Element 3 and Element
> 4 Written Exams to earn an Extra License."
>
> Lew K6LMP

Which is what I did. I showed up at a hamfest last October and signed in at the front door. The guy said, "You forgot to put your call sign here," tapping on a blank on the sheet.

"Oh, that's because I don't have a call sign. I came to take the tests," I replied.

"Tests?" He picked up on that. "Which tests are you going to take."

"I intend to take all of them."

He smiled and nodded.

I did take them all, and walked out of the test room 45 minutes later having passed all three tests.

Lew is right, I did exactly that, took Elements 2, 3, and 4, but had to pass each in turn before being given the next.

OK, I didn't start from scratch, nor did I "memorize" the answers to the tests. I've been playing with soldering irons since I was a little kid. Most of it was easy, I just had to learn some rules and regs. I'll admit that I don't know diddley about tubes except that my brother has them in his guitar amp. But I've been servicing stereo gear, building my own speaker designs, hotrodding FM tuners, building antennas for AM, FM, and even WiFi, for many years.

No, I don't know CW. You guys can beat me up over that, but I have had some hams tell me, "Eliminating the code requirement is the worst thing they've ever done (yada yada yada)." Then almost in the same breath, "I used to be able to do 40 wpm. I doubt I can do 10 wpm now, I'm out of practice. I haven't done any CW in years."

So, fast fwd a few weeks, and I'm at the local ham club meeting, which was also the end of year dinner at a local greasy spoon, I mean, diner. It's time to pay the yearly dues, and for me to write a check for dues to join.

As I'm about to start writing the check I pause, look around the table and ask, "Hey, just wondering... is 'the Bandit' taken? I've always wanted that for a handle."

The club president choked, and the guy sitting across from me sprayed ice tea.

Just kidding. I promise to not say "Breaker, Breaker!" on the ham bands.

Gee, I love being a ham!

Paul
AE5JU

26681. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 03:39:41 UTC
From: Odessa Spikes
Topic: 26460 Message: 26681

I apologize for not leaving my name and call sign. I hit the send too soon, that was my fault.
This was not meant to be an impersonation or about Barry. He runs a tight ship here!
My concern was how quickly this thred derailed. I opened a few posts in my in-box expecting info about batteries for my 897d, and I get a lecture on licences. Lets keep our eye on the prize.
I did not mean to upset or confuse anybody.
Jeff
KD5QDO
EL39bw

From: Randy Charles Ford <kg4jix@arrl.net>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 10:10:57 PM
Subject: Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

OK, I'm confused. This posting normally comes from the yahoo system about
once a month. This post doesn't seem that way. Also, the return address is
not the one usually used by Barry - W4WB, the Moderator, but it has his
signature at the end. Also, the subject of the message is not the one that
normally used, but another active thread.

So, is this really from Barry? Has he asked somebody to post it for him? Is
somebody impersonating him? Is it supposed to be some kind of not-so-subtile
hint that he isn't performing his moderation functions well? <I believe he
does a very good job of it.>

If one believes that a thread should be killed by the moderator, they can send
a personal email to him without posting it to this group, further adding to a
thread that you believe should be killed.

By the way, if this isn't from Barry or the system, then one could view it as
violating guidelines one through four.

73,
kg4jix - randy.

On Friday 03 July 2009 21:44:21 Odessa Spikes wrote:
> The FT897 Group averages around 320 (+/-100 one-sigma) messages
> per month. Because the volume of messages is rather large, I would
> like to remind everyone of a few long-standing FT897 guidelines to
> follow. Most of you do so already.
>
> 1. Civility. (This is practiced well by our members!)
>
> 2. Please sign your messages with name and call sign, e.g.,

> Fred - W1XYZ.
>
> 3. When replying to a posting (message), kindly delete all
> unnecessary text including the trailing text. Only leave the text
> from the prior message to which you are replying ... <snip> the
> rest. If one desires to read the entire thread, the command [Up
> Thread] at the top of the message can be used to read the entire
> discussion. Remember also that a lot of members have slow
> connections and some even pay connect time or characters rx/tx. This
> also helps the clarity of your message.
>
> 4. When replying to a post, please decide if your comment should be
> to the entire group of over 4,300 or directly to the author of the
> post. When you click on "Reply," it goes to everyone. To reply
> direct (simplex), you should click on the email address following the
> user ID line at the top of the post. Notice that only a part is
> shown for privacy. Also, please think about if what you are about to
> post in reply to the group really should be to the group ... replies
> like "I sure do agree with that" doesn't add much to the group. Send
> thoughts like those direct to the poster please.

<snip>

>
> Thanks to all es 73,
> Barry - W4WB
> Moderator
>
>
>
> [Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26682. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 03:48:36 UTC
From: Randy Charles Ford
Topic: 26460 Message: 26682

Jeff,

Thanks, I appreciate your clearing that up.

73,
kg4jix - randy.

On Friday 03 July 2009 22:39:41 Odessa Spikes wrote:
> I apologize for not leaving my name and call sign. I hit the send too
> soon, that was my fault. This was not meant to be an impersonation or about
> Barry. He runs a tight ship here! My concern was how quickly this thred
> derailed. I opened a few posts in my in-box expecting info about batteries
> for my 897d, and I get a lecture on licences. Lets keep our eye on the
> prize. I did not mean to upset or confuse anybody.
> Jeff
> KD5QDO
> EL39bw

26683. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 12:34:06 UTC
From: Jim C
Topic: 26460 Message: 26683

you are correct

oceanbiz01 wrote:
>
>
> I thought that was only true for RF, not DC.
>
> K3ZXL Dan
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, Thomas
> McGough <kb3ipn@...> wrote:
> >
> > Hi Ron,
> > Just for your info, you will have less voltage drop across
> stranded wire then solid. The reason is that current flows around the
> circumference of a wire not thru the wire in its entirety.
> > Fact is there will be more surface area in a piece of stranded then
> solid. Thought this might help you, good luck... 73' from Elkton,Md
> > KB3IPN/Tom
> >
> >
> >
> >
> > _____
> > From: tenorman1952 <tenorman1952@...>
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Sent: Friday, July 3, 2009 8:14:45 AM
> > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
> >
> >
> >
> >
> >
> >
> > --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
> > >
> > > Hi Ted,
> > >
> > > Thanks for your response.
> > >
> > > Yes, by 'voltage regulator' I meant a 'boost regulator'.
> > >
> > > The voltage differences are only during transmit.
> > >
> > > Thanks for the suggestion to measure the voltage at the battery
> while transmitting,

> > > that shows that there is a voltage drop between the battery and
> the radio. The
> > > battery is about 0.6v above the radio, so there is a large voltage
> drop across my
> > > cable. I'm going to look into using bigger wire in the cable, and
> maybe solid vs
> > > stranded.
> > >
> > > And after I checked my radio setup again I found that I didn't
> have things quite right.
> > >
> > > Thanks again for your suggestions, they were a big help.
> > >
> > > 73's,
> > >
> > > Ron
> >
> > Early last year for a little unofficial Field Day our club held in
> the part I operated from a Husky Power Center, one of those boxes with
> jumper cables, air pump, AC inverter, cappucino machine, etc.
> >
> > I don't know what size gel cell is inside, but my FT-897 did not cut
> out, continued to operate as low as 11.3 v on transmit.
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> > I have a West Mountain 4008 power strip now, and it has overvoltage
> and low voltage indication.
> >
> > Paul
> > AE5JU
> >
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> >
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> >
> > [Non-text portions of this message have been removed]
> >
>
>

26684. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 12:36:14 UTC
From: Jim C
Topic: 26460 Message: 26684

The phenomena is called skin effect. the higher the frequency the more pronounced it is.

oceanbiz01 wrote:
>
>
> Never took the Tech Test. Went to Extra Class
>
> Page 4.32 in ARRL Manual says:
> "As the frequency increases, the current is confined to a thinner
> layer of the conductor surface. This property is called skin effect."
> At DC there is no frequency, therefore no skin effect.
> Also see: http://en.wikipedia.org/wiki/Skin_effect
> <http://en.wikipedia.org/wiki/Skin_effect>
> The skin effect is the tendency of an alternating electric current
> (AC) to distribute itself within a conductor so that the current
> density near the surface of the conductor is greater than that at its
> core. That is, the electric current tends to flow at the "skin" of the
> conductor. The skin effect causes the effective resistance of the
> conductor to increase with the frequency of the current. Skin effect
> is due to eddy currents set up by the AC current.
>
> Dan K3ZXL
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>, "D. F."
> <n8bmb1@...> wrote:
> >
> > It was on the Tech test, if you remember!
> >
> > Dennis - N8BMB
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> > oceanbiz01
> > Sent: Friday, July 03, 2009 09:46
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
> >
> >
> >
> >
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> >
> > I thought that was only true for RF, not DC.

> >
> > K3ZXL Dan
> >
> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, Thomas
> > McGough <kb3ipn@> wrote:
> > >
> > > Hi Ron,
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> > stranded wire then solid. The reason is that current flows around the
> > circumference of a wire not thru the wire in its entirety.
> > > Fact is there will be more surface area in a piece of stranded then
> > solid. Thought this might help you, good luck... 73' from Elkton,Md
> > > KB3IPN/Tom
> > >
> > >
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> > >
> > > _____
> > > From: tenorman1952 <tenorman1952@>
> > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > > Sent: Friday, July 3, 2009 8:14:45 AM
> > > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
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> > >
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> > >
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> > > --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@> wrote:
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> > > > Hi Ted,
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> > > > Thanks for your response.
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> > > > Yes, by 'voltage regulator' I meant a 'boost regulator'.
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> > > > The voltage differences are only during transmit.
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> > > > And after I checked my radio setup again I found that I didn't have
> > things quite right.
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> > > > Thanks again for your suggestions, they were a big help.
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> > > > 73's,
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> > > > Ron
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> > > Early last year for a little unofficial Field Day our club held in the
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> > jumper cables, air pump, AC inverter, cappucino machine, etc.
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> > > AE5JU
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> > > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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>

26685. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 12:37:52 UTC
From: Jim C
Topic: 26460 Message: 26685

I never did. I took the Novice, then the advanced, then the Extra. I
did miss one question on the Extra exam

D. F. wrote:
>
>
> BULL! EVERYONE had to take the tech test.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> oceanbiz01
> Sent: Friday, July 03, 2009 10:20
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897
>
>
> Never took the Tech Test. Went to Extra Class
>
> Page 4.32 in ARRL Manual says:
> "As the frequency increases, the current is confined to a thinner layer
> of the conductor surface. This property is called skin effect." At DC
> there is no frequency, therefore no skin effect.
> Also see: http://en.wikipedia
> <http://en.wikipedia.org/wiki/Skin_effect
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> ..org/wiki/Skin_effect
> The skin effect is the tendency of an alternating electric current (AC)
> to distribute itself within a conductor so that the current density near
> the surface of the conductor is greater than that at its core. That is,
> the electric current tends to flow at the "skin" of the conductor. The
> skin effect causes the effective resistance of the conductor to increase
> with the frequency of the current. Skin effect is due to eddy currents
> set up by the AC current.
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> Dan K3ZXL
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> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D. F."
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> > > From: tenorman1952 <tenorman1952@>
> > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
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> > > Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>
>

26686. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 12:39:59 UTC
From: Jim C
Topic: 26460 Message: 26686

I might add that the symbols for transistors and diodes, the arrows point in the direction of hole flow.

AC8DO

oceanbiz01 wrote:
>
>
> Holes (the opposite of electrons) are also hetro-oriented. Why do
> they not also go to the skin of the conductor instead of the
> electrons? Which one gets to decide who is on the skin and who is in
> the center. There is also the Hole Theory which says that holes move
> in the opposite direction from electrons. It is called Hole Flow. This
> is an A.C. phenomenon.
>
> Dan K3ZXL
>

26687. ELECTRON FLOW ?? "OFF TOPIC"

Yahoo group: FT897 (2009)
Date: 2009-07-04 15:20:32 UTC
From: P Grant
Topic: 26687 Message: 26687

For no particular reason, not included in "the exam" ??
and NOT a discussion thread !

1) consider the movement of electrons in an electrolytic capacitor.

2) consider the burning away of the electrode in an electric arc welder

3) consider electron flow in electrolyses, using carbon rods. liberation of gasses.

4) Ditto, electroplating, using "metal" electrodes, migration of "particles"

5) Charging secondary cells.... growing crystals ...

6) Leyclanche cell,,, (primary cell)

Amazing stuff !!!

If one can observe and understand these simple phenomena, the
electron flow, in "solid state " devices is easily determined and remembered !

These items were part of my first year [Physics 1], secondary school
curriculum, @ 13 years old, and I certainly would not have understood, my
second year stuff, without this basic knowledge. (1960)
I find these a great hands on demonstration for "New Hams" in the learning the basics of
"eleck-tricks for radio"
Regards Peter __________ EI4HX

ei4hxperimental@...

.

[Non-text portions of this message have been removed]

26688. Re: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-04 19:05:42 UTC
From: DALE BLANCHARD
Topic: 26460 Message: 26688

----- Original Message -----
From: "John Johnson" <g6vzm@...>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 5:46:07 PM GMT -08:00 US/Canada Pacific
Subject: RE: [FT897] Re: batteries-12 volt, 6 cell, lead-acid vs FT-897

Why has this thread become about battering a guy because of a minor flaw in
his knowledge of historic test syllabi rather than worrying about the one
who stated blatantly incorrectly that the skin effect is significant at
60Hz? It's not helping the original poster and probably giving him a bad
impression of us in general.

JJ

The first to respond to a question are those who know the least about it and do not understand the technology.

They just heard it some place and it may not be correct .

Most do not have any formal electronics schooling and do not understand theory of anything.

They just repeat what they have heard with out thinking about it.

This is true on most lists I am on.

I read them mostly for entertainment . .

There are a lot more list more entertaining than this one .

Dale

–'---

[Non-text portions of this message have been removed]

26689. ameritron amp

Yahoo group: FT897 (2009)
Date: 2009-07-04 20:24:11 UTC
From: Thomas Meggison
Topic: 26689 Message: 26689

Good evening all, I just acquired an AMERITRON AL-80B AMPLIFIER & a Palstar AT1500DT antenna tuner. Now being a fairly new ham, and this being my first amplifier I would like to know what cables are needed to connect the FT 897D to the Ameritron Amp. I know I need coax, but is there special cables needed and where can I get them. Learning to tune the amp and the antenna tuner is next after I hook everything up. But first I need to hook it up. Any help would be greatly appreciated.
73
Tom
KC2ULD

26690. RE: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-05 00:47:59 UTC
From: Eric van de Weyer
Topic: 26460 Message: 26690

HI Ron,

That does not apply to DC, only AC and specifically more so as the frequency increases.

At DC you need the lowest possible resistance and therefore the greatest cross section area. Only reason to use stranded over solid conductors at DC is for flexibility.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Thomas McGough
Sent: Saturday, 4 July 2009 00:42
To: FT897@yahoogroups.com
Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Hi Ron,
    Just for your info, you will have less voltage drop across stranded wire then solid. The reason is that current flows around the circumference of a wire not thru the wire in its entirety.
Fact is there will be more surface area in a piece of stranded then solid.
Thought this might help you, good luck... 73' from Elkton,Md
KB3IPN/Tom

From: tenorman1952 <tenorman1952@...>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 8:14:45 AM
Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

--- In FT897@yahoogroups. com, Ron Bondy <aa0fk@...> wrote:
>
> Hi Ted,
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> Thanks for the suggestion to measure the voltage at the battery while transmitting,
> that shows that there is a voltage drop between the battery and the radio. The
> battery is about 0.6v above the radio, so there is a large voltage drop

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> And after I checked my radio setup again I found that I didn't have things
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I operated from a Husky Power Center, one of those boxes with jumper cables,
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continued to operate as low as 11.3 v on transmit.

I have a West Mountain 4008 power strip now, and it has overvoltage and low
voltage indication.

Paul
AE5JU

[Non-text portions of this message have been removed]

Yahoo! Groups Links

26691. RE: [FT897] ameritron amp

Yahoo group: FT897 (2009)
Date: 2009-07-05 02:29:20 UTC
From: Michael Walker (VA3MW)
Topic: 26689 Message: 26691

Wow, this question is asked on just about every forum every week. This is one of those times that Google is your friend.

Since an AMP is a non-trival piece of equipment, you need to take the time to understand the keying, grounding, power and possibly ALC.

Lots of info here:
http://www.dxzone.com/catalog/Technical_Reference/Amplifiers/HF_Amplifiers/.

However, assuming you have good grounds, good power, you only need 1 wire to make it work, and that is the PTT lead. It is clearly outlined in the manual.

RFI or RF Feedback will be your biggest problem. Likely 40M will be worst for you. A 2000W dummy load is good to practice on.

Mike VA3MW

From: Thomas Meggison [mailto:meggi@...]
Sent: Saturday, July 04, 2009 4:24 PM
To: FT897 Moderator
Subject: [FT897] ameritron amp

Good evening all, I just acquired an AMERITRON AL-80B AMPLIFIER & a Palstar AT1500DT antenna tuner. Now being a fairly new ham, and this being my first amplifier I would like to know what cables are needed to connect the FT 897D to the Ameritron Amp. I know I need coax, but is there special cables needed and where can I get them. Learning to tune the amp and the antenna tuner is next after I hook everything up. But first I need to hook it up. Any help would be greatly appreciated.
73
Tom
KC2ULD

[Non-text portions of this message have been removed]

26692. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-05 04:29:58 UTC
From: Jim C
Topic: 26460 Message: 26692

Right on Eric!

Eric van de Weyer wrote:
>
>
> HI Ron,
>
> That does not apply to DC, only AC and specifically more so as the
> frequency
> increases.
>
> At DC you need the lowest possible resistance and therefore the greatest
> cross section area. Only reason to use stranded over solid conductors
> at DC
> is for flexibility.
>
> 73....Eric VK2VE.
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
> Behalf Of
> Thomas McGough
> Sent: Saturday, 4 July 2009 00:42
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> Hi Ron,
> Just for your info, you will have less voltage drop across
> stranded wire
> then solid. The reason is that current flows around the circumference of
> a wire not thru the wire in its entirety.
> Fact is there will be more surface area in a piece of stranded then solid.
> Thought this might help you, good luck... 73' from Elkton,Md
> KB3IPN/Tom
>
> _____
> From: tenorman1952 <tenorman1952@...
> <mailto:tenorman1952%40yahoo.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Friday, July 3, 2009 8:14:45 AM
> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>
> --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@...> wrote:
> >

> > Hi Ted,
> >
> > Thanks for your response.
> >
> > Yes, by 'voltage regulator' I meant a 'boost regulator'.
> >
> > The voltage differences are only during transmit.
> >
> > Thanks for the suggestion to measure the voltage at the battery while
> transmitting,
> > that shows that there is a voltage drop between the battery and the
> radio. The
> > battery is about 0.6v above the radio, so there is a large voltage drop
> across my
> > cable. I'm going to look into using bigger wire in the cable, and maybe
> solid vs
> > stranded.
> >
> > And after I checked my radio setup again I found that I didn't have
> things
> quite right.
> >
> > Thanks again for your suggestions, they were a big help.
> >
> > 73's,
> >
> > Ron
>
> Early last year for a little unofficial Field Day our club held in the
> part
> I operated from a Husky Power Center, one of those boxes with jumper
> cables,
> air pump, AC inverter, cappucino machine, etc.
>
> I don't know what size gel cell is inside, but my FT-897 did not cut out,
> continued to operate as low as 11.3 v on transmit.
>
> I have a West Mountain 4008 power strip now, and it has overvoltage
> and low
> voltage indication.
>
> Paul
> AE5JU
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>

26693. Re: ameritron amp

Yahoo group: FT897 (2009)
Date: 2009-07-05 13:15:16 UTC
From: nr3r15
Topic: 26689 Message: 26693

--- In FT897@yahoogroups.com, Thomas Meggison <meggi@...> wrote:
>
> Good evening all, I just acquired an AMERITRON AL-80B AMPLIFIER & a
> Palstar AT1500DT antenna tuner.

I had questions about my amp. I contacted Ameritron and they helped. Try that, you will get the correct answers and quicker.

Larry / nr3r

26694. Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897

Yahoo group: FT897 (2009)
Date: 2009-07-05 15:53:19 UTC
From: Thomas Wilson
Topic: 26460 Message: 26694

I think we've beat this particular horse to death. Perhaps we can move on...

On Sat, Jul 4, 2009 at 9:29 PM, Jim C<liteways@...> wrote:
>
>
> Right on Eric!
>
> Eric van de Weyer wrote:
>>
>>
>> HI Ron,
>>
>> That does not apply to DC, only AC and specifically more so as the
>> frequency
>> increases.
>>
>> At DC you need the lowest possible resistance and therefore the greatest
>> cross section area. Only reason to use stranded over solid conductors
>> at DC
>> is for flexibility.
>>
>> 73....Eric VK2VE.
>>
>> -----Original Message-----
>> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On
>> Behalf Of
>> Thomas McGough
>> Sent: Saturday, 4 July 2009 00:42
>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>>
>> Hi Ron,
>> Just for your info, you will have less voltage drop across
>> stranded wire
>> then solid. The reason is that current flows around the circumference of
>> a wire not thru the wire in its entirety.
>> Fact is there will be more surface area in a piece of stranded then solid.
>> Thought this might help you, good luck... 73' from Elkton,Md
>> KB3IPN/Tom
>>
>> _____
>> From: tenorman1952 <tenorman1952@...
>> <mailto:tenorman1952%40yahoo.com>>
>> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

>> Sent: Friday, July 3, 2009 8:14:45 AM
>> Subject: Re: [FT897] batteries-12 volt, 6 cell, lead-acid vs FT-897
>>
>> --- In FT897@yahoogroups. com, Ron Bondy <aa0fk@...> wrote:
>> >
>> > Hi Ted,
>> >
>> > Thanks for your response.
>> >
>> > Yes, by 'voltage regulator' I meant a 'boost regulator'.
>> >
>> > The voltage differences are only during transmit.
>> >
>> > Thanks for the suggestion to measure the voltage at the battery while
>> transmitting,
>> > that shows that there is a voltage drop between the battery and the
>> radio. The
>> > battery is about 0.6v above the radio, so there is a large voltage drop
>> across my
>> > cable. I'm going to look into using bigger wire in the cable, and maybe
>> solid vs
>> > stranded.
>> >
>> > And after I checked my radio setup again I found that I didn't have
>> things
>> quite right.
>> >
>> > Thanks again for your suggestions, they were a big help.
>> >
>> > 73's,
>> >
>> > Ron
>>
>> Early last year for a little unofficial Field Day our club held in the
>> part
>> I operated from a Husky Power Center, one of those boxes with jumper
>> cables,
>> air pump, AC inverter, cappucino machine, etc.
>>
>> I don't know what size gel cell is inside, but my FT-897 did not cut out,
>> continued to operate as low as 11.3 v on transmit.
>>
>> I have a West Mountain 4008 power strip now, and it has overvoltage
>> and low
>> voltage indication.
>>
>> Paul
>> AE5JU
>>
>> [Non-text portions of this message have been removed]

>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26695. On and Off switch Died !

Yahoo group: FT897 (2009)
Date: 2009-07-05 16:42:24 UTC
From: kb2vec
Topic: 26695 Message: 26695

After 5 yrs of service the grey on and of switch became intermittent and now doesnt work at all. Do you buy it or the whole front panel, main tuning knob I had to crazy glue in place after bumping it twice and it flops around, so I need that also. Help!

Paul KB2VEC

26696. RE: [FT897] On and Off switch Died !

Yahoo group: FT897 (2009)
Date: 2009-07-05 17:27:46 UTC
From: D. F.
Topic: 26695 Message: 26696

You can buy the part and replace yourself, as long as you are good at soldering small parts. As for your knob, I guess you didn't realize the rubber ring comes off and there is a set screw underneath that you tighten to keep the knob in place. This is because there is a spring under the knob that you can use to tighten/loosen the "spin" on the knob! OMG - I cannot believe you GLUED it on!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kb2vec
Sent: Sunday, July 05, 2009 11:42
To: FT897@yahoogroups.com
Subject: [FT897] On and Off switch Died !

After 5 yrs of service the grey on and of switch became intermittent and now doesnt work at all. Do you buy it or the whole front panel, main tuning knob I had to crazy glue in place after bumping it twice and it flops around, so I need that also. Help!

Paul KB2VEC

[Non-text portions of this message have been removed]

26697. RE: [FT897] On and Off switch Died !

Yahoo group: FT897 (2009)
Date: 2009-07-05 19:47:03 UTC
From: Paul Harris
Topic: 26695 Message: 26697

The reason I glued it was that the plastic part under the spring broke off into two pieces. after the radio fell on the floor landing right on the tuning knob.

--- On Sun, 7/5/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] On and Off switch Died !
To: FT897@yahoogroups.com
Date: Sunday, July 5, 2009, 1:27 PM

You can buy the part and replace yourself, as long as you are good at

soldering small parts. As for your knob, I guess you didn't realize the

rubber ring comes off and there is a set screw underneath that you

tighten to keep the knob in place. This is because there is a spring

under the knob that you can use to tighten/loosen the "spin" on the

knob! OMG - I cannot believe you GLUED it on!!!

Dennis - N8BMB

-----Original Message-----

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of

kb2vec

Sent: Sunday, July 05, 2009 11:42

To: FT897@yahoogroups. com

Subject: [FT897] On and Off switch Died !

After 5 yrs of service the grey on and of switch became intermittent and

now doesnt work at all. Do you buy it or the whole front panel, main

tuning knob I had to crazy glue in place after bumping it twice and it

flops around, so I need that also. Help!

Paul KB2VEC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26698. ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-05 23:54:13 UTC
From: Darren S
Topic: 26698 Message: 26698

I;ve seen mention of firmware updates for the 897 but i've yet to see a download. Does one exist or is it a myth?

Thanks

26699. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-07-06 03:10:06 UTC
From: Ben Ramler
Topic: 17604 Message: 26699

Hi Lew and Group,

I have a question. If I have to 55AH batteries connected together would that be enought to feed the FT-897D? Also I am scaling back my go kit idea. What does everyone think of this.

```
FT-897D                                HF/VHF
FT-100                                   Red Cross (If needed)***
FT-7800R                              APRS/Packet
FT-8800R                              UHF, Crossband
VX-8R   (3)                            spares
VX-7R***
Kam-XL                                 HF/VHF TNC
```

Antennas:

```
 RADS 9-11/A1                     HF/VHF/UHF
RADS 9-11/A2-VU  (3)         VHF/UHF
```

Coax:

```
 4  50ft. rolls  LMR-400UFN with connectors on
```

Misc.

connectors, flashlight, spare batteries,

Clothes:

Worst case at least one week

From: Lew Phelps K6LMP <k6lmp@...>
To: FT897@yahoogroups.com
Sent: Wednesday, June 17, 2009 9:49:18 AM
Subject: Re: [FT897] batteries

Assuming worst case, which is transmitting at 100 watts output, and assuming that you could drain the battery to 90% before its output voltage drops to the point that the transmitter will go on strike, you could transmit continuously using this battery for approximately 4 hours.

If you make more realistic assumptions, such as 50 watt transmit power and 10% transmit duty cycle, and using squelch to reduce current drain when in receive mode, you're looking at much better numbers: current drain in squelch mode is 0.6 amp; in receive mode is 1 amp; in transmit mode will be about 12.5 amps. Let's assume that in receive

you're in squelch mode half the time, so your average current draw when not transmitting is 0.8 amp. If you are in receive only mode, you could operate for 90 ÷ 0.8 = 112.5 hours.

Every minute you transmit at 50 watts draws 15 times as much current as when receiving. (If you transmit SSB, the current draw will be 1/2 to 1/3 what you would use on FM or AM).

If you transmit for one hour at 50 watts FM, you consume 12.5 amperes, and thus 12.5 ampere hours, That leaves 99-12.5) ÷ 0.8 = 96.875 hours receive time.

So, to generalize as a rule of thumb, your 100 ampere hour candidate battery would allow you to operate for about 100 hours. You can scale that up or down; assume about 1 ampere hour battery capacity will give you about 1 hour of operating time at 50 watts and using squelch. You can extend the time somewhat by lowering transmit power, and by operating in SSB mode, and if you turn off squelch, which you would most likely do on HF bands using SSB, you would draw more current in receive mode.

This battery should serve you well for off-grid applications. For its amp-hour capacity, it's relatively small and light; the AGM construction means you can tip it over without spilling battery acid. It should recharge quickly. There are other deep-cycle AGM batteries on the market that I would also consider if I were buying a battery right now. For one, the Optima Yellow Top D31, which has about 75 ampere hour capacity but costs less. The Optima batteries are sold by Interstate Battery dealers, and also at Sears, and at many stores that cater to off-roaders, who are fanatic fans of Yellow Top batteries for winches. If size, weight and cost are not issues, you might want to look at the Odyssey PC1800-FT, which weighs 130 pounds but packs 214 amp hours. Also AGM spiral wound, like the Optima. It has an unusual form factor -- 22 x 12 x 5 inches -- which might be desirable and might not, depending on your intended use. See http://www.odysseybattery.com/ .

Lew K6LMP

On Jun 16, 2009, at 6:17 PM, Ben Ramler wrote:

>
>
> So let me ask this then group,
>
> If I got an 100Mah Battery would that be enough? Please bare in
> mind this not just designed to power the 897 but other radios & a
> TNC I can recap the equipment I am going to be using if anyone
> likes? the issue is how do i charge it? My other question is even
> though the battery is charging can it still handle a load on it?
>
> I found this battery on this would this work?

>
> http://www.atbatt. com/product/ 3617.asp# tabs
>
>
> >
>
> .
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26700. Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 05:16:53 UTC
From: Mark Levenite
Topic: 26698 Message: 26700

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
>
> I;ve seen mention of firmware updates for the 897 but i've yet to see a download. Does one exist or is it a myth?
>
> Thanks
>

Darren,

Firmware updates for the FT-897 requires the rig to be sent to Yaesu for EPROM reprogramming. As far as I know the only firmware update Yaesu has done for the FT-897 series involved the use of the MH-59A8J remote microphone, & that was just before the FT-897D came to market.

Mark (NM7L)

26701. Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 11:59:41 UTC
From: Robert G. Schaffrath
Topic: 26698 Message: 26701

The lack of field updating is one thing turned me off on the FT-897D even though I did buy one. At times there are changes, such as the MH-59A8J support mentioned below, that require an update (the radio is basically a computer after all). The need to send it back to the manufacturer for an update is a real drawback. Should the 60m band channels change at some point (there is an ARRL petition to change one of the frequencies), the current firmware will need to be update to reflect the change OR the radio will have to be modded to open its transmit range up. It would have been nice to be able to go to the Yaesu web site, download a firmware update and load it into the radio.

Firmware updating will definitely be a feature I am looking for the next time I purchase a radio.

Robert, N2JTX

--- In FT897@yahoogroups.com, "Mark Levenite" <wb3gok@...> wrote:
>
> --- In FT897@yahoogroups.com, Darren S <Darrenls21@> wrote:
> >
> >
> > I;ve seen mention of firmware updates for the 897 but i've yet to see a download. Does one exist or is it a myth?
> >
> > Thanks
> >
>
> Darren,
>
> Firmware updates for the FT-897 requires the rig to be sent to Yaesu for EPROM reprogramming. As far as I know the only firmware update Yaesu has done for the FT-897 series involved the use of the MH-59A8J remote microphone, & that was just before the FT-897D came to market.
>
> Mark (NM7L)
>

26702. Yaesu Service

Yahoo group: FT897 (2009)
Date: 2009-07-06 17:38:21 UTC
From: Bill Barbee
Topic: 2567 Message: 26702

I own an FT-897D and a couple of FT-840 radios. I sent one of the FT-840's to Yaesu in California for service on the 26th of June by USPS. I just received
the repaired radio by UPS at 12:30 PM Central time. 10 day turn around !!!
Not too shabby Yaesu.
Bill Barbee W5LV
Grenada, MS

26703. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 20:41:26 UTC
From: Danny Loyd
Topic: 26698 Message: 26703

I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to have the 60 Meter band opened up for transmit or is there another way to do that?

Danny Loyd
KE5WDI

From: Robert G. Schaffrath <robert@...>
To: FT897@yahoogroups.com
Sent: Monday, July 6, 2009 6:59:41 AM
Subject: [FT897] Re: ft-897 firmware. Is it updateable

The lack of field updating is one thing turned me off on the FT-897D even though I did buy one. At times there are changes, such as the MH-59A8J support mentioned below, that require an update (the radio is basically a computer after all). The need to send it back to the manufacturer for an update is a real drawback. Should the 60m band channels change at some point (there is an ARRL petition to change one of the frequencies) , the current firmware will need to be update to reflect the change OR the radio will have to be modded to open its transmit range up. It would have been nice to be able to go to the Yaesu web site, download a firmware update and load it into the radio.

Firmware updating will definitely be a feature I am looking for the next time I purchase a radio.

Robert, N2JTX

--- In FT897@yahoogroups. com, "Mark Levenite" <wb3gok@...> wrote:
>
> --- In FT897@yahoogroups. com, Darren S <Darrenls21@ > wrote:
> >
> >
> > I;ve seen mention of firmware updates for the 897 but i've yet to see a download. Does one exist or is it a myth?
> >
> > Thanks
> >
>
> Darren,
>
> Firmware updates for the FT-897 requires the rig to be sent to Yaesu for EPROM reprogramming. As far as I know the only firmware update Yaesu has done for the FT-897 series involved the use of the MH-59A8J remote microphone, & that was just before the FT-897D came to market.
>
> Mark (NM7L)
>

[Non-text portions of this message have been removed]

26704. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 21:28:30 UTC
From: Thomas Wilson
Topic: 26698 Message: 26704

There is a DOS program floating around that can supposedly do this on the non D models, but you have to have a physical serial port (not a USB converter) on COM1 for this to work. All the program does is send a CAT command, which you can also do via HAM Radio Deluxe. Note, this does not work on the FT-897D.

I would suggest using HRD's custom CAT command screen to try sending 00 04 00 00 BB first and see what result you get. WRITE THIS DOWN.
Then try sending the write command: 00 04 00 00 BC. Then you have to power-cycle the radio. If that works, you should have all tx frequencies open.

If the write is successful, you should get a response of 0. If you get any other response, the radio is probably blocking the write request (meaning you have to open the radio and do the jumper modification instead.)

If it doesn't work, you can try some other values:
00 04 *37 06* BC opens up receive on the Japanese model

Here's how it breaks down:
bytes 1-2: Address
bytes 3-4: Value
byte 5: BC-Write to memory. BB - READ from memory

For example,
00 04 *12 34* BC would write the value "1234" to memory location 0004.
00 08 00 00 BB reads memory location 0008

If some other folks (with an opened up TX) can report back what their radio shows when they run the READ command (00 04 00 00 BB), maybe Danny can try one of those settings.

From what I've read, entering an invalid value should not damage the radio (you can just write back your original setting.), but all the usual disclaimers apply: your risk, your responsibility.

On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@...> wrote:
>
>
> I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> have the 60 Meter band opened up for transmit or is there another way to
do
> that?
>
> Danny Loyd
> KE5WDI
>

[Non-text portions of this message have been removed]

26705. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 21:34:54 UTC
From: Thomas Wilson
Topic: 26698 Message: 26705

You can also look at the extended TX mod:

http://www.ham.dmz.ro/yaesu/ft-897-extended-transmitrange.php

On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@...> wrote:
> >
> >
> > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> > have the 60 Meter band opened up for transmit or is there another way to
> do
> > that?
> >
> > Danny Loyd
> > KE5WDI
> >
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26706. Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-06 22:44:47 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26460 Message: 26706

Dan,

I am not sure if this was intended as a serious question (hetro-oriented???), but I'll answer it anyway.

Holes and hole current are only found in semiconductors, such as silicon. So they do not exist in conductors or insulators.

Holes are actually locations in the crystal lattice of a semiconductor that are short one electron.

Finally, hole current is not exclusively AC.

Rob
AF6CM

On Fri, 03 Jul 2009 11:32 +0000, "oceanbiz01" <dan-schaaf@...> wrote:

Holes (the opposite of electrons) are also hetro-oriented. Why do they not also go to the skin of the conductor instead of the electrons? Which one gets to decide who is on the skin and who is in the center. There is also the Hole Theory which says that holes move in the opposite direction from electrons. It is called Hole Flow. This is an A.C. phenomenon.
Dan K3ZXL

26707. Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-06 23:25:49 UTC
From: oceanbiz01
Topic: 26460 Message: 26707

Rob

Please point me to a piece of reference material which excludes evrything (including copper) except semiconductors. It seems to me that when an electron leaves it's orbit, it leaves a hole behind, regardless of the material, no matter the material. I am open to being educated here.

And yes I know that hole current is not exclusively AC. As the electron moves east, the hole moves west, or perhaps the hole remains in place waiting for a new electron. But the hole at least appears to move in the opposite direction.

Dan K3ZXL

--- In FT897@yahoogroups.com, af6cm_yahoo@... wrote:
>
> Dan,
>
> I am not sure if this was intended as a serious question (hetro-
> oriented???), but I'll answer it anyway.
>
> Holes and hole current are only found in semiconductors, such
> as silicon. So they do not exist in conductors or insulators.
>
> Holes are actually locations in the crystal lattice of a
> semiconductor that are short one electron.
>
> Finally, hole current is not exclusively AC.
>
> Rob
> AF6CM
>
>
>
> On Fri, 03 Jul 2009 11:32 +0000, "oceanbiz01"
> <dan-schaaf@...> wrote:
>
> Holes (the opposite of electrons) are also hetro-oriented. Why
> do they not also go to the skin of the conductor instead of the
> electrons? Which one gets to decide who is on the skin and who is
> in the center. There is also the Hole Theory which says that
> holes move in the opposite direction from electrons. It is called
> Hole Flow. This is an A.C. phenomenon.
> Dan K3ZXL
>

26708. SQ9MLL - Pictures from HAM Fest Friedrichshafen 2009 and more ;)

Yahoo group: FT897 (2009)
Date: 2009-07-07 00:05:01 UTC
From: SQ9MLL Art
Topic: 26708 Message: 26708

Hello at all friends :)

In Galeria Zdjec = Photo Gallery You can find few or more pictures from HAM Fest in Germany, Austria, Switzerland and Liechtenstein :)

www.sq9iwu.qrz.pl

rgds from
SQ9MLL Art with daughter Carolina
SQ9HHT Paul (Blind Operator)
SQ9IWU Richard
--
SQ 9 MLL Art
www.Arthur.RedEye.dk

26709. Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-07 00:46:08 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26460 Message: 26709

Dan,

Since this is part of my area of expertise, and this is a pretty basic question, I consider myself to be one reference.

Just for you, I did some quick research. The IEEE Dictionary defines hole as: "A mobile vacancy in the electronic valence structure of a semiconductor that acts like a positive electron charge with a positive mass."

The valence structure of a metal is quite different from doped silicon, so there are no holes in conductors.

Unfortunately, a good explanation is not short, so I would suggest further research if you are interested.

There are a number of textbooks on the subject. A search of Amazon would give you a number of choices. Search for "semiconductor physics".

In a semiconductor, in the presence of an electric field, the holes and electrons do move in opposite directions. Since the charges are opposite the "conventional current" moves in the direction of the holes and includes both the hole and electron current contributions.

Rob
AF6CM

On Mon, 06 Jul 2009 19:25 +0000, "oceanbiz01"
<dan-schaaf@...> wrote:

Rob
Please point me to a piece of reference material which excludes evrything (including copper) except semiconductors. It seems to me that when an electron leaves it's orbit, it leaves a hole behind, regardless of the material, no matter the material. I am open to being educated here.
And yes I know that hole current is not exclusively AC. As the electron moves east, the hole moves west, or perhaps the hole remains in place waiting for a new electron. But the hole at least appears to move in the opposite direction.
Dan K3ZXL
--- In [1]FT897@yahoogroups.com
, af6cm_yahoo@... wrote:
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> Dan,
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> I am not sure if this was intended as a serious question
(hetro-
> oriented???), but I'll answer it anyway.
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> Holes and hole current are only found in semiconductors, such
> as silicon. So they do not exist in conductors or insulators.
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> Holes are actually locations in the crystal lattice of a
> semiconductor that are short one electron.
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> Finally, hole current is not exclusively AC.
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> On Fri, 03 Jul 2009 11:32 +0000, "oceanbiz01"
> <dan-schaaf@...> wrote:
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> Holes (the opposite of electrons) are also hetro-oriented.
Why
> do they not also go to the skin of the conductor instead of the
> electrons? Which one gets to decide who is on the skin and who
is
> in the center. There is also the Hole Theory which says that
> holes move in the opposite direction from electrons. It is
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> Hole Flow. This is an A.C. phenomenon.
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26710. Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-07 01:04:20 UTC
From: graham.astbury@theedge.ca
Topic: 26460 Message: 26710

This is now way off topic, can we please get back to the 897 Forum this is supposed to be?

Graham Astbury
Yellowknife, NT CANADA

----- Original Message -----
From: af6cm_yahoo@...
Date: Monday, July 6, 2009 6:46 pm
Subject: Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

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> References

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26711. Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-07 01:09:03 UTC
From: Tom Wilson
Topic: 26460 Message: 26711

Guys!

This is so freaking far OT that it should have its own zip code! Just drop it already. I'm about 2 posts away from dropping this mailing list in my spam folder.

Sent from my iPhone

On Jul 6, 2009, at 4:25 PM, "oceanbiz01" <dan-schaaf@...> wrote:

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> > holes move in the opposite direction from electrons. It is called
> > Hole Flow. This is an A.C. phenomenon.
> > Dan K3ZXL
> >
>
>

[Non-text portions of this message have been removed]

26712. RE: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-07 01:46:08 UTC
From: Michael Walker (VA3MW)
Topic: 26460 Message: 26712

This is a little off topic for this thread.

From: af6cm_yahoo@... [mailto:af6cm_yahoo@...]
Sent: Monday, July 06, 2009 6:45 PM
To: Yahoo FT897 Group
Subject: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Dan,

I am not sure if this was intended as a serious question (hetro-oriented???), but I'll answer it anyway.

Holes and hole current are only found in semiconductors, such as silicon. So they do not exist in conductors or insulators.

Holes are actually locations in the crystal lattice of a semiconductor that are short one electron.

Finally, hole current is not exclusively AC.

Rob
AF6CM

On Fri, 03 Jul 2009 11:32 +0000, "oceanbiz01" <dan-schaaf@... <mailto:dan-schaaf%40att.net> > wrote:

Holes (the opposite of electrons) are also hetro-oriented. Why do they not also go to the skin of the conductor instead of the electrons? Which one gets to decide who is on the skin and who is in the center. There is also the Hole Theory which says that holes move in the opposite direction from electrons. It is called Hole Flow. This is an A.C. phenomenon.
Dan K3ZXL

[Non-text portions of this message have been removed]

26713. Circuit question - repeater controller

Yahoo group: FT897 (2009)
Date: 2009-07-07 16:39:33 UTC
From: Thomas Wilson
Topic: 26713 Message: 26713

Hi, guys.

I'm hoping someone can help me design a circuit to run a small cross-band repeater at my house. Here's the general description:

I have an older Yaesu 220 MHz transceiver. It's a bare-bones radio with no VOX and no data port. So I will have to use the 6-pin modular mic port for input. I can get output from the speaker jack.
I have an FT-897 and a breakout cable going to the data connector on the back.

I want to build a bi-directional cross-band repeater that will send the 897's received audio through the 220 radio and transmit audio from the 220 side back to the 897. I want to use this with my HT in much the same manner you'd cross-band with something like an FT-8800.

I've already build a data cable for the 897, and using digital VOX, I can make the 897 transmit audio received by the 220 radio... what I'm working on is going the other way. The 897's data port has a pin that puts out around 4.2 volts when the 897's squelch is open. However, the pin can't provide enough current to close a relay. When I tried, it actually CLOSED the squelch. So I figure I need a transistor (and a small amount of power) to actuate a relay to close the PTT circuit on the other radio. I want to use a relay to keep the radios separated. I'm using isolating transformers on the audio lines for the same reason.

Does anybody have any ideas for a high impedence circuit, activated by the data port's squelch line, that can close a relay for the PTT on the other radio? I figure that I'll need a power supply, transistor,
diode (for power protection), and a small relay.

I understand what each part does and general electronics theory, but I don't know enough to design a circuit (specifically, what transistor to pick, and whether I'll need other parts around it to protect it.)

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26714. Re: [FT897] Circuit question - repeater controller

Yahoo group: FT897 (2009)
Date: 2009-07-07 17:54:04 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26713 Message: 26714

Tom,

I would suggest using a MOSFET as your transistor. It does not draw any appreciable current on its input (gate). You are on the right track. You may / may not want to add a resistor to limit the current.

You listed the high voltage (VIH) of 4.2V. What is the low voltage (VIL)? Is it 0V?

Feel free to email me direct, if this is "off topic".

Rob
AF6CM

26715. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-07 18:05:53 UTC
From: Danny Loyd
Topic: 26698 Message: 26715

Thanks Tom. I will get a CAT cable and download HRD and see if I can get to work.

Danny
KE5WDI

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Monday, July 6, 2009 4:34:54 PM
Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable

You can also look at the extended TX mod:

http://www.ham. dmz.ro/yaesu/ ft-897-extended- transmitrange. php

On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@hifivers. net> wrote:
> >
> >
> > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> > have the 60 Meter band opened up for transmit or is there another way to
> do
> > that?
> >
> > Danny Loyd
> > KE5WDI
> >
>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26716. Re: [FT897] Circuit question - repeater controller

Yahoo group: FT897 (2009)
Date: 2009-07-07 18:07:20 UTC
From: Thomas Wilson
Topic: 26713 Message: 26716

Correct.

When there's no signal, the line is at 0v.

When there's a signal (and I should be keying the link radio), the line is
4.2v.

On Tue, Jul 7, 2009 at 10:54 AM, <af6cm_yahoo@...> wrote:

>
>
> Tom,
>
> I would suggest using a MOSFET as your transistor. It does not
> draw any appreciable current on its input (gate). You are
> on the right track. You may / may not want to add a resistor
> to limit the current.
>
> You listed the high voltage (VIH) of 4.2V. What is the low
> voltage (VIL)? Is it 0V?
>
> Feel free to email me direct, if this is "off topic".
>
> Rob
> AF6CM
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26717. Re: [FT897] Circuit question - repeater controller

Yahoo group: FT897 (2009)
Date: 2009-07-08 02:14:53 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26713 Message: 26717

Good. An enhancement NMOS FET should work nicely to drive
a relay and not load the radio output.

The circuit would look like this:

Connect the source (S) of the FET to ground. The gate (G) goes
to your input signal. The drain (D) goes to the relay coil.
The other end of the relay coil goes to positive supply voltage.
Add the bypass diode, as you already know.

I would select the relay first. If you get a 5V relay, for
example, you don't need a current limiting resistor for a
5V supply. You need to select a FET that can sink enough
current to drive the relay coil. What is the coil resistance?
Add this to the RDS of the transistor. I = V / R gives you
the total current. (Make the V somewhat larger than you expect.)
Do not exceed Id Max (or IDS max) for the FET. Do not exceed
the power number (I * I * RDS) for the FET either.

I think you will find that nearly any power N-channel MOSFET
will work for this application. Choose a package that is
easy to work with.

Use anti-static precautions when handling the FET.

Sounds like a fun project!!

Rob
AF6CM

On Tue, 07 Jul 2009 07:07 -0700, "Thomas Wilson"
<wilsontp@...> wrote:

Correct.
When there's no signal, the line is at 0v.
When there's a signal (and I should be keying the link radio),
the line is
4.2v.
On Tue, Jul 7, 2009 at 10:54 AM, <[1]af6cm_yahoo@myfastmail.
com> wrote:
>
>
> Tom,
>
> I would suggest using a MOSFET as your transistor. It does not
> draw any appreciable current on its input (gate). You are
> on the right track. You may / may not want to add a resistor

> to limit the current.
>
> You listed the high voltage (VIH) of 4.2V. What is the low
> voltage (VIL)? Is it 0V?
>
> Feel free to email me direct, if this is "off topic".
>
> Rob
> AF6CM
>
>
>
--
Tom Wilson
[2]wilsontp@...
(619)342-1391
KI6ABZ
[Non-text portions of this message have been removed]

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26718. Re: [FT897] Circuit question - repeater controller

Yahoo group: FT897 (2009)
Date: 2009-07-08 05:03:40 UTC
From: Thomas Wilson
Topic: 26713 Message: 26718

Thanks, Rob.

I pulled out my Electronics Experimenter's kit, and it has a circuit
almost identical to what you described.

I'm going to need to order some parts from Jameco, it looks like.

On Tue, Jul 7, 2009 at 7:14 PM, <af6cm_yahoo@...> wrote:
>
>
> Good. An enhancement NMOS FET should work nicely to drive
> a relay and not load the radio output.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26719. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-08 22:32:36 UTC
From: Darren S
Topic: 26698 Message: 26719

the programme you are referring to is called "Softjump"

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Monday, 6 July, 2009 22:28:30
Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable

There is a DOS program floating around that can supposedly do this on the non D models, but you have to have a physical serial port (not a USB converter) on COM1 for this to work. All the program does is send a CAT command, which you can also do via HAM Radio Deluxe. Note, this does not work on the FT-897D.

I would suggest using HRD's custom CAT command screen to try sending 00 04 00 00 BB first and see what result you get. WRITE THIS DOWN.
Then try sending the write command: 00 04 00 00 BC. Then you have to power-cycle the radio. If that works, you should have all tx frequencies open.

If the write is successful, you should get a response of 0. If you get any other response, the radio is probably blocking the write request (meaning you have to open the radio and do the jumper modification instead.)

If it doesn't work, you can try some other values:
00 04 *37 06* BC opens up receive on the Japanese model

Here's how it breaks down:
bytes 1-2: Address
bytes 3-4: Value
byte 5: BC-Write to memory. BB - READ from memory

For example,
00 04 *12 34* BC would write the value "1234" to memory location 0004.
00 08 00 00 BB reads memory location 0008

If some other folks (with an opened up TX) can report back what their radio shows when they run the READ command (00 04 00 00 BB), maybe Danny can try one of those settings.

From what I've read, entering an invalid value should not damage the radio (you can just write back your original setting.), but all the usual disclaimers apply: your risk, your responsibility.

On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@hifivers. net> wrote:
>
>

> I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> have the 60 Meter band opened up for transmit or is there another way to
do
> that?
>
> Danny Loyd
> KE5WDI
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26720. Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-09 01:55:12 UTC
From: elohym2003
Topic: 26698 Message: 26720

What about the repeater offsets??? When you do the hard mod, you loose them. Will this help??? My 897 (non D)had the mod done when I bought it used. If the repeater offsets can be restored, I will un-do the mod and do it this way.

Steve/KC8LQV

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
> the programme you are referring to is called "Softjump"
>
>
>
>
> _____
> From: Thomas Wilson <wilsontp@...>
> To: FT897@yahoogroups.com
> Sent: Monday, 6 July, 2009 22:28:30
> Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable
>
>
>
>
>
> There is a DOS program floating around that can supposedly do this on the
> non D models, but you have to have a physical serial port (not a USB
> converter) on COM1 for this to work. All the program does is send a CAT
> command, which you can also do via HAM Radio Deluxe. Note, this does not
> work on the FT-897D.
>
> I would suggest using HRD's custom CAT command screen to try sending 00 04
> 00 00 BB first and see what result you get. WRITE THIS DOWN.
> Then try sending the write command: 00 04 00 00 BC. Then you have to
> power-cycle the radio. If that works, you should have all tx frequencies
> open.
>
> If the write is successful, you should get a response of 0. If you get any
> other response, the radio is probably blocking the write request (meaning
> you have to open the radio and do the jumper modification instead.)
>
> If it doesn't work, you can try some other values:
> 00 04 *37 06* BC opens up receive on the Japanese model
>
> Here's how it breaks down:
> bytes 1-2: Address
> bytes 3-4: Value

> byte 5: BC-Write to memory. BB - READ from memory
>
> For example,
> 00 04 *12 34* BC would write the value "1234" to memory location 0004.
> 00 08 00 00 BB reads memory location 0008
>
> If some other folks (with an opened up TX) can report back what their radio
> shows when they run the READ command (00 04 00 00 BB), maybe Danny can try
> one of those settings.
>
> From what I've read, entering an invalid value should not damage the radio
> (you can just write back your original setting.), but all the usual
> disclaimers apply: your risk, your responsibility.
>
> On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@hifivers. net> wrote:
> >
> >
> > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> > have the 60 Meter band opened up for transmit or is there another way to
> do
> > that?
> >
> > Danny Loyd
> > KE5WDI
> >
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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26721. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-09 02:02:58 UTC
From: Thomas Wilson
Topic: 26698 Message: 26721

When the radio first boots up (after a reset), it reads the hardware jumpers
in to a memory location.

What the SOFT mod does is overwrite those jumper values with the values that
would be there if you'd changed the jumpers.

So the short version is: hard or soft, you will get the same results with
the same jumper settings.

On Wed, Jul 8, 2009 at 6:55 PM, elohym2003 <kc8lqv@...> wrote:

>
>
> What about the repeater offsets??? When you do the hard mod, you loose
> them. Will this help??? My 897 (non D)had the mod done when I bought it
> used. If the repeater offsets can be restored, I will un-do the mod and do
> it this way.
>
> Steve/KC8LQV
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Darren S
> <Darrenls21@...> wrote:
> >
> > the programme you are referring to is called "Softjump"
> >
> >
> >
> >
> > _____
> > From: Thomas Wilson <wilsontp@...>
>
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > Sent: Monday, 6 July, 2009 22:28:30
> > Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable
> >
> >
> >
> >
> >
> > There is a DOS program floating around that can supposedly do this on the
> > non D models, but you have to have a physical serial port (not a USB
> > converter) on COM1 for this to work. All the program does is send a CAT
> > command, which you can also do via HAM Radio Deluxe. Note, this does not
> > work on the FT-897D.
> >

> > I would suggest using HRD's custom CAT command screen to try sending 00
> 04
> > 00 00 BB first and see what result you get. WRITE THIS DOWN.
> > Then try sending the write command: 00 04 00 00 BC. Then you have to
> > power-cycle the radio. If that works, you should have all tx frequencies
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> > If the write is successful, you should get a response of 0. If you get
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> > other response, the radio is probably blocking the write request (meaning
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> > 00 04 *37 06* BC opens up receive on the Japanese model
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> > Here's how it breaks down:
> > bytes 1-2: Address
> > bytes 3-4: Value
> > byte 5: BC-Write to memory. BB - READ from memory
> >
> > For example,
> > 00 04 *12 34* BC would write the value "1234" to memory location 0004.
> > 00 08 00 00 BB reads memory location 0008
> >
> > If some other folks (with an opened up TX) can report back what their
> radio
> > shows when they run the READ command (00 04 00 00 BB), maybe Danny can
> try
> > one of those settings.
> >
> > From what I've read, entering an invalid value should not damage the
> radio
> > (you can just write back your original setting.), but all the usual
> > disclaimers apply: your risk, your responsibility.
> >
> > On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@hifivers. net> wrote:
> > >
> > >
> > > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu
> to
> > > have the 60 Meter band opened up for transmit or is there another way
> to
> > do
> > > that?
> > >
> > > Danny Loyd
> > > KE5WDI
> > >
> >
> > [Non-text portions of this message have been removed]

> >
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> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26722. Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-09 03:39:01 UTC
From: elohym2003
Topic: 26698 Message: 26722

Thus.....if it is not broke.....don't fix it.

right????

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> When the radio first boots up (after a reset), it reads the hardware jumpers
> in to a memory location.
>
> What the SOFT mod does is overwrite those jumper values with the values that
> *would* be there if you'd changed the jumpers.
>
> So the short version is: hard or soft, you will get the same results with
> the same jumper settings.
>
> On Wed, Jul 8, 2009 at 6:55 PM, elohym2003 <kc8lqv@...> wrote:
>
> > >
> > >
> > > What about the repeater offsets??? When you do the hard mod, you loose
> > > them. Will this help??? My 897 (non D)had the mod done when I bought it
> > > used. If the repeater offsets can be restored, I will un-do the mod and do
> > > it this way.
> > >
> > > Steve/KC8LQV
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Darren S
> > > <Darrenls21@> wrote:
> > > >
> > > > the programme you are referring to is called "Softjump"
> > > >
> > > >
> > > >
> > > >
> > > > _____
> > > > From: Thomas Wilson <wilsontp@>
> > >
> > > > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > > > Sent: Monday, 6 July, 2009 22:28:30
> > > > Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable
> > > >
> > > >
> > > >
> > > >

> > >
> > > There is a DOS program floating around that can supposedly do this on the
> > > non D models, but you have to have a physical serial port (not a USB
> > > converter) on COM1 for this to work. All the program does is send a CAT
> > > command, which you can also do via HAM Radio Deluxe. Note, this does not
> > > work on the FT-897D.
> > >
> > > I would suggest using HRD's custom CAT command screen to try sending 00
> > 04
> > > 00 00 BB first and see what result you get. WRITE THIS DOWN.
> > > Then try sending the write command: 00 04 00 00 BC. Then you have to
> > > power-cycle the radio. If that works, you should have all tx frequencies
> > > open.
> > >
> > > If the write is successful, you should get a response of 0. If you get
> > any
> > > other response, the radio is probably blocking the write request (meaning
> > > you have to open the radio and do the jumper modification instead.)
> > >
> > > If it doesn't work, you can try some other values:
> > > 00 04 *37 06* BC opens up receive on the Japanese model
> > >
> > > Here's how it breaks down:
> > > bytes 1-2: Address
> > > bytes 3-4: Value
> > > byte 5: BC-Write to memory. BB - READ from memory
> > >
> > > For example,
> > > 00 04 *12 34* BC would write the value "1234" to memory location 0004.
> > > 00 08 00 00 BB reads memory location 0008
> > >
> > > If some other folks (with an opened up TX) can report back what their
> > radio
> > > shows when they run the READ command (00 04 00 00 BB), maybe Danny can
> > try
> > > one of those settings.
> > >
> > > From what I've read, entering an invalid value should not damage the
> > radio
> > > (you can just write back your original setting.), but all the usual
> > > disclaimers apply: your risk, your responsibility.
> > >
> > > On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@hifivers. net> wrote:
> > > >
> > > >
> > > > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu
> > to
> > > > have the 60 Meter band opened up for transmit or is there another way
> > to
> > > do

> > > > that?
> > > >
> > > > Danny Loyd
> > > > KE5WDI
> > > >
> > >
> > > [Non-text portions of this message have been removed]
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> > > [Non-text portions of this message have been removed]
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>
>
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>
> [Non-text portions of this message have been removed]
>

26723. Positioning of 204 foot doublet help required

Yahoo group: FT897 (2009)
Date: 2009-07-01 22:09:09 UTC
From: simon.worsley
Topic: 26723 Message: 26723

Gents and Ladies,

First, a great shake of hands to Tim in VK land for all your help on my previous posting ! Your a gentleman and a Sholar as we say over here in Blighty (london!)

Ok, I have installed a 204 foot doublet which seems to work well on all bands.

Our front garden is 20 feet long

Then the house which is 40 foot long (with a side path right from the front to back garden which the wire goes over) and the main mast which is 40 feet high is on the side of the house at the back. (60 feet from the very front garden to this mast)

Then the back garden is 100 foot long so in total length I have 160 foot to install the doublet so need to bend it in to fit my land.

Please note, the main mast which is 60 feet distance from the front of the property and the highest point on the mast is 40 foot above ground (unfortunately, the back garden slopes upwards away from the house about ten feet higher at the end of the garden, ten feet higher than the house ground level where the 40 foot mast is)

Currently I have the 204 foot doublet set up so one end is right at the front of the property at 15 foot off the ground, then 60 foot of wire goes to the top of the 40 foot mast, then it falls to the back corner mast which is about 20 foot off the ground and then the wire goes at a right angle for ten feet, and then back on itself for about 20 feet at 10 feet high.

Like I mentioned, this seems to work well - but of course I want to get it in its best position as possible and cant raise the height any further than the existing mast measurements noted above.

Due to the mast being 60 foot from the front of the property, the mast which is obviously the highest point of the antenna is not at the centre of the antenna. Where the centre of the antenna is about 25 foot high from ground due to the slope on the wire to where it is anchored at the back garden and the rising back garden.

So my question is where would the best optimum situation for the wire?

Will it make much difference if I change it from where it is now? Is there a better optimum?

Does it matter too much that the highest part of the antenna is NOT where the feed is? I could pull the antenna back towards the house so the feed is the highest point, but then would have excess wire at the front of the house to deal with.

All help much appreciated !

Best Regards and 73 from London

Simon, G7IVJ

Spec of wire antenna:

Van Gorden - G5-RVM HF wire antenna
Length - 204ft
Bands - 1.8 - 30 Mhz (160-10m)
Power handling - up to 2Kw
Feedline - 450 Ohm ladderline cable

26724. RE: [FT897] SUPPLY VOLTAGE INDICATOR

Yahoo group: FT897 (2009)
Date: 2009-07-02 15:44:08 UTC
From: Bill Currier
Topic: 26622 Message: 26724

Measure it with a voltmeter or multimeter.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Michael Walker (VA3MW)
Sent: Thursday, July 02, 2009 10:26 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] SUPPLY VOLTAGE INDICATOR

How do you know if you supply voltage is 13.8?

From: TED [mailto:cinninnatti@ <mailto:cinninnatti%40yahoo.com> yahoo.com]
Sent: Wednesday, July 01, 2009 9:45 PM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: [FT897] SUPPLY VOLTAGE INDICATOR

MY SUPPLY VOLTAGE SHOWS 13.3 USE TO SHOW 13.8, HOW CAN I CHANGE IT BACK TO 13.8

THANK YOU

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26725. 897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-05 22:26:30 UTC
From: w1cdo_mobile
Topic: 26725 Message: 26725

I am preparing info on a loaded 897D for posting on the various FOR SALE boards. As I have seen in the past, I am making a quick notation here in case anyone wishes to contact me off list. It is an 897D with two Collins mechanical filters, and includes the Yaesu tuner, fancy DTMF microphone, built in AC supply and the entire built in Yaesu battery assembly with Yaesu charging adaptors. I would like $875.
John Maguire w1cdo@...

26726. The FT 897 in action in youtube in QRP operation

Yahoo group: FT897 (2009)
Date: 2009-07-04 17:22:10 UTC
From: ea5blp
Topic: 26726 Message: 26726

Hello to all devotes of the FT 897. I have uploaded to Youtube a video of the rig doing a good job on a cw operation in QRP using a short "miracle whip" antenna.
Here is the link:

http://www.youtube.com/watch?v=as6OrGc9w3I

If you like, I invite you also to visit my QRP channel in youtube:

http://www.youtube.com/user/ea5blp

73 dx!
EA5BLP
Juan

26727. TX noise, RX birdies for Yaesu FT-897D

Yahoo group: FT897 (2009)
Date: 2009-06-28 12:12:45 UTC
From: zbinio20022002
Topic: 26727 Message: 26727

Does anyone tried to perform the modification:
http://mods.dk/view.php?ArticleId=3845
<http://mods.dk/view.php?ArticleId=3845>
Whether it works?

73! Zbig

[Non-text portions of this message have been removed]

26728. Positioning of 204 foot doublet in 140 foot x 20 foot piece of land !!

Yahoo group: FT897 (2009)
Date: 2009-07-02 21:43:09 UTC
From: simon.worsley
Topic: 26728 Message: 26728

Gents:

I have two confessions:

We have just re-measured the plot of land and it is diferrent to what I wrote. I also just measured the 204 foot doublet as it is installed, and it is alo diferrent to what I previously wrote. Sorry !

Here are the true dimensions:

Plot of land:

140 foot long
20 foot wide

Tree in front garden wire installed at ten feet high sloping sharply up to:

Mast on side of house at 37 feet above ground level and 40 feet distance back from Tree in front garden

100 feet distance from the mast on the house to the mast at end of back garden. Wire installed at 15 feet above ground level on the back mast in the back left hand corner of garden (note the wire is diagonal over the plot as the mast is on the right of the house and mast at end of garden is on left hand corner)

Close to this mast, the wire then makes a right angle turn for 14 feet to a tree on the opposite right hand side of the garden, and then the wire makes another right angle turn TOWARDS the mast on the side of the house for 44 feet and at the end the wire is just 4 foot off the ground.

Note the centre of the doublet where it is fed, is about 15 to 20 feet directly ABOVE where one end of the wire terminates 4 foot above the ground.

My findings operating this antenna situated as above, seems to be ok on 160 metres on both TX and RX, 80 metres seems fine on both TX and RX

40m I seem to be able to hear many more stations than I can work and same on 20metres, can hear many stations but only work approx half.

Havent tried 10m yet.

All help much appreciated.

The best idea would be to have the main mast at 70 feet in the middle of the plot, but as it is attached to the house that is not possible.

When I add up the measured length of the antenna when it is situated as above the length totals 188 foot, in other words
48 foot too long for my plot. I could of course shift the antenna and have a spare 24 feet

at each end and bend it around a bit, but this doesnt bypass the problem of the main mast being just 40 feet from the front

73 Simon G7IVJ

26729. For Sale -FT-897 with Extras

Yahoo group: FT897 (2009)
Date: 2009-07-02 23:27:58 UTC
From: caseycisco
Topic: 26729 Message: 26729

I have an FT-897 not D verision for sale.

I also will include:

2 internal batteries
LDG Tuner AT-897 Attached to unit
CD-24 Charger
PA-26 AC-Charger
Original Manual

I'd hope to get $750 for the radio plus the accessories. But will negotiate.

I bought this unit on Ebay a few months ago and has worked great. However, I need something for backpacking. So I am looking to purchase an FT-817.

Would be willing to trade.

Thought I would offer it to the group before I put it out on Ebay.

Please contact me directly at KC0YDW@...
Kilo Charlie Zero Yankee Delta Whiskey [at] gmail.com

Thanks!

Casey

26730. No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-04 00:36:53 UTC
From: wschweinberg
Topic: 26730 Message: 26730

I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.

Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?

I don't know what else it could be other than a bad CAT/Linear jack

26731. Dangerous problem??

Yahoo group: FT897 (2009)
Date: 2009-07-08 07:21:59 UTC
From: ben frantzac
Topic: 26731 Message: 26731

Hello all,

I made an experimental 50 MHz antenna according to instructions by Brian G0IER. (http://www.qsl.net/g3pto/6m_dipole.html)

Something apparently went wrong. When I tested transmission with 5 watt minimum power and keyed the cw key for a second, the rig FT-897 went off and completely blank for a second. The lights off etc. Using FP-30 power supply. I thought something catastrophic happened but when testing on another band I found the rig is working still at least for the time being normally.

Wondering if that is a normal reaction when e.g. there is a short circuit in antenna or something similar. Has anybody experienced the same. Could I have damaged something in 50 MHz band? I do not have another antenna for that band and I did not dare to test the same antenna agin.

Ben

[Non-text portions of this message have been removed]

26732. RE: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-06 14:18:53 UTC
From: Bill Currier
Topic: 26698 Message: 26732

Thanks for this info, as I was unaware of this. I joined the group to monitor it, as I've been thinking of buying an FT-897. Hmmm - one strike, I think.

Bill

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Robert G. Schaffrath
Sent: Monday, July 06, 2009 8:00 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: ft-897 firmware. Is it updateable

The lack of field updating is one thing turned me off on the FT-897D even though I did buy one. ...

26733. FT-897D CAT/LINEAR Jack

Yahoo group: FT897 (2009)
Date: 2009-07-01 18:24:18 UTC
From: ve2cu
Topic: 26733 Message: 26733

Hello everyone,
Got a brand new 897D & purchased an MFJ-929 Auto tuner, as well as the MFJ-5114Y, proper Yaesu Interface cable. As per MFJ, the tuner is supposed to be powered by the FT-897 CAT jack. Power required is 12-15V @ 850ma. Once I trimmed the cable plug to properly fit in the CAT/Linear jack, plugged it in but can't power up the tuner. Yet, using an outboard 12V power supply, the tuner works perfectly. I wonder if anyone has had this problem & if so, could it simply be a bad cable or what? Please bear in mind I have no way to check voltage/current on the CAT plug. Your assistance will be deeply appreciated. Thanks in advance & kind 73, Michel VE2CU

26734. Voltage display still a mystery

Yahoo group: FT897 (2009)
Date: 2009-07-05 07:14:46 UTC
From: adeymcuk
Topic: 26734 Message: 26734

Well I never really got to the bottom of my low voltage display on the 897, I tested the PSU with a Voltmeter on full Tx I get only a very small drop, less than half a volt which seems fine to me, so If I TX at full power FM the PSU from idling at 13.8 may drop to 13.5ish but the display on the 897 shows around 12.5, so PSU tests fine, Ive tried 3 different Power cables to the 897 all exhibit the same problem, on RX the 897 shows 13.8 fine and in TX it drops about 1 Volt, the radio behaves perfectly, I get full output, it works as it should with no other issues appart from the Voltage on TX does not display correctly, not sure where to go with this one as all appears fine, its more an annoyance factor

Adrian G0KOM

26735. Need Control Cable

Yahoo group: FT897 (2009)
Date: 2009-07-01 01:55:54 UTC
From: Dennis Recla
Topic: 26735 Message: 26735

Dog ate my cable! It must have been the beef flavored PVC ;-)

Need to find a replacement control cable used between FC-30 tuner and the FT-897 Radio. HRO and others can't even tell me the part number for the cable, as it's not an accessory item.

Is there a good way to order something like this from Yaseu?
Know an alternate source?

All help is appreciated.

73
Dennis
Wa5KTC

26736. Is the FT897 subsceptable to reverse voltage polairty like the FT817?

Yahoo group: FT897 (2009)
Date: 2009-07-06 13:23:44 UTC
From: dxh
Topic: 26736 Message: 26736

I have an FT817, and they are notorious for the finals being blown by connecting power in reverse polarity or due to over voltage spikes because the finals are actually still connected to the DC Input even when the radio is off.

I even built one of the power protection kits for my FT817.
http://www.wulfden.org/TheShoppe/ft817/index.shtml

I recently purchased a FT897 as well, and I was wondering if anyone knows if the radio has the same issues.

Is there good protection against reverse polarity and/or over voltage in the 897? Or should I build something similar to provide some power input protections for my FT897D as well?

26737. Re: A strange 897 fault!

Yahoo group: FT897 (2009)
Date: 2009-06-28 21:09:09 UTC
From: pjm
Topic: 26510 Message: 26737

> I've not seen it before, but could it be a spurious/parasitic oscilation? Poor contact somewhere in the new ground path causing capacitance?
>
> - Richard

Hi Richard, all,

I checked for spurs by running the rig into a dummy load via a directional coupler, then looking at the carrier on a spec-an up to 1GHz, nothing but the usual main carrier + large lump of noise floor either side of it. I checked the tightness of the screws around the RF/PA PCB and they were reasonably tight. The odd thing about this particular fault is that it happened whilst the rig was running low power (5w) on 144MHz into a dummy load. I'm at a loss as to what caused this fault. The current fix is a small piece of kapton tape on the underside of the RF/PA metal cover that prevents the grounding strip from touching the ground of the metal cover... all very odd.

Any pointers gratefully received.

thanks and regards,

Paul M0EYT.

26738. Cat interface

Yahoo group: FT897 (2009)
Date: 2009-06-30 15:41:28 UTC
From: Iain
Topic: 26738 Message: 26738

Hi , Has anyone had success using an 897 cat interface for BOTH connecting to a PC and also controlling a linear ?

73's iain G4DPF

[Non-text portions of this message have been removed]

26739. Re: [FT897] Original Mic for 897

Yahoo group: FT897 (2009)
Date: 2009-06-28 12:09:02 UTC
From: Sandra Cavallucci
Topic: 26578 Message: 26739

hi i have one new boxed 0781 765 8921 07977 449 563

paula
s.cavallucci@...

--- On Mon, 22/6/09, Michael <n8mrc@...> wrote:

From: Michael <n8mrc@...>
Subject: [FT897] Original Mic for 897
To: FT897@yahoogroups.com
Date: Monday, 22 June, 2009, 11:22 PM

Does anyone have a spare mic for the 897 that they're not using? Let me know I'm looking for one n8mrc(at)yahoo. com Thanks

[Non-text portions of this message have been removed]

26740. thanks,

Yahoo group: FT897 (2009)
Date: 2009-07-09 01:46:18 UTC
From: mike phillippe
Topic: 26740 Message: 26740

looks like a great group. thankyou, mike n7pla

[Non-text portions of this message have been removed]

26741. RF choke advice pls

Yahoo group: FT897 (2009)
Date: 2009-07-06 21:50:04 UTC
From: simon.worsley
Topic: 26741 Message: 26741

Hi Folks,

Just about to install a HF vertical for ten metres again.

I have been advised to install an air-wound RF choke at the antenna end of the coax.

Please tell me what length of coax I should coil, and what diameter?

Coax using is Westflex 103

Thanks and best Regards, Simon

26742. FNB-78

Yahoo group: FT897 (2009)
Date: 2009-07-07 18:26:19 UTC
From: F.B.Nutter, Jr.
Topic: 26742 Message: 26742

Can the rig be powered with an external 12vdc source with the FNB-78 batterys installed?

26743. OFSET

Yahoo group: FT897 (2009)
Date: 2009-07-09 04:23:42 UTC
From: WAYNER MELLO
Topic: 26743 Message: 26743

I have a FT 897, but whenever I enter in repeater frequency and I put the ofset when I leave and I return the ofset it is not fastened.

Wayner

PU1WMS
Rio de Janeiro

[Non-text portions of this message have been removed]

26744. Re: [FT897] Great Field Day ending w/o a bill for $100

Yahoo group: FT897 (2009)
Date: 2009-06-29 16:35:10 UTC
From: Lup S. DJ7SW
Topic: 26592 Message: 26744

This failure is an old hut. In series with the dot- and dash-lines are two easyly burned 1/16Watt (!) 1kiloohm resistors. (Pos. R1565 and R1566). In case of failure change them to somewhat larger SMD 0805 chip resistors. Solder the new 1KOhms over the old ones. Add a 10nanofarad ceramic kondenser from the keyjack inputpins to ground. Add a choke in the keyer cable as recommended.
Hopefully the keyer input will now withstand its own power! Take the 100 USD and have a cool beer together with the lucky solderer (soldier hi).73 es 55 de Lup DJ7SW
Lup, DJ7SW

mailto:dj7sw@...

--- On Sun, 6/28/09, k5btk <k5btk@...> wrote:

From: k5btk <k5btk@...>
Subject: [FT897] Great Field Day ending w/o a bill for $100
To: FT897@...m
Date: Sunday, June 28, 2009, 11:24 PM

As many of you may be aware, the CW keying circuits of the FT-897 and FT-897D are easily damaged by strong RF fields as exist when operating near a portable antenna. For those not familiar with the problem, a search of the FT-897 Newsgroup archives will reveal that multiple owners have had to return the radio to Yaesu for a $100.00 repair after operating in strong RF fields. On two separate Field Day outings my FT-897 experienced this failure. After the second failure I upgraded to an FT-897D. Thinking that the problem had probably been addressed in this model, I once again went to Field Day ... and killed the keying circuit. This made three times! In the first case, I was using a Maldol (20m) whip mounted directly to the coax connector on the radio rear-panel. In the other two cases, I was operating at a transmission line length of 25 feet from a Buddipole dipole approximately 15 feet above ground. The distance from the radio to the
nearest point of the radiating element (depending on dipole orientation) was probably between 5 and 20 feet. Following the third trip back to Yaesu, the technician sent a ferrite choke to be placed on the keying lead at the male plug. But he suggested (tongue-in-cheek) that the only way to be SURE the problem wouldn't recur was to stop operating CW!

Anyway, what prompted this posting is that I HAVE JUST FINISHED FIELD DAY 2009 WITHOUT MISADVENTURE! !! I was using the Buddipole up 15 feet with its 25-foot long transmission line as I had in the previous two failures. But I ADDED 50 ADDITIONAL FEET of transmission line to get me 50 feet further away from the radiator. (I used the ferrite choke as well). Operation was on both 40m and 20m. I'm sure that people differ in their opinions as to what constitutes a successful Field Day. But for me, it was a day of fun operating CW outdoors making essentially effortless contacts and NOT ENDING WITH A FRIED RADIO.

In conclusion, if operating CW with the FT-897(D) - stay away from the antenna.

...Don (K5BTK)

[Non-text portions of this message have been removed]

26745. Re: [FT897] batteries

Yahoo group: FT897 (2009)
Date: 2009-07-06 12:49:10 UTC
From: George Hartsuch
Topic: 17604 Message: 26745

I ASS U ME the 55ah are 12vdc? If so then are you going to run them in parallel?(Sounds like wheelchair batteries) Parallel batteries have impeadance issues. So unless the batteries were made the same day, I'd suggest not hooking them up that way.
Now in series really make little difference if they are in the same condition.

Go in a good way
Geo KI4NFT

--- On Sun, 7/5/09, Ben Ramler <ben_ramler2002@...> wrote:

From: Ben Ramler <ben_ramler2002@...>
Subject: Re: [FT897] batteries
To: FT897@yahoogroups.com
Date: Sunday, July 5, 2009, 10:10 PM

Hi Lew and Group,

    I have a question. If I have to 55AH batteries connected together would that be enought to feed the FT-897D? Also I am scaling back my go kit idea. What does everyone think of this.

FT-897D   HF/VHF
FT-100   Red Cross (If needed)***
FT-7800R   APRS/Packet
FT-8800R   UHF, Crossband
VX-8R   (3)   spares
VX-7R***
Kam-XL   HF/VHF TNC

Antennas:

 RADS 9-11/A1   HF/VHF/UHF
RADS 9-11/A2-VU (3)   VHF/UHF

Coax:

 4 50ft. rolls LMR-400UFN with connectors on

Misc.

connectors, flashlight, spare batteries,

Clothes:

Worst case at least one week

__________ _________ _________ __
From: Lew Phelps K6LMP <k6lmp@...>
To: FT897@yahoogroups. com

Sent: Wednesday, June 17, 2009 9:49:18 AM
Subject: Re: [FT897] batteries

Assuming worst case, which is transmitting at 100 watts output, and assuming that you could drain the battery to 90% before its output voltage drops to the point that the transmitter will go on strike, you could transmit continuously using this battery for approximately 4 hours.

If you make more realistic assumptions, such as 50 watt transmit power and 10% transmit duty cycle, and using squelch to reduce current drain when in receive mode, you're looking at much better numbers: current drain in squelch mode is 0.6 amp; in receive mode is 1 amp; in transmit mode will be about 12.5 amps. Let's assume that in receive you're in squelch mode half the time, so your average current draw when not transmitting is 0.8 amp. If you are in receive only mode, you could operate for 90 ÷ 0.8 = 112.5 hours.

Every minute you transmit at 50 watts draws 15 times as much current as when receiving. (If you transmit SSB, the current draw will be 1/2 to 1/3 what you would use on FM or AM).

If you transmit for one hour at 50 watts FM, you consume 12.5 amperes, and thus 12.5 ampere hours, That leaves 99-12.5) ÷ 0.8 = 96.875 hours receive time.

So, to generalize as a rule of thumb, your 100 ampere hour candidate battery would allow you to operate for about 100 hours. You can scale that up or down; assume about 1 ampere hour battery capacity will give you about 1 hour of operating time at 50 watts and using squelch. You can extend the time somewhat by lowering transmit power, and by operating in SSB mode, and if you turn off squelch, which you would most likely do on HF bands using SSB, you would draw more current in receive mode.

This battery should serve you well for off-grid applications. For its amp-hour capacity, it's relatively small and light; the AGM construction means you can tip it over without spilling battery acid. It should recharge quickly. There are other deep-cycle AGM batteries on the market that I would also consider if I were buying a battery right now. For one, the Optima Yellow Top D31, which has about 75 ampere hour capacity but costs less. The Optima batteries are sold by Interstate Battery dealers, and also at Sears, and at many stores that cater to off-roaders, who are fanatic fans of Yellow Top batteries for winches. If size, weight and cost are not issues, you might want to look at the Odyssey PC1800-FT, which weighs 130 pounds but packs 214 amp hours. Also AGM spiral wound, like the Optima. It has an unusual form factor -- 22 x 12 x 5 inches -- which might be desirable and might not, depending on your intended use. See http://www.odysseyb attery.com/ .

Lew K6LMP

On Jun 16, 2009, at 6:17 PM, Ben Ramler wrote:

>
>
> So let me ask this then group,
>
> If I got an 100Mah Battery would that be enough? Please bare in
> mind this not just designed to power the 897 but other radios & a
> TNC I can recap the equipment I am going to be using if anyone
> likes? the issue is how do i charge it? My other question is even
> though the battery is charging can it still handle a load on it?
>
> I found this battery on this would this work?
>
> http://www.atbatt. com/product/ 3617.asp# tabs
>
>
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> .
>
>

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[Non-text portions of this message have been removed]

26746. Does FT-897D have same danger issues with polarity and over voltage as FT-817?

Yahoo group: FT897 (2009)
Date: 2009-07-05 03:02:58 UTC
From: dxh
Topic: 26746 Message: 26746

I have an FT-817, and they have a notorious danger with having zero protections in the design for reverse polarity or over voltage.

I went so far as to purchase the kit and build an add-on voltage polarity/over protection mod for my FT-817. Avail here: http://www.wulfden.org/TheShoppe/ft817/index.shtml

I just purchased a FT-897D and was wondering if they have the same issues and will be as likely to blow as the FT-817 was. If so, maybe I will build another version of this power protection kit for the 897D.

Thx

26747. Tuning Issue

Yahoo group: FT897 (2009)
Date: 2009-07-07 21:07:37 UTC
From: cooneye2002
Topic: 26747 Message: 26747

Hello Group,
I have a FT 897D and a LDG AT 897 antenna tuner. It will tune all the bands with a 1:1 to 1.5:1 reading. I have a G5RV 40 feet. Here's the problem......when I tune the 80 meter band, the tuner will lock up and you have to press the button several times before it will unkey. I was told that I needed to ground the radio, which I did, but I still have the issue on 80 meters. Any suggestions?
Thanks in advance.
Joe KJ4CQC

26748. No cw transmit

Yahoo group: FT897 (2009)
Date: 2009-07-04 15:55:57 UTC
From: kmiller8
Topic: 26748 Message: 26748

The FT-897D is my portable radio. I use it a few times per year. I seldom work phone, mostly cw. Today I finished setting up the radio out by the lawn chair. Plugged in the key and set the LDG tuner on 20 meters. Transmitted on cw for a few seconds then nothing. Full output on ssb. Full cw output and keying fine with MICKEY feature. But no keying therefore no output with keyer paddle or straight key plugged into rear panel key jack. I have [BK] and [KEYER] set as required. I have the key plugged into the proper jack. But no cw keying. It almost seems like the rear panel cw key jack is disconnected but it would be unlikely for all connections from it to fail at the same time. Did I select some "feature" in error that I am not aware of?
It makes no difference if I select [MICKEY] or [ELEKEY], microphone keys the radio and transmits fine, cw jack does not. I could find no reference anywhere on the web of anyone else having this happen. Any suggestions?

26749. Re: Field Day antenna

Yahoo group: FT897 (2009)
Date: 2009-07-01 21:53:40 UTC
From: daveg0sdo
Topic: 26612 Message: 26749

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> This is a wonderfully well-documented and well-conceived project.
> Thanks for sharing the info! I have been operating "portable" with a
> Yaesu ATAS-25 antenna, but find it very hard to make contacts with it,
> so I think I am going to build one of these and try it out.
>
> Lew K6LMP
>
>
>
> >
>

Hi Lew, I spoke to a Yaesu spokesperson on their stand at Dayton last month describing the problems I have had with my Atas 25 and also using extra earth wires to hopefully help but the SWR was always too high after I moved my hand away from the tuning coil. I explained my fellow radio club members could not recommend an Atas 25 after we all had a go testing it, he replied he couldn`t recommend it either !! So that was a waste of $230+ Best of luck with the replacement and all the best.

26750. Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-07-01 22:47:29 UTC
From: aero531
Topic: 26362 Message: 26750

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
I'm using HRD and a Yaesu FT-897D. I really like the way it can scan with a bandscope, control my frequency setting with better resolution than I get from the radio's physical tuning knob, and how it plugs the frequency into a log entry. My interface is via a Rig Blaster USB Plug 'n Play. This is an awkward concession as I use a SignaLink USB for digital contacts but HRD does not work with SignaLink. Configuration for the HRD is via a com port and I have the speed set for 38,400 and DTR checked. I hope this is the type of information you wanted.

73

>
>
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> [Non-text portions of this message have been removed]
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26751. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-07-02 17:42:07 UTC
From: Raymond Johnson
Topic: 26565 Message: 26751

Paul,

My FT-897D has developed the exact same problem. It is definately internal to the radio. Mine started out of no where, a couple of Sundays ago. I had set everything up to do our regular net, talked to a couple of people and shut down. When I started the net the crackle on everyones signal was so bad I could not copy anyone. My transmit signal was reported to me as perfect.

Troubleshooting so far:

1. Attached antenna dummy load crackle still there. NOTE: I had my FT-990 right next to the FT-897 no noise heard on the 990.

2. Changed power supplies - no help.

3. Checked power supplies with scope - clean power.

4. Moved power supply off of APC - UPS to line power - no change.

5. Checked AC with scope - clean.

As you mentioned it is worst on AM but present on all modes & all bands to varying degrees.

I am hoping to open it up this weekend and "poke around". Fortunately I am blessed to have an IFR-1600 Communications Monitor and a good HP Digital Scope.

I will let you know what I find. If you run accross anything I would appreciate you letting me know. The best email for me is: w7rkj@... <mailto:w7rkj@...> . If you respond to Yahoo it might take me an eternity to dig your message out of the SPAM.

73,

Raymond - W7RKJ

[Non-text portions of this message have been removed]

26752. FT897 Blinking display

Yahoo group: FT897 (2009)
Date: 2009-07-08 20:58:45 UTC
From: John
Topic: 26752 Message: 26752

Hi all,
I just got an FT897, and its defective (noy my fault thou :-)).

When i turtn on the radio, the beep sounds, but nothing else, the display is blinking, but freq. etc. can be changed.
Radio is also willing to go in to the settings mode (like power/mod etc.)
I also did a reset of the radio, but no effect.

anny ideas ???

GRTZ, 73's

Jan de Vries
PE1IYQ / DL5MDN

26753. Band selector problem

Yahoo group: FT897 (2009)
Date: 2009-07-01 22:20:11 UTC
From: cooneye2002
Topic: 26753 Message: 26753

I have had my FT 897D a couple of months and I am still in the learning mode. The other day, I was trying to put the tone in for my local repeters (2 meter and 70 CM). The tone seemed to work, but when I programed the tone for another frequency, the previous tone changed to the tone I just programed. Now here's the real problem.....I was using the band selector and noticed that the 17 meter band was duplicated. Both are on VFOa. I know there is a simple solution to the tone programing issue, but I am at a loss to figure out why I have 2 17 meter bands. Thanks in advance for your help.
Joe

26754. Signalink USB

Yahoo group: FT897 (2009)
Date: 2009-07-01 22:31:10 UTC
From: Bill Cole
Topic: 26754 Message: 26754

I am using the FT-897D with the LDG-897. I would like to combine this with a Signalink USB to do PSK-31, etc. The software I would like to use is Ham Radio Deluxe with Digital Master 780. Is anyone using this combination? How does it work? Any tips for a new user? Thank you.

26755. Accessing the features

Yahoo group: FT897 (2009)
Date: 2009-07-02 23:52:48 UTC
From: cooneye2002
Topic: 26755 Message: 26755

Hello Group,
I am a newcomer here and have had my 897 a couple of months. I am still in the learning mode. While looking over the many features, I happen to notice when I scanning through the menu, the word "skip" is present on the lower left side of the display. What does this mean? Also, I have had problems programing tone on the 2 meter band. I have followed the instructions to the best of my knowledge. I know it's some little thing that I am not doing correctly, but it's about to drive me nuts. The first frequence will work, but when I program the tone into the next frequency, the toneis set for that frequency but changes the first tone setting to the current one.
Thanks in advance for your help.
Joe Semmes
KJ4CQC

26756. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-07-07 14:53:53 UTC
From: Raymond Johnson
Topic: 26565 Message: 26756

Paul,

I have the exact same problem and my radio is about the same age as yours. It showed up about 3 weeks ago. I normally do our clubs Sunday evening net. I downloaded ARRL audio news, had someone do a level check and shut everything down. I fired everything up and started the net (about 2 hours later). Everyone said my transmit audio was fine but I could not understand anyone because of the noise, just as you describe it, like lightning crashes.

Since then I have:

1. Changed power supplies
2. Put a scope on my incomming power (clean)
3. Reset the radio to factory defaults.
4. Placed a dummy load on the antenna and tuned through the bands (noise is all over) I had my FT-990 next to the 897 and heard no problems on the 990.

So it is definately internal to the radio!

Now I am trying to find time to put it on the bench or take it to repair (and pay through the nose).

73,
Raymond - W7RKJ

26757. Re: [FT897] No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 04:56:39 UTC
From: Thomas Wilson
Topic: 26730 Message: 26757

This is a relatively common problem. There's a Zero Ohm resistor on the main board near the CAT jack that acts like a fuse. It's an SMT component, so it's small... you'll either need to replace it yourself (if you're good with SMT) or send it to Yaesu for repair.

On Fri, Jul 3, 2009 at 5:36 PM, wschweinberg <wschweinberg@...> wrote:

>
>
> I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it
> with a multimeter set to DC voltage. It did not give me 13 volts. In fact,
> it didn't appear there was any voltage. I was to use the CAT/Linear jack to
> connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per
> LDG tech. When I push the button to tune, nothing happens. He thinks it's
> notgetting power. I agreed, especially now after I measured it with a
> mutimeter.
>
> Has anyone had a problem with the CAT/Linear jack not provided the voltage?
> Is there a fuse somewhere I can replace? Is there a way to fix this?
>
> I don't know what else it could be other than a bad CAT/Linear jack
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26758. Re: No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 04:58:55 UTC
From: vk5la
Topic: 26730 Message: 26758

--- In FT897@yahoogroups.com, "wschweinberg" <wschweinberg@...> wrote:
>
> I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.
>
> Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?
>
> I don't know what else it could be other than a bad CAT/Linear jack
>
If you have "inserted a Jumper" between pins 2 and pin 5 then you have just shorted the 13.8 volts available on pin 2 to ground!
You would have blown the internal surface mount fuse which protects the rig in this very circumstance.
Check your circuit diagram.
Andy - VK5LA

26759. Re: [FT897] Dangerous problem??

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:01:51 UTC
From: Thomas Wilson
Topic: 26731 Message: 26759

I have noticed that this rig is pretty susceptible to RF feedback and similar problems, especially on certain bands. When I transmit on 440 with my PSK cable plugged in, for example, the radio hangs on TX for a second...

Are you running this antenna indoors? A couple of things to check: If you have an antenna analyzer, make sure you've got the antenna resonant. Also, don't run an anenna withiin 50' or so of your radio. I've heard of strange things happening. We just had a discussion about the keyer blowing up when operating portable, for example.

On Wed, Jul 8, 2009 at 12:21 AM, ben frantzac <cergender@...> wrote:

>
>
> Hello all,
>
> I made an experimental 50 MHz antenna according to instructions by Brian
> G0IER. (http://www.qsl.net/g3pto/6m_dipole.html)
>
> Something apparently went wrong. When I tested transmission with 5 watt
> minimum power and keyed the cw key for a second, the rig FT-897 went off and
> completely blank for a second. The lights off etc. Using FP-30 power supply.
> I thought something catastrophic happened but when testing on another band I
> found the rig is working still at least for the time being normally.
>
> Wondering if that is a normal reaction when e.g. there is a short circuit
> in antenna or something similar. Has anybody experienced the same. Could I
> have damaged something in 50 MHz band? I do not have another antenna for
> that band and I did not dare to test the same antenna agin.
>
> Ben
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26760. Re: [FT897] FT-897D CAT/LINEAR Jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:04:10 UTC
From: Thomas Wilson
Topic: 26733 Message: 26760

Heh. We just had another post talking about a bad CAT plug.

In short: don't use the CAT plug. It's easy to blow the surface mount fuse, in which case it's a trip to Yaesu for a repair. Run it on external power (there are lots of options... I've even seen one guy mount a pair of binding posts on the back of his radio near the power port.)

On Wed, Jul 1, 2009 at 11:24 AM, ve2cu <michel.st_hilaire@...>wrote:

>
>
> Hello everyone,
> Got a brand new 897D & purchased an MFJ-929 Auto tuner, as well as the
> MFJ-5114Y, proper Yaesu Interface cable. As per MFJ, the tuner is supposed
> to be powered by the FT-897 CAT jack. Power required is 12-15V @ 850ma. Once
> I trimmed the cable plug to properly fit in the CAT/Linear jack, plugged it
> in but can't power up the tuner. Yet, using an outboard 12V power supply,
> the tuner works perfectly. I wonder if anyone has had this problem & if so,
> could it simply be a bad cable or what? Please bear in mind I have no way to
> check voltage/current on the CAT plug. Your assistance will be deeply
> appreciated. Thanks in advance & kind 73, Michel VE2CU
>
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26761. Re: [FT897] Tuning Issue

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:07:58 UTC
From: Larry D. Barr, K5WLF
Topic: 26747 Message: 26761

I had a similar problem with the same equipment and solved it by putting a 1:1 balun in the antenna line. Seems RF was getting in either the tuner or the radio and keeping the radio locked in XMT. I used a balun from Balun Designs, but you may be able to solve the problem with a simple coax choke of about eight turns of coax. If not, get a commercial balun.

73,
ldb
K5WLF

cooneye2002 wrote:
> Hello Group, I have a FT 897D and a LDG AT 897 antenna tuner. It will
> tune all the bands with a 1:1 to 1.5:1 reading. I have a G5RV 40
> feet. Here's the problem......when I tune the 80 meter band, the
> tuner will lock up and you have to press the button several times
> before it will unkey. I was told that I needed to ground the radio,
> which I did, but I still have the issue on 80 meters. Any
> suggestions? Thanks in advance. Joe KJ4CQC

26762. Re: [FT897] Original Mic for 897

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:09:54 UTC
From: Thomas Wilson
Topic: 26578 Message: 26762

I also have the original mic. If you still need it, you can e-mail me directly or call.

You didn't mention what country you're in.. international shipping can be a pain. I'm in the US (Califfornia)

wilsontp@...

-Tom
KI6ABZ
619-212-6311

On Sun, Jun 28, 2009 at 5:09 AM, Sandra Cavallucci <s.cavallucci@...>wrote:

>
>
> hi i have one new boxed 0781 765 8921 07977 449 563
>
> paula
> s.cavallucci@... <s.cavallucci%40yahoo.com>
>
> --- On Mon, 22/6/09, Michael <n8mrc@... <n8mrc%40yahoo.com>> wrote:
>
> From: Michael <n8mrc@... <n8mrc%40yahoo.com>>
> Subject: [FT897] Original Mic for 897
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Date: Monday, 22 June, 2009, 11:22 PM
>
> Does anyone have a spare mic for the 897 that they're not using? Let me
> know I'm looking for one n8mrc(at)yahoo. com Thanks
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26763. Re: [FT897] RF choke advice pls

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:10:53 UTC
From: Thomas Wilson
Topic: 26741 Message: 26763

You wind about 10' of coax at about a 6" diameter. this is supposed to help prevent RF from coming back on the shield.

On Mon, Jul 6, 2009 at 2:50 PM, simon.worsley <simon.worsley@...>wrote:

>
>
> Hi Folks,
>
> Just about to install a HF vertical for ten metres again.
>
> I have been advised to install an air-wound RF choke at the antenna end of
> the coax.
>
> Please tell me what length of coax I should coil, and what diameter?
>
> Coax using is Westflex 103
>
> Thanks and best Regards, Simon
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26764. Re: [FT897] Re: Anyone use this radio with HRD

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:17:58 UTC
From: Thomas Wilson
Topic: 26362 Message: 26764

HRD doesn't use a Signalink because the Signalink is not a CAT adapter, it's an audio interface.

To use HRD and Digital Master 780 together, you do need both a sound card interface (such as the Signalink) and a CAT connection to the radio, hence the two different connections.

On Wed, Jul 1, 2009 at 3:47 PM, aero531 <aero531@...> wrote:

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Darren S
> <Darrenls21@...> wrote:
> >
> I'm using HRD and a Yaesu FT-897D. I really like the way it can scan with a
> bandscope, control my frequency setting with better resolution than I get
> from the radio's physical tuning knob, and how it plugs the frequency into a
> log entry. My interface is via a Rig Blaster USB Plug 'n Play. This is an
> awkward concession as I use a SignaLink USB for digital contacts but HRD
> does not work with SignaLink. Configuration for the HRD is via a com port
> and I have the speed set for 38,400 and DTR checked. I hope this is the type
> of information you wanted.
>
> 73
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> > [Non-text portions of this message have been removed]
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>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26765. Re: [FT897] No cw transmit

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:15:31 UTC
From: Thomas Wilson
Topic: 26748 Message: 26765

it sounds like you've been bitten by the keyer bug.

We just finished a conversation about this: apparently, there's an RF feedback problem that occurs when you're to close to the antenna...

If you will check back a couple of messages on the archives, theres a post that talks about replacing a couple of resistors with higher-wattage units.

Also, if you're using a straight key or an external keyer, you can actually key with the data port. Put the rig in CW mode and connect the key acrooss the PTT and ground lines. I've accidentally triggered a CW tone more than once while working on an accessory going through the data port.

On Sat, Jul 4, 2009 at 8:55 AM, kmiller8 <kmiller8@...> wrote:

>
>
> The FT-897D is my portable radio. I use it a few times per year. I seldom
> work phone, mostly cw. Today I finished setting up the radio out by the lawn
> chair. Plugged in the key and set the LDG tuner on 20 meters. Transmitted on
> cw for a few seconds then nothing. Full output on ssb. Full cw output and
> keying fine with MICKEY feature. But no keying therefore no output with
> keyer paddle or straight key plugged into rear panel key jack. I have [BK]
> and [KEYER] set as required. I have the key plugged into the proper jack.
> But no cw keying. It almost seems like the rear panel cw key jack is
> disconnected but it would be unlikely for all connections from it to fail at
> the same time. Did I select some "feature" in error that I am not aware of?
> It makes no difference if I select [MICKEY] or [ELEKEY], microphone keys
> the radio and transmits fine, cw jack does not. I could find no reference
> anywhere on the web of anyone else having this happen. Any suggestions?
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26766. Re: [FT897] Accessing the features

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:25:22 UTC
From: Thomas Wilson
Topic: 26755 Message: 26766

Are you saving the tones to memory locations? The tone is not saved for each frequency... it's global. If you set it to 107.2, it will stay that way as long as you're in VFO mode (at least on that band...)

If you manually tune to 147.05 and set the PL to 100, then tune to 145.1 and set the tone to 107.2, then tune back to 147.05, the tone isn't going to resset automatically to 100...

what you have to do is set up your radio for a repeater, make sure you can talk on the repeater, then use the MW button to save the setting. you have to long-press MW once, use the Dial to find an empty memory location, then long-press MW again. to recall that repeater's settings, use the V/M button on the top-right of the radio.

As to the Skip feature... pressing it hides the menu item. You can show all the hidden menus by going to the first menu item and turning it ON. I spent about 20 minutes one day just going through and choosing the menu items I use most and un-skipping those (hiding the rest.) Now I only have to flip through about 10 menu items instead of something like 80.

On Thu, Jul 2, 2009 at 4:52 PM, cooneye2002 <cooneye2002@...> wrote:

>
>
> Hello Group,
> I am a newcomer here and have had my 897 a couple of months. I am still in
> the learning mode. While looking over the many features, I happen to notice
> when I scanning through the menu, the word "skip" is present on the lower
> left side of the display. What does this mean? Also, I have had problems
> programing tone on the 2 meter band. I have followed the instructions to the
> best of my knowledge. I know it's some little thing that I am not doing
> correctly, but it's about to drive me nuts. The first frequence will work,
> but when I program the tone into the next frequency, the toneis set for that
> frequency but changes the first tone setting to the current one.
> Thanks in advance for your help.
> Joe Semmes
> KJ4CQC
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26767. Re: [FT897] Signalink USB

Yahoo group: FT897 (2009)
Date: 2009-07-09 05:31:42 UTC
From: Thomas Wilson
Topic: 26754 Message: 26767

I have used this combination successfully... the LDG tuner only uses the CAT port for power, so you can use the second CAT connector on the tuner to control the radio. Set the radio's CAT/TUNER menu to CAT. If you use the one-touch cable, you can tune by just pressing the button on the tuner.. If you don't use the one-touch cable, you need to key the radio in AM mode, then press the button to tune.

The Signalink USB does a good job with this radio, but the audio output on the data port is pretty weak; you'll probably want to plug in the receive sensitivity jumper... I'm not using it on mine, and with the RX knob turned all the way up, I don't get very strong receive audio. It's fine for PSK work, but it's no good for Echolink or audio recording. However, my external Creative sound card gets plenty of signal from the same connector.

One thing you can do is experiment with the jumpers. Rather than using the 1200 pin on the data portfor PSK audio, use the 9600 pin. This has a slightly hotter signal, but the line is not squelched... so it won't work for Echolink or recording, but it will give you a stronger trace on PSK.

On Wed, Jul 1, 2009 at 3:31 PM, Bill Cole <bcole3@...> wrote:

>
>
> I am using the FT-897D with the LDG-897. I would like to combine this with
> a Signalink USB to do PSK-31, etc. The software I would like to use is Ham
> Radio Deluxe with Digital Master 780. Is anyone using this combination? How
> does it work? Any tips for a new user? Thank you.
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26768. Re: [FT897] Cat interface

Yahoo group: FT897 (2009)
Date: 2009-07-09 06:28:50 UTC
From: Richard Corfield
Topic: 26738 Message: 26768

I've not tried it, but the manual or somewhere suggests that you can run CAT through the microphone socket.

- Richard (M0RJC)

2009/6/30 Iain <iain@...>

>
>
> Hi , Has anyone had success using an 897 cat interface for BOTH connecting
> to a PC and also controlling a linear ?
>
> 73's iain G4DPF
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

26769. Re: [FT897] Dangerous problem??

Yahoo group: FT897 (2009)
Date: 2009-07-09 07:41:54 UTC
From: Paul Graham
Topic: 26731 Message: 26769

Hello Ben,

I've found my 897 reacts strangely to RF coming back own the coax (at least I think that's what it is). I have an inverted L that happily turns the fast tune on and off when I'm on 80m SSB. My guess is it might be able to turn the radio off if I was on CW (I am guessing here mind).
My 897 once did a full reset. I can only put this down to a similar sort of thing.

Has anyone else had strange happenings with their 897?

Paul
2E0RAK

From: ben frantzac <cergender@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 8 July, 2009 8:21:59
Subject: [FT897] Dangerous problem??

Hello all,

I made an experimental 50 MHz antenna according to instructions by Brian G0IER. (http://www.qsl. net/g3pto/ 6m_dipole. html)

Something apparently went wrong. When I tested transmission with 5 watt minimum power and keyed the cw key for a second, the rig FT-897 went off and completely blank for a second. The lights off etc. Using FP-30 power supply. I thought something catastrophic happened but when testing on another band I found the rig is working still at least for the time being normally.

Wondering if that is a normal reaction when e.g. there is a short circuit in antenna or something similar. Has anybody experienced the same. Could I have damaged something in 50 MHz band? I do not have another antenna for that band and I did not dare to test the same antenna agin.

Ben

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26770. Re: TX noise, RX birdies for Yaesu FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-09 08:55:20 UTC
From: Jochen - DG2IAQ
Topic: 26727 Message: 26770

Yes it works !

Done in three FT-897D and two FT-857D. Works great and the "train sound with open window" is drastically reduced, on FM not hearable anymore - and on SSB drastically lower or also not hearable.

The only disadvantage is, that the MAIN UNIT needs to be removed as the wire only can be set on the down side of the PCB.

vy 73,
Jochen (DG2IAQ)

--- In FT897@yahoogroups.com, "zbinio20022002" <sp3rny@...> wrote:
>
>
> Does anyone tried to perform the modification:
> http://mods.dk/view.php?ArticleId=3845
> <http://mods.dk/view.php?ArticleId=3845>
> Whether it works?
>
> 73! Zbig
>
>
>
> [Non-text portions of this message have been removed]
>

26771. Re: voltage display mystery

Yahoo group: FT897 (2009)
Date: 2009-07-09 09:23:25 UTC
From: Dave Nelson
Topic: 26771 Message: 26771

Hi Adrian,
you still havent said WHERE you measured the voltage ???
At the PSU terminals or at the transceiver end of the cable... If as I am guessing you measured the minor V drop at the PSU terminals then your radio display is telling you what everyone else has been telling you .... ;)
it is showing you the voltage drop across the cable between the PSU and the transceiver :) This WILL happen, you CANT avoid it and the more power out the bigger the drop will be .... you can only lessen the drop a bit (its all relative)
by the use of BIG cables ie ... as thick and as short as practical :)
AND of course a a PSU that doesnt sag under hi current load
On HF/6M 100W out its gonna draw ~ 20-22Amps !!!! My switchmode PSU is rated at 40A on peaks ie WELL above max current draw of the radio

my 897D shows 13.6V in the display
on 70cm FM (with full output, 20W) my display V drops to 13.0V
on 2m FM (with full output, 50W) my display V drops to 12.7V
on HF and SSB mode and brief whistles into the mike ...
ie ... producing ~ 100W out it can drop closer to 12V 12.2-12.5 area

I have ~ 2ft of reasonably heavy cable from PSU to rig and I could definately improve those V drops if I so desired I'm not particularly worried abt it

and I will shout it from the mountain tops to all who complain abt their FT897's ;)
I LOVE MY 897D Damn its a great radio it "IS THE BEST" value for money of any multiband - multimode tranceiver out there

cheers
Dave
VK2TDN

At 04:31 AM 7/9/2009 +0000, you wrote:
>12. Voltage display still a mystery
> Posted by: "adeymcuk" adrian@... adeymcuk
> Date: Wed Jul 8, 2009 9:31 pm ((PDT))
>
>Well I never really got to the bottom of my low voltage display on the
>897, I tested the PSU with a Voltmeter on full Tx I get only a very small
>drop, less than half a volt which seems fine to me, so If I TX at full
>power FM the PSU from idling at 13.8 may drop to 13.5ish but the display
>on the 897 shows around 12.5, so PSU tests fine, Ive tried 3 different
>Power cables to the 897 all exhibit the same problem, on RX the 897 shows
>13.8 fine and in TX it drops about 1 Volt, the radio behaves perfectly, I
>get full output, it works as it should with no other issues appart from
>the Voltage on TX does not display correctly, not sure where to go with

>this one as all appears fine, its more an annoyance factor
>
>Adrian G0KOM

26772. Re: [FT897] Re: ft-897 firmware. Is it updateable

Yahoo group: FT897 (2009)
Date: 2009-07-09 09:30:27 UTC
From: Darren S
Topic: 26698 Message: 26772

The hardware and software approach both effectively change the country code of the radio so repeater offsets are effected. You can but repeaters in memory though.

From: elohym2003 <kc8lqv@...>
To: FT897@yahoogroups.com
Sent: Thursday, 9 July, 2009 2:55:12
Subject: [FT897] Re: ft-897 firmware. Is it updateable

What about the repeater offsets??? When you do the hard mod, you loose them. Will this help??? My 897 (non D)had the mod done when I bought it used. If the repeater offsets can be restored, I will un-do the mod and do it this way.

Steve/KC8LQV

--- In FT897@yahoogroups. com, Darren S <Darrenls21@ ...> wrote:
>
> the programme you are referring to is called "Softjump"
>
>
>
>
> ---
> From: Thomas Wilson <wilsontp@.. .>
> To: FT897@yahoogroups. com
> Sent: Monday, 6 July, 2009 22:28:30
> Subject: Re: [FT897] Re: ft-897 firmware. Is it updateable
>
>
>
>
>
> There is a DOS program floating around that can supposedly do this on the
> non D models, but you have to have a physical serial port (not a USB
> converter) on COM1 for this to work. All the program does is send a CAT
> command, which you can also do via HAM Radio Deluxe. Note, this does not
> work on the FT-897D.
>
> I would suggest using HRD's custom CAT command screen to try sending 00 04
> 00 00 BB first and see what result you get. WRITE THIS DOWN.
> Then try sending the write command: 00 04 00 00 BC. Then you have to
> power-cycle the radio. If that works, you should have all tx frequencies
> open.
>
> If the write is successful, you should get a response of 0. If you get any
> other response, the radio is probably blocking the write request (meaning

> you have to open the radio and do the jumper modification instead.)
>
> If it doesn't work, you can try some other values:
> 00 04 *37 06* BC opens up receive on the Japanese model
>
> Here's how it breaks down:
> bytes 1-2: Address
> bytes 3-4: Value
> byte 5: BC-Write to memory. BB - READ from memory
>
> For example,
> 00 04 *12 34* BC would write the value "1234" to memory location 0004.
> 00 08 00 00 BB reads memory location 0008
>
> If some other folks (with an opened up TX) can report back what their radio
> shows when they run the READ command (00 04 00 00 BB), maybe Danny can try
> one of those settings.
>
> From what I've read, entering an invalid value should not damage the radio
> (you can just write back your original setting.), but all the usual
> disclaimers apply: your risk, your responsibility.
>
> On Mon, Jul 6, 2009 at 1:41 PM, Danny Loyd<ke5wdi@ hifivers. net> wrote:
> >
> >
> > I have a FT897 (non-D) and was wondering if I have to send it to Yaesu to
> > have the 60 Meter band opened up for transmit or is there another way to
> do
> > that?
> >
> > Danny Loyd
> > KE5WDI
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26773. Re: [FT897] OFSET

Yahoo group: FT897 (2009)
Date: 2009-07-09 09:31:20 UTC
From: Darren S
Topic: 26743 Message: 26773

store it in a memory.

_____
From: WAYNER MELLO <wayner_santos@...>
To: FT897@yahoogroups.com
Sent: Thursday, 9 July, 2009 5:23:42
Subject: [FT897] OFSET

I have a FT 897, but whenever I enter in repeater frequency and I put the ofset when I leave and I return the ofset it is not fastened.

Wayner

PU1WMS
Rio de Janeiro

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26774. unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 09:33:04 UTC
From: Darren S
Topic: 26774 Message: 26774

Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know who owns an 897 has an n-type for vhf. Why the difference?

26775. Re: No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 10:03:14 UTC
From: kbrown1075
Topic: 26730 Message: 26775

I had the same problem recently. The SMT fuse for the CAT port had blown. My 897 is still under warranty so I sent it back to Yaesu. The radio was quickly repaired and returned to me. All I paid was to ship it to them. Yaesu paid to send it back to me.

If I recall, I believe that is a 2.5A SMT fuse. If this happens again, when it is out of warranty, I will change that fuse myself.

Good luck
73's
Kirk, N1TVF

--- In FT897@yahoogroups.com, "wschweinberg" <wschweinberg@...> wrote:
>
> I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.
>
> Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?
>
> I don't know what else it could be other than a bad CAT/Linear jack
>

26776. Re: TX noise, RX birdies for Yaesu FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-09 10:14:16 UTC
From: pedrocorreia1111
Topic: 26727 Message: 26776

It works great.

I was very disapointed with this "bug", the noise was earlable on my TX monitor. Afther this fix it's great! You have to be carefull, you need to remove the main unit. If you are not confortable with this, document yourself the best you can about opening the FT-897.

73, Pedro

CT2GET

--- In FT897@yahoogroups.com, "Jochen - DG2IAQ" <dg2iaq-mails@...> wrote:
>
> Yes it works !
>
> Done in three FT-897D and two FT-857D. Works great and the "train sound with open window" is drastically reduced, on FM not hearable anymore - and on SSB drastically lower or also not hearable.
>
> The only disadvantage is, that the MAIN UNIT needs to be removed as the wire only can be set on the down side of the PCB.
>
> vy 73,
> Jochen (DG2IAQ)
>
>
>
> --- In FT897@yahoogroups.com, "zbinio20022002" <sp3rny@> wrote:
> >
> >
> > Does anyone tried to perform the modification:
> > http://mods.dk/view.php?ArticleId=3845
> > <http://mods.dk/view.php?ArticleId=3845>
> > Whether it works?
> >
> > 73! Zbig
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

26777. Re: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 10:21:42 UTC
From: Joe
Topic: 26774 Message: 26777

Both my FT-857D and FT-897D have SO-239's for both HF and VHF

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Darren S" <Darrenls21@...>
Subject: [FT897] unusual so239

>
> Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know
> who owns an 897 has an n-type for vhf. Why the difference?

26778. RE: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 10:34:02 UTC
From: John Johnson
Topic: 26774 Message: 26778

The US models have (or had) two SO239 whereas the EU models have had SO239 for HF/6m and N-type for 2m/70cm since the D model or before. Can't say which variant they ship in other territories or whether it's changed in the US or EU at any time during production.

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: 09 July 2009 11:33
To: FT897@yahoogroups.com
Subject: [FT897] unusual so239

Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know who owns an 897 has an n-type for vhf. Why the difference?

[Non-text portions of this message have been removed]

26779. Re: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 10:41:16 UTC
From: Randy Charles Ford
Topic: 26774 Message: 26779

The US version has the SO239 connector, while the EU version has an N connector. I'm not sure about other markets, but I think North America may be the only place to use the UHF connector.

73,
kg4jix randy.

On Thursday 09 July 2009 04:33:04 Darren S wrote:
> Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know
> who owns an 897 has an n-type for vhf. Why the difference?

26780. Re: [FT897] Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-07-09 11:05:45 UTC
From: N4CQR
Topic: 26565 Message: 26780

Bad filter. Sent mine back to Yaesu for repair about a month or so ago. Under warranty and turn around was exactally 7 days.

When I brought this up earlier I called it a static crash type of sound.

Craig
 --- On Thu, 7/2/09, Raymond Johnson <w7rkj@...> wrote:

> From: Raymond Johnson <w7rkj@...>
> Subject: [FT897] Re: FT-897D Cracklin Receive Audio on FM

26781. Re: Signalink USB

Yahoo group: FT897 (2009)
Date: 2009-07-09 12:55:29 UTC
From: k4lmp
Topic: 26754 Message: 26781

--- In FT897@yahoogroups.com, "Bill Cole" <bcole3@...> wrote:
>
> I am using the FT-897D with the LDG-897. I would like to combine this with a Signalink USB to do PSK-31, etc. The software I would like to use is Ham Radio Deluxe with Digital Master 780. Is anyone using this combination? How does it work? Any tips for a new user? Thank you.
>
I use this combo w/my 897D and it works great. No low audio out of the data jack on my end, the rx gain is set below halfway, tx gain set about 1/4 for 30 watts output. Works great, all I did was set the initial jumper settings for the radio, didn't have to set any jumpers for extra audio output or anything. The best interface for digital modes in my opinion is the Signalink USB. I use HRD and DM-780, and they are great, you can do almost anything with this combination.

Jeff
K4LMP

26782. Re: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 13:49:11 UTC
From: Darren S
Topic: 26774 Message: 26782

One got shipped to the uk because i've got it but after factory reset it's country codes, repeater settings are UK.

From: John Johnson <g6vzm@...>
To: FT897@yahoogroups.com
Sent: Thursday, 9 July, 2009 11:34:02
Subject: RE: [FT897] unusual so239

The US models have (or had) two SO239 whereas the EU models have had SO239 for HF/6m and N-type for 2m/70cm since the D model or before. Can't say which variant they ship in other territories or whether it's changed in the US or EU at any time during production.

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S
Sent: 09 July 2009 11:33
To: FT897@yahoogroups. com
Subject: [FT897] unusual so239

Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know who owns an 897 has an n-type for vhf. Why the difference?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26783. Re: [FT897] RF choke advice pls

Yahoo group: FT897 (2009)
Date: 2009-07-09 13:48:36 UTC
From: af2c@njdxa.org
Topic: 26741 Message: 26783

Simon -

You might want to Google " UGLY BALUN." The length of cable used is usually dependent on range of bands you wish to cover.

Use of about 20 feet of coax wound around a form (Like a piece of 4" PVC pipe) will probably do the trick for you.

73,
Jay/AF2C

At 09:50 PM 7/6/2009 +0000, you wrote:

>Hi Folks,
>
>Just about to install a HF vertical for ten metres again.
>
>I have been advised to install an air-wound RF choke at the antenna end of
>the coax.
>
>Please tell me what length of coax I should coil, and what diameter?
>
>Coax using is Westflex 103
>
>Thanks and best Regards, Simon

26784. Re: Power cycling on xmit UPDATE

Yahoo group: FT897 (2009)
Date: 2009-07-09 14:24:37 UTC
From: Chris
Topic: 26585 Message: 26784

I tried into the dummyload and it wouldn't do it so i started going over all my connections....everything checked out ok, twice

so i'm about to tear my hair out when i saw that i had left my USB CAT cable plugged into the radio but not into my laptop which is in use at work...unplugged it a VOILA! no more odd issues, it has no choke or any filtering and i guess it was acting as an antenna and feeding back into the cat plug

so off to Rat shack to buy a ferrite....and tie a string on my finger so i can remember to unplug the CAT cable in the future

--- In FT897@yahoogroups.com, "Chris" <yote127@...> wrote:
>
> Anyone heard of a problem with a power cycle/reset in the middle of transmitting? it's worse on 10M than other bands
>

26785. Re: [FT897] Voltage display still a mystery

Yahoo group: FT897 (2009)
Date: 2009-07-09 14:24:45 UTC
From: af2c@njdxa.org
Topic: 26734 Message: 26785

GM Adrian -

Good bet that the AWG of the internal wiring of display is not sufficient
to give you an accurate reading when in transmit. The display idea was a
good idea, but the readings sometimes makes one scratch their head.

73,
Jay/AF2C

At 07:14 AM 7/5/2009 +0000, you wrote:

>Well I never really got to the bottom of my low voltage display on the
>897, I tested the PSU with a Voltmeter on full Tx I get only a very small
>drop, less than half a volt which seems fine to me, so If I TX at full
>power FM the PSU from idling at 13.8 may drop to 13.5ish but the display
>on the 897 shows around 12.5, so PSU tests fine, Ive tried 3 different
>Power cables to the 897 all exhibit the same problem, on RX the 897 shows
>13.8 fine and in TX it drops about 1 Volt, the radio behaves perfectly, I
>get full output, it works as it should with no other issues appart from
>the Voltage on TX does not display correctly, not sure where to go with
>this one as all appears fine, its more an annoyance factor
>
>Adrian G0KOM

26786. Re: [FT897] Re: Power cycling on xmit UPDATE

Yahoo group: FT897 (2009)
Date: 2009-07-09 14:37:42 UTC
From: Thomas Wilson
Topic: 26585 Message: 26786

I have had a LOT of problems with RF through the CAT port... even putting chokes on the cable hasn't helped me much. I can basically crash my computer if I transmit on 20 meters with the cat cable plugged and my computer plugged in to my KVM switch...

Since serial port isolators can be pretty expensive, I'm considering trying to find a Bluetooth serial port adapter. It's just a little box with a Bluetooth radio and a DB9 port on the side. If I power that from the radio's power supply, that should *completely *isolate the radio from the computer.

On Thu, Jul 9, 2009 at 7:24 AM, Chris <yote127@...> wrote:

>
>
> I tried into the dummyload and it wouldn't do it so i started going over
> all my connections....everything checked out ok, twice
>
> so i'm about to tear my hair out when i saw that i had left my USB CAT
> cable plugged into the radio but not into my laptop which is in use at
> work...unplugged it a VOILA! no more odd issues, it has no choke or any
> filtering and i guess it was acting as an antenna and feeding back into the
> cat plug
>
> so off to Rat shack to buy a ferrite....and tie a string on my finger so i
> can remember to unplug the CAT cable in the future
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Chris" <yote127@...>
> wrote:
> >
> > Anyone heard of a problem with a power cycle/reset in the middle of
> transmitting? it's worse on 10M than other bands
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26787. Re: Cat interface

Yahoo group: FT897 (2009)
Date: 2009-07-09 14:52:49 UTC
From: Greg Mc
Topic: 26738 Message: 26787

Hi -

I do this on my rig. I built a short cable (.25m) with a male mini-DIN plug on one end and a female on the other. It connects between the radio and the CAT cable to the computer.

At one end of the short cable, I pulled the keying line and a ground out and connected them to an RCA plug for the linear. The computer does not need this signal for CAT control, and the linear doesn't need any of the other lines.

Works dead solid perfect.

73 es gl OM.

K7GLM

--- In FT897@yahoogroups.com, "Iain" <iain@...> wrote:
>
> Hi , Has anyone had success using an 897 cat interface for BOTH connecting
> to a PC and also controlling a linear ?
>
> 73's iain G4DPF

26788. Re: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-09 15:53:01 UTC
From: K9ZTV
Topic: 26774 Message: 26788

Darren . . .

Early FT-897s for American markets were fitted with SO-239s for both HF and VHF.

Those slated for foreign markets had different connectors for VHF.

What Yaesu is doing with later batches and the "D" model, I have no idea.

There's nothing wrong with your rig. I've used mine on both HF and VHF with SO-239s since purchasing it in 2002.

Yaesu is notorious for making changes without explanations. They are also notorious for effecting upgrades without telling anyone or allowing retrofitting. Worse, they do their utmost to keep you from talking directly to a service technician (not the same as a service counselor).

This is why I no longer buy Yaesu products despite 30 years of purchasing them.

You might want to consider Elecraft next time for the opposite of all the above reasons.

73,

Kent K9ZTV

Darren S wrote:
>
>
>
> Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i
> know who owns an 897 has an n-type for vhf. Why the difference?
>
>

[Non-text portions of this message have been removed]

26789. Re: [FT897] No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 17:02:24 UTC
From: Danny Loyd
Topic: 26730 Message: 26789

Check you menu for the CAT/Linear/Tuner and make sure it is set for CAT.

Danny
KE5WDI

From: wschweinberg <wschweinberg@...>
To: FT897@yahoogroups.com
Sent: Friday, July 3, 2009 7:36:53 PM
Subject: [FT897] No voltage on CAT/Linear jack

I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.

Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?

I don't know what else it could be other than a bad CAT/Linear jack

[Non-text portions of this message have been removed]

26790. Re: [FT897] TX noise, RX birdies for Yaesu FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-09 17:12:54 UTC
From: "Glenn (KØBO)"
Topic: 26727 Message: 26790

If your radio is new, Yaesu will do the mod for free.

I recommend it

zbinio20022002 wrote:
> Does anyone tried to perform the modification:
> http://mods.dk/view.php?ArticleId=3845
> <http://mods.dk/view.php?ArticleId=3845>
> Whether it works?
>
> 73! Zbig
>
>

26791. cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-09 23:57:32 UTC
From: TED
Topic: 26791 Message: 26791

I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET AND STILL HAVE THE SAME PROBLEM
THANK YOU VERY MUCH
JACK

26792. RE: [FT897] cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 01:53:50 UTC
From: D. F.
Topic: 26791 Message: 26792

Did you forget the offset? In the US, 2m offset is 600 Khz, while 440 offset is 5 Mhz. You will also need to know if it is a positive or negative offset. Check local ham group websites for the proper codes, offsets or consult the ARRL repeater directory or there are a few you can find online (don't know what the URL for the websites are - sorry!).

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of TED
Sent: Thursday, July 09, 2009 18:58
To: FT897@yahoogroups.com
Subject: [FT897] cannot enter a frequency to work

I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET AND STILL HAVE THE SAME PROBLEM
THANK YOU VERY MUCH
JACK

[Non-text portions of this message have been removed]

26793. Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 02:21:09 UTC
From: TED
Topic: 26791 Message: 26793

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> offset is 5 Mhz. You will also need to know if it is a positive or
> negative offset. Check local ham group websites for the proper codes,
> offsets or consult the ARRL repeater directory or there are a few you
> can find online (don't know what the URL for the websites are - sorry!).
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> TED
> Sent: Thursday, July 09, 2009 18:58
> To: FT897@yahoogroups.com
> Subject: [FT897] cannot enter a frequency to work
>
> off set, now you got me, I entered - the frequency, the ctcss tone,
now please how do I enter the 5 MHZ, I did not see thst on page 35, I am getting old.
thank you
Jack
>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency
> into memory and hear the guys talking but I cannot talk out to them on
> the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND
> (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING
> (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET
> AND STILL HAVE THE SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
> [Non-text portions of this message have been removed]
>

26794. Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 02:23:18 UTC
From: Stewart Nelson
Topic: 26791 Message: 26794

The off sets are programed in unless you have changed it. If they are set to automatic under repeater they will shift or not shift when they read your frequency if you are in the simplex range they will not change. Look at the top left on the display. When you see the "TON" you are adding a tone to your transmission. Remember that you should probably be changing the frequency when you turn the little side dial. If everything is working properly when you key up you should see the frequency shift on the screen. There are a few odd places that use a different off set, but I wouldn't worry about them. I was checking my radio and it wasn't showing an off set, it wasn't showing because I was in a simplex part of the band. Good luck. Let the radio do the thinking for you.

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> offset is 5 Mhz. You will also need to know if it is a positive or
> negative offset. Check local ham group websites for the proper codes,
> offsets or consult the ARRL repeater directory or there are a few you
> can find online (don't know what the URL for the websites are - sorry!).
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> TED
> Sent: Thursday, July 09, 2009 18:58
> To: FT897@yahoogroups.com
> Subject: [FT897] cannot enter a frequency to work
>
>
>
>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency
> into memory and hear the guys talking but I cannot talk out to them on
> the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND
> (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING
> (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET
> AND STILL HAVE THE SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
> [Non-text portions of this message have been removed]

>

26795. Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 02:28:04 UTC
From: Stewart Nelson
Topic: 26791 Message: 26795

On the lst posting I forgot my call sign, sorry KD5LBE
--- In FT897@yahoogroups.com, "Stewart Nelson" <morriltonmayor@...> wrote:
>
> The off sets are programed in unless you have changed it. If they are set to automatic under repeater they will shift or not shift when they read your frequency if you are in the simplex range they will not change. Look at the top left on the display. When you see the "TON" you are adding a tone to your transmission. Remember that you should probably be changing the frequency when you turn the little side dial. If everything is working properly when you key up you should see the frequency shift on the screen. There are a few odd places that use a different off set, but I wouldn't worry about them. I was checking my radio and it wasn't showing an off set, it wasn't showing because I was in a simplex part of the band. Good luck. Let the radio do the thinking for you.
>
> --- In FT897@yahoogroups.com, "D. F." <n8bmb1@> wrote:
> >
> > Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> > offset is 5 Mhz. You will also need to know if it is a positive or
> > negative offset. Check local ham group websites for the proper codes,
> > offsets or consult the ARRL repeater directory or there are a few you
> > can find online (don't know what the URL for the websites are - sorry!).
> >
> > Dennis - N8BMB
> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > TED
> > Sent: Thursday, July 09, 2009 18:58
> > To: FT897@yahoogroups.com
> > Subject: [FT897] cannot enter a frequency to work
> >
> >
> >
> >
> >
> >
> > I tried to enter 145-280 fm using the manual, can enter the frequency
> > into memory and hear the guys talking but I cannot talk out to them on
> > the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND
> > (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> > repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING
> > (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> > IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET
> > AND STILL HAVE THE SAME PROBLEM
> > THANK YOU VERY MUCH
> > JACK
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

26796. Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 02:49:56 UTC
From: TED
Topic: 26791 Message: 26796

--- In FT897@yahoogroups.com, "Stewart Nelson" <morriltonmayor@...> wrote:
>
> On the lst posting I forgot my call sign, sorry KD5LBE
> --- In FT897@yahoogroups.com, "Stewart Nelson" <morriltonmayor@> wrote:
> >
> > The off sets are programed in unless you have changed it. If they are set to automatic under repeater they will shift or not shift when they read your frequency if you are in the simplex range they will not change. Look at the top left on the display. When you see the "TON" you are adding a tone to your transmission. Remember that you should probably be changing the frequency when you turn the little side dial. If everything is working properly when you key up you should see the frequency shift on the screen. There are a few odd places that use a different off set, but I wouldn't worry about them. I was checking my radio and it wasn't showing an off set, it wasn't showing because I was in a simplex part of the band. Good luck. Let the radio do the thinking for you.
> >
THANK YOU THE OFF SET THEN IS AUTOMATIC, I SEE IT, NOW WHAT SHOULD I DO TO BE ABLE TO HIT THE 145-28O- REPEATER

> > --- In FT897@yahoogroups.com, "D. F." <n8bmb1@> wrote:
> > >
> > > Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> > > offset is 5 Mhz. You will also need to know if it is a positive or
> > > negative offset. Check local ham group websites for the proper codes,
> > > offsets or consult the ARRL repeater directory or there are a few you
> > > can find online (don't know what the URL for the websites are - sorry!).
> > >
> > > Dennis - N8BMB
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > > TED
> > > Sent: Thursday, July 09, 2009 18:58
> > > To: FT897@yahoogroups.com
> > > Subject: [FT897] cannot enter a frequency to work
> > >
> > >
> > >
> > >
> > >
> > > I tried to enter 145-280 fm using the manual, can enter the frequency
> > > into memory and hear the guys talking but I cannot talk out to them on
> > > the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND
> > > (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> > > repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING
> > > (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.

> > > IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET
> > > AND STILL HAVE THE SAME PROBLEM
> > > THANK YOU VERY MUCH
> > > JACK
> > >
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> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

26797. RE: [FT897] Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 03:27:21 UTC
From: D. F.
Topic: 26791 Message: 26797

It should figure automatically which way is supposed to shift (+ or -), but find out if you need to set it. I THINK it is a positive offset.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of TED
Sent: Thursday, July 09, 2009 21:50
To: FT897@yahoogroups.com
Subject: [FT897] Re: cannot enter a frequency to work

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stewart Nelson" <morriltonmayor@...> wrote:
>
> On the lst posting I forgot my call sign, sorry KD5LBE
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stewart Nelson" <morriltonmayor@> wrote:
> >
> > The off sets are programed in unless you have changed it. If they are set to automatic under repeater they will shift or not shift when they read your frequency if you are in the simplex range they will not change. Look at the top left on the display. When you see the "TON" you are adding a tone to your transmission. Remember that you should probably be changing the frequency when you turn the little side dial. If everything is working properly when you key up you should see the frequency shift on the screen. There are a few odd places that use a different off set, but I wouldn't worry about them. I was checking my radio and it wasn't showing an off set, it wasn't showing because I was in a simplex part of the band. Good luck. Let the radio do the thinking for you.
> >
THANK YOU THE OFF SET THEN IS AUTOMATIC, I SEE IT, NOW WHAT SHOULD I DO TO BE ABLE TO HIT THE 145-28O- REPEATER

> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D. F." <n8bmb1@> wrote:
> > >
> > > Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> > > offset is 5 Mhz. You will also need to know if it is a positive or
> > > negative offset. Check local ham group websites for the proper codes,
> > > offsets or consult the ARRL repeater directory or there are a few you
> > > can find online (don't know what the URL for the websites are -

sorry!).
> > >
> > > Dennis - N8BMB
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On
Behalf Of
> > > TED
> > > Sent: Thursday, July 09, 2009 18:58
> > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > > Subject: [FT897] cannot enter a frequency to work
> > >
> > >
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> > >
> > > I tried to enter 145-280 fm using the manual, can enter the
frequency
> > > into memory and hear the guys talking but I cannot talk out to
them on
> > > the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE
(TEN) AND
> > > (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> > > repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY
USING
> > > (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> > > IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY
RESET
> > > AND STILL HAVE THE SAME PROBLEM
> > > THANK YOU VERY MUCH
> > > JACK
> > >
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> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

[Non-text portions of this message have been removed]

26798. RE: [FT897] unusual so239

Yahoo group: FT897 (2009)
Date: 2009-07-10 09:09:14 UTC
From: Eric van de Weyer
Topic: 26774 Message: 26798

Australian Models also have the N connector for V/U

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Joe
Sent: Thursday, 9 July 2009 20:22
To: FT897@yahoogroups.com
Subject: Re: [FT897] unusual so239

Both my FT-857D and FT-897D have SO-239's for both HF and VHF

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Darren S" <Darrenls21@...>
Subject: [FT897] unusual so239

>
> Hello. My ft-897 has an so239 for both hf and vhf/uhf yet everyone i know
> who owns an 897 has an n-type for vhf. Why the difference?

Yahoo! Groups Links

26799. Re: [FT897] Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 09:45:17 UTC
From: Darren S
Topic: 26791 Message: 26799

The offsets are dependent on what country the radio is set to.

From: Stewart Nelson <morriltonmayor@...>
To: FT897@yahoogroups.com
Sent: Friday, 10 July, 2009 3:23:18
Subject: [FT897] Re: cannot enter a frequency to work

The off sets are programed in unless you have changed it. If they are set to automatic under repeater they will shift or not shift when they read your frequency if you are in the simplex range they will not change. Look at the top left on the display. When you see the "TON" you are adding a tone to your transmission. Remember that you should probably be changing the frequency when you turn the little side dial. If everything is working properly when you key up you should see the frequency shift on the screen. There are a few odd places that use a different off set, but I wouldn't worry about them. I was checking my radio and it wasn't showing an off set, it wasn't showing because I was in a simplex part of the band. Good luck. Let the radio do the thinking for you.

--- In FT897@yahoogroups. com, "D. F." <n8bmb1@...> wrote:
>
> Did you forget the offset? In the US, 2m offset is 600 Khz, while 440
> offset is 5 Mhz. You will also need to know if it is a positive or
> negative offset. Check local ham group websites for the proper codes,
> offsets or consult the ARRL repeater directory or there are a few you
> can find online (don't know what the URL for the websites are - sorry!).
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
> TED
> Sent: Thursday, July 09, 2009 18:58
> To: FT897@yahoogroups. com
> Subject: [FT897] cannot enter a frequency to work
>
>
>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency
> into memory and hear the guys talking but I cannot talk out to them on
> the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND
> (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900
> repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING
> (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET

> AND STILL HAVE THE SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26800. Re: [FT897] cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 10:59:59 UTC
From: P Grant
Topic: 26791 Message: 26800

Hello Jack

Looks and sounds like you are missing the "repeater shift" locked in for your Repeater / TX frequency, on the 145.280 Megs.

I do not know what repeater shift you have in your country,,, Here in Ireland, we have 2 M band repeaters,,, -600KHz,,, 70 cms Band +1600 KHz. ... Menu 76. then insert the ... (+ or -) and all will be well.

Regards Peter EI4HX
----- Original Message -----
From: TED
To: FT897@yahoogroups.com
Sent: Thursday, July 09, 2009 11:57 PM
Subject: [FT897] cannot enter a frequency to work

I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET AND STILL HAVE THE SAME PROBLEM
THANK YOU VERY MUCH
JACK

[Non-text portions of this message have been removed]

26801. Strange RIG behavior on power up usually due to PTT or key closure

Yahoo group: FT897 (2009)
Date: 2009-07-10 13:26:47 UTC
From: ve3wmb
Topic: 26801 Message: 26801

I am sure that this topic must have been discussed previously but I thought that I would mention my recent experiences hopefully to benefit any newcomers that have not yet seen this.

Let me start by saying that my FT-897D is well travelled as I carry it back and forth between home and my cottage (it is my cottage rig) in a Pelican case. This means that I am frequently disconnecting and reconnecting the rig.

What I had discovered previously and re-discovered last week was that if you plug the mic, key, digi-interface etc into the rig and power it up and it seems to be misbehaving (i.e will not change frequency despite the lack of LOCK) it is usually the result of the PTT/key being closed at power up. This seems to put the rig into a very funny state. If I recall correctly I had BK and KYR enabled but I ended up with a straight key plugged in with a mono plug so the rig was immediately in TX on power up and that seems to be the trigger.

The solution is of course to power the radio down then disconnect everything except for the power and the antenna and then power the radio back up. Then as you reconnect your key/paddle, mic etc you should then discover the culprit.

I had this happen once before when I accidentally pushed the LOCK button on my Yaesu Desk mic before connecting it to the rig and then powering up. Note under these circumstances the rig doesn't go into TX (if it did it would be easier to figure out) it is receiving, but you can't change the frequency, nor can you transmit.

Cheers,

Michael VE3WMB / VA2NB

26802. Re: [FT897] Strange RIG behavior on power up usually due to PTT or key closure

Yahoo group: FT897 (2009)
Date: 2009-07-10 14:22:54 UTC
From: John Dennett
Topic: 26801 Message: 26802

Hehe...

I never considered that an issue, my daughter is forever pressing the
desk mic's lock button...I don't think I even power it down, just
clear the lock, and it's good.

73
N1XHZ
John

On Fri, Jul 10, 2009 at 9:26 AM, ve3wmb<mbabineau@...> wrote:
>
>
> I am sure that this topic must have been discussed previously but I thought
> that I would
> mention my recent experiences hopefully to benefit any newcomers that have
> not yet
> seen this.
>
> Let me start by saying that my FT-897D is well travelled as I carry it back
> and forth between home and my cottage (it is my cottage rig) in a Pelican
> case. This means that I am frequently disconnecting and reconnecting the
> rig.
>
> What I had discovered previously and re-discovered last week was that if you
> plug the mic, key, digi-interface etc into the rig and power it up and it
> seems to be misbehaving (i.e will not change frequency despite the lack of
> LOCK) it is usually the result of the PTT/key being closed at power up. This
> seems to put the rig into a very funny state. If I recall correctly I had BK
> and KYR enabled but I ended up with a straight key plugged in with a mono
> plug so the rig was immediately in TX on power up and that seems to be the
> trigger.
>
> The solution is of course to power the radio down then disconnect everything
> except for the power and the antenna and then power the radio back up. Then
> as you reconnect your key/paddle, mic etc you should then discover the
> culprit.
>
> I had this happen once before when I accidentally pushed the LOCK button on
> my Yaesu
> Desk mic before connecting it to the rig and then powering up. Note under
> these circumstances the rig doesn't go into TX (if it did it would be easier
> to figure out)
> it is receiving, but you can't change the frequency, nor can you transmit.

>
> Cheers,
>
> Michael VE3WMB / VA2NB
>
>

--
May you live as long as you wish and love as long as you live.
Robert A. Heinlein

26803. Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 14:41:30 UTC
From: TED
Topic: 26791 Message: 26803

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
> Hello Jack
>
> Looks and sounds like you are missing the "repeater shift" locked in for your Repeater / TX frequency, on the 145.280 Megs.
>
> I do not know what repeater shift you have in your country,,, Here in Ireland, we have 2 M band repeaters,,, -600KHz,,, 70 cms Band +1600 KHz. ... Menu 76. then insert the
> ... (+ or -) and all will be well.
>
> Regards Peter EI4HX
> ----- Original Message -----
> From: TED
> To: FT897@yahoogroups.com
> Sent: Thursday, July 09, 2009 11:57 PM
> Subject: [FT897] cannot enter a frequency to work
>
> HELLO PETER AND THANK YOU, I CHECKED THE BAND SET AND IT IS OK .060 MHZ, IF YOU CAN THINK OF ANYTHING ELSE IT WOULD BE GREAT
JACK KG6UGS

>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET AND STILL HAVE THE SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26804. XMIT AFFECTING PC

Yahoo group: FT897 (2009)
Date: 2009-07-10 17:06:23 UTC
From: n3zjy
Topic: 26804 Message: 26804

I have read some threads about xmitting causing PC problems. My problems are usually while tuning in AM mode and include: audio buzz; screen flicker; and USB disconnect. I'm not sure what device is disconnecting but it usually reconnects. So RF is getting in somewhere. I obviously need some beads. I know mix 43 works well. Anyone have a good cheap supplier?

Dave N3ZJY

26805. RE: [FT897] Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 17:08:44 UTC
From: D. F.
Topic: 26791 Message: 26805

Just an inquiry - did you look at page 34 (Repeater Operation) in your manual by chance? Directions seem pretty cut and dry to me.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of TED
Sent: Friday, July 10, 2009 09:42
To: FT897@yahoogroups.com
Subject: [FT897] Re: cannot enter a frequency to work

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "P Grant" <ei4hxperimental@...> wrote:
>
> Hello Jack
>
> Looks and sounds like you are missing the "repeater shift" locked in for your Repeater / TX frequency, on the 145.280 Megs.
>
> I do not know what repeater shift you have in your country,,, Here in Ireland, we have 2 M band repeaters,,, -600KHz,,, 70 cms Band +1600 KHz. .... Menu 76. then insert the
> ... (+ or -) and all will be well.
>
> Regards Peter EI4HX
> ----- Original Message -----
> From: TED
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Sent: Thursday, July 09, 2009 11:57 PM
> Subject: [FT897] cannot enter a frequency to work
>
> HELLO PETER AND THANK YOU, I CHECKED THE BAND SET AND IT IS OK .060 MHZ, IF YOU CAN THINK OF ANYTHING ELSE IT WOULD BE GREAT
JACK KG6UGS

>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET

AND STILL HAVE THE SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26806. RE: [FT897] Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-10 17:10:26 UTC
From: Michael Walker (VA3MW)
Topic: 26791 Message: 26806

Simple to remember. For the most part, all offsets below 146.995 are -
0.600khz. Above that they are plus.

So, that makes 145.28 a minus offset.

UHF is almost always +5.00 mhz.

Don't worry about 220mhz!

Mike VA3MW

From: D. F. [mailto:n8bmb1@...]
Sent: Thursday, July 09, 2009 11:27 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: cannot enter a frequency to work

It should figure automatically which way is supposed to shift (+ or -),
but find out if you need to set it. I THINK it is a positive offset.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of
TED
Sent: Thursday, July 09, 2009 21:50
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Re: cannot enter a frequency to work

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "Stewart
Nelson" <morriltonmayor@...> wrote:
>
> On the lst posting I forgot my call sign, sorry KD5LBE
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com,
"Stewart Nelson" <morriltonmayor@> wrote:
> >
> > The off sets are programed in unless you have changed it. If they
are set to automatic under repeater they will shift or not shift when
they read your frequency if you are in the simplex range they will not
change. Look at the top left on the display. When you see the "TON" you
are adding a tone to your transmission. Remember that you should
probably be changing the frequency when you turn the little side dial.
If everything is working properly when you key up you should see the
frequency shift on the screen. There are a few odd places that use a
different off set, but I wouldn't worry about them. I was checking my
radio and it wasn't showing an off set, it wasn't showing because I was

in a simplex part of the band. Good luck. Let the radio do the thinking
for you.
> >
THANK YOU THE OFF SET THEN IS AUTOMATIC, I SEE IT, NOW WHAT SHOULD I DO
TO BE ABLE TO HIT THE 145-28O- REPEATER

> > --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, "D.
F." <n8bmb1@> wrote:
> > >
> > > Did you forget the offset? In the US, 2m offset is 600 Khz, while
440
> > > offset is 5 Mhz. You will also need to know if it is a positive or
> > > negative offset. Check local ham group websites for the proper
codes,
> > > offsets or consult the ARRL repeater directory or there are a few
you
> > > can find online (don't know what the URL for the websites are -
sorry!).
> > >
> > > Dennis - N8BMB
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On
Behalf Of
> > > TED
> > > Sent: Thursday, July 09, 2009 18:58
> > > To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > > Subject: [FT897] cannot enter a frequency to work
> > >
> > >
> > >
> > >
> > >
> > > I tried to enter 145-280 fm using the manual, can enter the
frequency
> > > into memory and hear the guys talking but I cannot talk out to
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> > > IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY
RESET
> > > AND STILL HAVE THE SAME PROBLEM
> > > THANK YOU VERY MUCH
> > > JACK
> > >

> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26807. Re: [FT897] XMIT AFFECTING PC

Yahoo group: FT897 (2009)
Date: 2009-07-10 18:27:30 UTC
From: Thomas Wilson
Topic: 26804 Message: 26807

I'm assuming you have the computer and radio connected via a CAT cable.

I have the same problems. My USB-Serial port adapter will disconnect when I transmit on HF, leaving the radio stuck in transmit mode (When it's being keyed by software.) The problem is that RF is leaving the radio through your CAT or USB cable.

Do you have any problems when the radio is completely disconnected from the computer?

This is a ground loop... You have the computer and radio connected to ground at 2 different places, and you're getting an RF voltage across your ground lines. differential. Since the shortest path to ground is through your computer, the electrons are travelling from your computer's ground, through your USB cable, and in to the CAT port on the back of your radio.

Unless I miss my guess, your computer is grounded and your radio isn't. You might try running a nice, fat ground wire from the radio to your power strip. Keep it short, though... one way to do this is to buy a male power plug at Home Depot (or wherever), and just connect your ground wire to the power plug's ground pin. Then just plug it in to your power strip. By providing a shorter path to ground, you should prevent the worst of the RF from going through your computer.

If you still get problems, you can try lifting the ground on the computer. Get a 2-wire adapter while you're at the Home Depot, and plug your power strip in to that. This should leave your computer *ungrounded.* Run a second wire from the radio's ground lug to the little tab on the 2-wire adapter.

So you should now have 1 wire going from the outlet strip to the back of your radio and a second wire going from the radio to the wall. This should (fingers crossed) allow the RF to pass from your radio to the electrical ground without going through the computer. But it may increase RFI on your TV's or telephones.

Solution #2: If the above didn't work, try an isolated serial port. My solution was to get a Bluetooth serial port, such as the IOGear GBS 301<http://www.iogear.com/product/GBS301/>.
Since the computer is physically isolated from the radio, that should prevent RF from going back through your USB cable. I have one of those on order; it should be here next week.

On Fri, Jul 10, 2009 at 10:06 AM, n3zjy <jdkopke@...> wrote:

>
>
> I have read some threads about xmitting causing PC problems. My problems

> are usually while tuning in AM mode and include: audio buzz; screen flicker;
> and USB disconnect. I'm not sure what device is disconnecting but it usually
> reconnects. So RF is getting in somewhere. I obviously need some beads. I
> know mix 43 works well. Anyone have a good cheap supplier?
>
> Dave N3ZJY
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26808. Re: [FT897] No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 06:24:18 UTC
From: Lup S. DJ7SW
Topic: 26730 Message: 26808

In line withe the voltage is a very little fuse F1001, 3.15A. It is a very very smal chip-fuse, what can not even be seen by most of the readers here. If you want to buy one, the part number is KAB-2402-322NA31 an the YAESU Part number is Q0000087. I like to built the softrockboards with lots of smd parts, but this little damned fuse lead me to same very bad words against those enineers, who inventet this bullshit. I was not able to solder this little gimmick, so i wired a bypass with a inlinefuse from pin1 of the CAT/LIN socket to the next +12V point. Beware! thats no job for beginners with bad eyes.....55
Lup, DJ7SW

mailto:dj7sw@...

--- On Sat, 7/4/09, wschweinberg <wschweinberg@...> wrote:

From: wschweinberg <wschweinberg@...>
Subject: [FT897] No voltage on CAT/Linear jack
To: FT897@yahoogroups.com
Date: Saturday, July 4, 2009, 2:36 AM

I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.

Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?

I don't know what else it could be other than a bad CAT/Linear jack

[Non-text portions of this message have been removed]

26809. Re: Accessing the features

Yahoo group: FT897 (2009)
Date: 2009-07-09 13:56:42 UTC
From: cooneye2002
Topic: 26755 Message: 26809

Good Morning Tom,
Thanks for the help. That solved the tone setting issue. The skip feature is great and I plan to do the same as you have done. Please excuse the multiple posts. The group owner has been away and I could not understand why my messages were not being posted (first time poster). But now I'm all set to go.
Thanks again.
Joe
KJ4CQC

26810. Re: No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 15:26:22 UTC
From: wschweinberg
Topic: 26730 Message: 26810

I ended up soldering a 3amp pico fuse to each end of the SMT fuse. The AT-897 Tuner works like a charm now.

Before I actually soldered it on, I confirmed no continuity between each side of the SMT fuse with my multimeter set to measure ohms. Then I held a jumper between each side, and measured the voltage from pins 2 and 5 on the jack, and got 13.5 volts. At that point it was just a matter of soldering the pico fuse in place. Ended being a lot easier than I thought. Saves the expense of sending it to Yaesu for repairs.

--- In FT897@yahoogroups.com, "kbrown1075" <kirkann@...> wrote:
>
> I had the same problem recently. The SMT fuse for the CAT port had blown. My 897 is still under warranty so I sent it back to Yaesu. The radio was quickly repaired and returned to me. All I paid was to ship it to them. Yaesu paid to send it back to me.
>
> If I recall, I believe that is a 2.5A SMT fuse. If this happens again, when it is out of warranty, I will change that fuse myself.
>
> Good luck
> 73's
> Kirk, N1TVF
>
> --- In FT897@yahoogroups.com, "wschweinberg" <wschweinberg@> wrote:
> >
> > I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.
> >
> > Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?
> >
> > I don't know what else it could be other than a bad CAT/Linear jack
> >
>

26811. Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-09 19:51:29 UTC
From: David Moorman
Topic: 26811 Message: 26811

Hello All-

I picked up an FT-897 and have used it on VHF so far. The plan is to put it in the car and do mobile HF and VHF, and a DTMF mic would be helpful there.

Does anyone have one for sale?

Thanks,

Dave K9SW

26812. Re: [FT897] FT897 Blinking display

Yahoo group: FT897 (2009)
Date: 2009-07-10 16:57:41 UTC
From: Gabriel-Florin MIHAILA
Topic: 26752 Message: 26812

Hi Jan,
I have the same issue here. The FT897D worked fine till two days ago. I was using it on 2m band, some repeater chat. Then the next day when I have it powered up the display started blinking on every band. There is also no audio but if I let it powered for some time (can be seconds or minutes) then eratically the display will stand still and the green RX led lit, there will be sound (like white noise with some barely heard transmissions - which are not heard by another trx in the same displayed frequency).
Also, if I try to press the PTT on any band (inside the ham radio allocated bands) the display will show "TX ERROR" .
The display stands still though if I get in settings menu via "F" button.
I have tried reseting it with V/M &F pressed at startup, changing antennas but still no joy. I am so upset eek.
Would be nice if anybody gives us some clue on what to do as I do not think that the rig is "dead".
Kind regards,
Gabi - YO4HEK

--- On Wed, 7/8/09, John <jdv.vcomm@...> wrote:

From: John <jdv.vcomm@...>
Subject: [FT897] FT897 Blinking display
To: FT897@yahoogroups.com
Date: Wednesday, July 8, 2009, 4:58 PM

Hi all,

I just got an FT897, and its defective (noy my fault thou :-)).

When i turtn on the radio, the beep sounds, but nothing else, the display is blinking, but freq. etc. can be changed.

Radio is also willing to go in to the settings mode (like power/mod etc.)

I also did a reset of the radio, but no effect.

anny ideas ???

GRTZ, 73's

Jan de Vries

PE1IYQ / DL5MDN

[Non-text portions of this message have been removed]

26813. ldg z100

Yahoo group: FT897 (2009)
Date: 2009-07-09 18:02:39 UTC
From: watchmaker1961
Topic: 26813 Message: 26813

hi all i was thinking about using the cat port on the 897d to power the ldg z100 tuner the specs for the tuner says 7 to 18v and 300ma but i dont know the ampage output of the port any ideas before i make one
many thanks peter g7mei

26814. Re: [FT897] Dangerous problem??

Yahoo group: FT897 (2009)
Date: 2009-07-09 04:47:34 UTC
From: Keith
Topic: 26731 Message: 26814

On Wed, 8 Jul 2009, Ben frantzac wrote:

> Hello all,
>
> I made an experimental 50 MHz antenna according to instructions by Brian
> G0IER. (http://www.qsl.net/g3pto/6m_dipole.html)
>
> Something apparently went wrong. When I tested transmission with 5 watt
> minimum power and keyed the cw key for a second, the rig FT-897 went off
> and completely blank for a second. The lights off etc. Using FP-30 power
> supply. I thought something catastrophic happened but when testing on
> another band I found the rig is working still at least for the time
> being normally.
>
> Wondering if that is a normal reaction when e.g. there is a short
> circuit in antenna or something similar. Has anybody experienced the
> same. Could I have damaged something in 50 MHz band? I do not have
> another antenna for that band and I did not dare to test the same
> antenna agin.
>
> Ben
>

The best thing to do is get a dummy load and try out a transmission
on 50 MHZ.

--
Best Regards, Keith AC7XC
My Home Page http://home.comcast.net/~kilowattradio/

[Non-text portions of this message have been removed]

26815. Re: No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-09 15:18:53 UTC
From: wschweinberg
Topic: 26730 Message: 26815

"jumper" was not the best term to use. I did not jump across from pin 2 to pin 5. I inserted separate leads to each pin on the jack, then measured the voltage across the leads with a multimeter set to measure DC voltage.

Of course, I gues you could have inferred that since I stated I used a multimeter to measure the voltage. If I had jumped it with a single wire across both pins, then I would not have two leads to measure the voltage with mu multimeter

--- In FT897@yahoogroups.com, "vk5la" <vk5la@...> wrote:
>
> --- In FT897@yahoogroups.com, "wschweinberg" <wschweinberg@> wrote:
> >
> > I inserted a jumper to pin 2 (+13.5 volts) and pin 5 (gnd) and measured it with a multimeter set to DC voltage. It did not give me 13 volts. In fact, it didn't appear there was any voltage. I was to use the CAT/Linear jack to connect the LDG AT897 Tuner. It gets its power from the CAT/Linear jack per LDG tech. When I push the button to tune, nothing happens. He thinks it's notgetting power. I agreed, especially now after I measured it with a mutimeter.
> >
> > Has anyone had a problem with the CAT/Linear jack not provided the voltage? Is there a fuse somewhere I can replace? Is there a way to fix this?
> >
> > I don't know what else it could be other than a bad CAT/Linear jack
> >
> If you have "inserted a Jumper" between pins 2 and pin 5 then you have just shorted the 13.8 volts available on pin 2 to ground!
> You would have blown the internal surface mount fuse which protects the rig in this very circumstance.
> Check your circuit diagram.
> Andy - VK5LA
>

26816. Re: [FT897] No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-10 18:41:33 UTC
From: Lew Phelps K6LMP
Topic: 26730 Message: 26816

I recently replaced this fuse, which is about as long (larger dimension) as a grain of rice is across the grain (short dimension. The fuse is 1mm x 2 mm. It is absolute hell to replace. I bought four of them from Digikey, and managed to lose three of them before finally getting one soldered into place. If I had to do it again, I would most certainly do it differently. The approach that I had considered was to remove the SMD fuse, solder small leads (1/8 watt resistor leads, for example) onto each of the pins, cut the leads to about 1/2 inch length, and then solder a mini cartridge fuse to the two leads. That would be MUCH easier, and would give the same protection.

Alternatively, one could use a small inline fuse holder, either for a cartridge fuse or for an automotive "spade lug: type fuse. There is ample room on the circuit board at that location; you could practically install a golf ball. I have no clue why Yaesu engineers designed this bit of circuitry to maximize the difficulty of replacing a blown fuse.

From prior discussion on this list, this seems to be a fairly common problem.

73,

Lew Phelps K6LMP
Pasadena, CA
Yaesu FT-897D
K6LMP@...

[Non-text portions of this message have been removed]

26817. Re: [FT897] XMIT AFFECTING PC

Yahoo group: FT897 (2009)
Date: 2009-07-10 19:31:56 UTC
From: Charles Scott
Topic: 26804 Message: 26817

Dave:

Yes, RF is getting somewhere. The problem is that if you are chasing the symptoms by applying chokes and such to the PC you will be forever playing catchup as minor things change or you change frequency. The best approach is to fix the cause, which is RF getting to the vicinity of your computer.

Every installation is different and some antenna installations are so close to your equipment, house wiring, and home electronics, that it's all in the near-field and you will have to break those conductors up with chokes. In other situations, the antenna may be some distance away from what's being affected, but transmission lines, control cables, or even ground lines can be conducting RF into the shack and the vicinity of your computer.

Not knowing the particulars of your installation, I can't give you much specific help. In general, though, antennas should be reasonably well separated from your shack, house wiring, and anything else that may pick up RF, antennas should be oriented to help minimize coupling into those things, and the antenna should be configured to radiate as much energy as possible and not induce RF onto feed lines and such. This means having a good counterpoise or balanced antenna and appropriate baluns or chokes at the feed point (other than for open line feed).

I'm sure if you explain your situation further, you'll get more specific help.

Chuck - N8DNX

n3zjy wrote:
> I have read some threads about xmitting causing PC problems. My problems are usually while tuning in AM mode and include: audio buzz; screen flicker; and USB disconnect. I'm not sure what device is disconnecting but it usually reconnects. So RF is getting in somewhere. I obviously need some beads. I know mix 43 works well. Anyone have a good cheap supplier?
>
> Dave N3ZJY
>
>
>

26818. Re: [FT897] FT897 Blinking display

Yahoo group: FT897 (2009)
Date: 2009-07-10 19:38:02 UTC
From: Minto Witteveen
Topic: 26752 Message: 26818

AFAIR a blinking display means that the main PLL oscillator fails to lock.

regards,

Minto pa3bca

----- Original Message -----
From: "Gabriel-Florin MIHAILA" <mgf_braila@...>
To: <FT897@yahoogroups.com>
Sent: Friday, July 10, 2009 18:57
Subject: Re: [FT897] FT897 Blinking display

Hi Jan,
I have the same issue here. The FT897D worked fine till two days ago. I was using it on 2m band, some repeater chat. Then the next day when I have it powered up the display started blinking on every band. There is also no audio but if I let it powered for some time (can be seconds or minutes) then eratically the display will stand still and the green RX led lit, there will be sound (like white noise with some barely heard transmissions - which are not heard by another trx in the same displayed frequency).
Also, if I try to press the PTT on any band (inside the ham radio allocated bands) the display will show "TX ERROR" .
The display stands still though if I get in settings menu via "F" button.
I have tried reseting it with V/M &F pressed at startup, changing antennas but still no joy. I am so upset eek.
Would be nice if anybody gives us some clue on what to do as I do not think that the rig is "dead".
Kind regards,
Gabi - YO4HEK

--- On Wed, 7/8/09, John <jdv.vcomm@...> wrote:

From: John <jdv.vcomm@...>
Subject: [FT897] FT897 Blinking display
To: FT897@yahoogroups.com
Date: Wednesday, July 8, 2009, 4:58 PM

Hi all,

I just got an FT897, and its defective (noy my fault thou :-)).

When i turtn on the radio, the beep sounds, but nothing else, the display is blinking, but freq. etc. can be changed.

Radio is also willing to go in to the settings mode (like power/mod etc.)

I also did a reset of the radio, but no effect.

anny ideas ???

GRTZ, 73's

Jan de Vries

PE1IYQ / DL5MDN

[Non-text portions of this message have been removed]

26819. Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-10 19:45:09 UTC
From: w6ur
Topic: 26819 Message: 26819

Hi all,

This may be a dumb question but here goes: I have 2 same brand, same model number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr output for my FT-897D. Is this feasible or are there possible problems?

TIA,

Lou - W6UR

26820. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:02:25 UTC
From: Thomas Wilson
Topic: 26811 Message: 26820

Rather than pay retail price, I picked up one EBay for quite a bit cheaper...

but look out for guys selling the mic for $30 and then charging $40 for shipping. Those are unethical sellers. They're selling an item cheaper to avoid EBay's fees; only buy from a seller that's charging around $10 or less for shipping. I think that, with shipping, I paid about $60 for mine.

Also, when you plug it in, go in and turn your SSB gain down to about 10. If I run it any higher than that on mine, I get severe overdrive... it's terrible.

On Thu, Jul 9, 2009 at 12:51 PM, David Moorman <dmoorman4@...>wrote:

>
>
> Hello All-
>
> I picked up an FT-897 and have used it on VHF so far. The plan is to
> put it in the car and do mobile HF and VHF, and a DTMF mic would be
> helpful there.
>
> Does anyone have one for sale?
>
> Thanks,
>
> Dave K9SW
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26821. Re: [FT897] ldg z100

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:04:32 UTC
From: Thomas Wilson
Topic: 26813 Message: 26821

In a word: don't.

You're better off using the power connector on the back of the radio (for a while, I just stuck the wires in the back of the power plug) or going directly to your power supply. I've also seen guys solder to the power leads inside the radio, bringing power out through the vent next to the power jack.

The port has an internal fuse that's *not* user-replaceable; it's easy to pop it and be stuck with no CAT port.

On Thu, Jul 9, 2009 at 11:02 AM, watchmaker1961 <watchmaker1961@...>wrote:

>
>
> hi all i was thinking about using the cat port on the 897d to power the ldg
> z100 tuner the specs for the tuner says 7 to 18v and 300ma but i dont know
> the ampage output of the port any ideas before i make one
> many thanks peter g7mei
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26822. Re: [FT897] No voltage on CAT/Linear jack

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:08:08 UTC
From: Thomas Wilson
Topic: 26730 Message: 26822

If I ever break my CAT port, I'm going to create a short extension cable... with the power line connected directly to the radio's power supply (with an in-line fuse, of course.) That should solve the problem. :-) That would also give me the chance to rig a breakout box for a tuner and/or linear.

On Fri, Jul 10, 2009 at 11:41 AM, Lew Phelps K6LMP <k6lmp@...> wrote:

>
>
> I recently replaced this fuse, which is about as long (larger
> dimension) as a grain of rice is across the grain (short dimension.
> The fuse is 1mm x 2 mm. It is absolute hell to replace. I bought
> four of them from Digikey, and managed to lose three of them before
> finally getting one soldered into place. If I had to do it again, I
> would most certainly do it differently. The approach that I had
> considered was to remove the SMD fuse, solder small leads (1/8 watt
> resistor leads, for example) onto each of the pins, cut the leads to
> about 1/2 inch length, and then solder a mini cartridge fuse to the
> two leads. That would be MUCH easier, and would give the same
> protection.
>
> Alternatively, one could use a small inline fuse holder, either for a
> cartridge fuse or for an automotive "spade lug: type fuse. There is
> ample room on the circuit board at that location; you could
> practically install a golf ball. I have no clue why Yaesu engineers
> designed this bit of circuitry to maximize the difficulty of replacing
> a blown fuse.
>
> From prior discussion on this list, this seems to be a fairly common
> problem.
>
> 73,
>
> Lew Phelps K6LMP
> Pasadena, CA
> Yaesu FT-897D
> K6LMP@... <K6LMP%40mac.com>
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson

wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26823. Re: [FT897] Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:25:12 UTC
From: Thomas Wilson
Topic: 26819 Message: 26823

I've looked in to this before and discovered that half the "experts" I talk to say "bad idea", and the other half say "it's no problem."

Boats often use more than one battery for extended power; you'll see guys run 2 or more batteries in parallel to get the best possible run time. While this is done pretty often, some people don't like it, since a strong battery can discharge in to a weak one, cutting down your overall capacity.

Personally, I don't like running batteries in parallel. Even if the batteries don't equalize, there's more risk than gain. There's no real benefit to doing this: at best, you'll get the same total run time (with one exception... I'll explain that in a minute) as the two batteries by themselves. At worst, as the batteries age, one will wear out a little more quickly, causing an imbalance and eventually wearing out the other one even faster.

Now for the only reason you would potentially see a benefit: a battery will give fewer amp-hours when you're discharging it faster, but this ratio depends on a lot of things... at the amperage level of the FT-897 with large-capacity batteries, that difference may be pretty small. On a smaller battery (say a gel-cel), drawing current at 20 amps may reduce the total capacity more quickly. By running the batteries in parallel, you're drawing 10A off each battery when transmitting at full power (rather than drawing 20A off of one.)

In reality, the only thing that matters is your personal results. I would rig up a set of PowerPole connectors for each battery and your rig and get a PowerPole splitter. You can then plug both or just one battery in to the splitter, and you can swap batteries while your rig is still powered up.

Take a weekend and run the batteries down one at a time (with normal operation). The next weekend, try to run the rig for the same amount of time, but with the batteries in parallel. See if it makes a difference.

Then report back to us your results... include the make & model of the batteries you're using. :)

Good luck
-Tom
KI6ABZ

On Fri, Jul 10, 2009 at 12:45 PM, w6ur <lrouxx@...> wrote:

>
>
> Hi all,
>

> This may be a dumb question but here goes: I have 2 same brand, same model
> number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr
> output for my FT-897D. Is this feasible or are there possible problems?
>
> TIA,
>
> Lou - W6UR
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26824. RE: [FT897] Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:30:41 UTC
From: Ted Wrobel
Topic: 26819 Message: 26824

Hi Lou,

The textbook answer is NO, but the practical answer is YES.

While there are lots of theoretical explanations of the problem of mis-matched batteries, in the real world problems don't appear until one of the batteries is failing. Then the bad battery will drain the good one.

You could also see some problems if you were using a high-rate, multi-step charger with two very different batteries.

In the boating world the vast majority of boaters have two batteries and a three position switch - Bat 1, Bat 2, and ALL. Whenever the engine is running they will almost always switch in both batteries. Fancy battery combiners are nothing more than a set of relays that try to keep both batteries as the best charge level and prevent one from draining the other. Unless one battery has been discharged much more than the other, both batteries will be switched in at the same time.

I have worked this way with a pair of deep cycle batteries in my boat for almost 30 years. I get on average 8 years on a pair of batteries with the notable exception being the time I replaced only one battery. The new battery failed much more quickly than expected and I now replace in pairs.

Note however, that with a radio it is usually really simple to swap batteries - unless you absolutely must have continuous operation. In that case I would wire up a pair of powerpole connectors in a Y configuration. You can then plug in either or both batteries and can effectively switch in the fresh and unplug the depleted one. No need to keep them wired in parallel (except that it makes charging easier). There is no advantage to having both batteries connected at the same time.

Hope this helps.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of w6ur
Sent: Friday, July 10, 2009 15:45
To: FT897@yahoogroups.com
Subject: [FT897] Batteries in parallel

Hi all,

This may be a dumb question but here goes: I have 2 same brand, same model number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr output for my FT-897D. Is this feasible or are there possible problems?

TIA,

Lou - W6UR

[Non-text portions of this message have been removed]

26825. RE: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-10 20:55:23 UTC
From: D. F.
Topic: 26811 Message: 26825

Why would you do that with an 897? It is NOT a mobile rig. It is a PORTABLE rig. If you want to do mobile, I would offer that you sell the 897 or trade for an 857. Same rig basically just different "packaging". The 857 is MEANT FOR MOBILE!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of David Moorman
Sent: Thursday, July 09, 2009 14:51
To: FT-897
Subject: [FT897] Looking for a DTMF mic

Hello All-

I picked up an FT-897 and have used it on VHF so far. The plan is to put it in the car and do mobile HF and VHF, and a DTMF mic would be helpful there.

Does anyone have one for sale?

Thanks,

Dave K9SW

[Non-text portions of this message have been removed]

26826. Re: [FT897] Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-10 23:34:27 UTC
From: Lou Roux
Topic: 26819 Message: 26826

Hi Tom and Ted,

Thanks to both of you for the excellent explanations which were you are basically saying the same thing. I suspected this may be the answer but I've never had an occasion to run 2 batteries so I had to ask. I believe I'll just run one at a time and not take a chance of ruining either one. I've already got a PowerPole splitter setup so there won't any trick to doing it. I'll be using the setup while at my mountain cabin for chasing DX which there isn't much of these days so I'm sure both batteries will last a looong time.

Thanks again and best 73,

Lou - W6UR

Thomas Wilson wrote:
> I've looked in to this before and discovered that half the "experts" I talk
> to say "bad idea", and the other half say "it's no problem."
>
> Boats often use more than one battery for extended power; you'll see guys
> run 2 or more batteries in parallel to get the best possible run time. While
> this is done pretty often, some people don't like it, since a strong battery
> can discharge in to a weak one, cutting down your overall capacity.
>
> Personally, I don't like running batteries in parallel. Even if the
> batteries don't equalize, there's more risk than gain. There's no real
> benefit to doing this: at best, you'll get the same total run time (with one
> exception... I'll explain that in a minute) as the two batteries by
> themselves. At worst, as the batteries age, one will wear out a little more
> quickly, causing an imbalance and eventually wearing out the other one even
> faster.
>
>
> Now for the only reason you would potentially see a benefit: a battery will
> give fewer amp-hours when you're discharging it faster, but this ratio
> depends on a lot of things... at the amperage level of the FT-897 with
> large-capacity batteries, that difference may be pretty small. On a smaller
> battery (say a gel-cel), drawing current at 20 amps may reduce the total
> capacity more quickly. By running the batteries in parallel, you're drawing
> 10A off each battery when transmitting at full power (rather than drawing
> 20A off of one.)
>
> In reality, the only thing that matters is your personal results. I would
> rig up a set of PowerPole connectors for each battery and your rig and get a
> PowerPole splitter. You can then plug both or just one battery in to the
> splitter, and you can swap batteries while your rig is still powered up.

>
> Take a weekend and run the batteries down one at a time (with normal
> operation). The next weekend, try to run the rig for the same amount of
> time, but with the batteries in parallel. See if it makes a difference.
>
> Then report back to us your results... include the make & model of the
> batteries you're using. :)
>
> Good luck
> -Tom
> KI6ABZ
>
> On Fri, Jul 10, 2009 at 12:45 PM, w6ur <lrouxx@...> wrote:
>
>
>> Hi all,
>>
>> This may be a dumb question but here goes: I have 2 same brand, same model
>> number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr
>> output for my FT-897D. Is this feasible or are there possible problems?
>>
>> TIA,
>>
>> Lou - W6UR
>>
>>
>>
>>
>
>
>
>

26827. Re: Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-10 23:49:54 UTC
From: oceanbiz01
Topic: 26819 Message: 26827

Lou,

I own a manufacturing company. We make under water scientific instruments. These instruments are battery powered. All of our battery packs are made from stacks in parallel in order to get the desired amperage. However, each stack in parallel has a diode so that all stacks are Diode OR'ed to the red wire in the pack. That way, if one stack depletes prematurely, it does not drain power from the other stacks. This is normal procedure for parallel batteries, especially if you do not want damage to one battery by another.

So, go ahead and parallel them, just diode OR each one in parallel.

Dan K3ZXL

--- In FT897@yahoogroups.com, Lou Roux <lrouxx@...> wrote:
>
> Hi Tom and Ted,
>
> Thanks to both of you for the excellent explanations which were you are
> basically saying the same thing. I suspected this may be the answer but
> I've never had an occasion to run 2 batteries so I had to ask. I
> believe I'll just run one at a time and not take a chance of ruining
> either one. I've already got a PowerPole splitter setup so there won't
> any trick to doing it. I'll be using the setup while at my mountain
> cabin for chasing DX which there isn't much of these days so I'm sure
> both batteries will last a looong time.
>
> Thanks again and best 73,
>
> Lou - W6UR
>
>
> Thomas Wilson wrote:
> > I've looked in to this before and discovered that half the "experts" I talk
> > to say "bad idea", and the other half say "it's no problem."
> >
> > Boats often use more than one battery for extended power; you'll see guys
> > run 2 or more batteries in parallel to get the best possible run time. While
> > this is done pretty often, some people don't like it, since a strong battery
> > can discharge in to a weak one, cutting down your overall capacity.
> >
> > Personally, I don't like running batteries in parallel. Even if the
> > batteries don't equalize, there's more risk than gain. There's no real
> > benefit to doing this: at best, you'll get the same total run time (with one
> > exception... I'll explain that in a minute) as the two batteries by
> > themselves. At worst, as the batteries age, one will wear out a little more
> > quickly, causing an imbalance and eventually wearing out the other one even

> > faster.
> >
> >
> > Now for the only reason you would potentially see a benefit: a battery will
> > give fewer amp-hours when you're discharging it faster, but this ratio
> > depends on a lot of things... at the amperage level of the FT-897 with
> > large-capacity batteries, that difference may be pretty small. On a smaller
> > battery (say a gel-cel), drawing current at 20 amps may reduce the total
> > capacity more quickly. By running the batteries in parallel, you're drawing
> > 10A off each battery when transmitting at full power (rather than drawing
> > 20A off of one.)
> >
> > In reality, the only thing that matters is your personal results. I would
> > rig up a set of PowerPole connectors for each battery and your rig and get a
> > PowerPole splitter. You can then plug both or just one battery in to the
> > splitter, and you can swap batteries while your rig is still powered up.
> >
> > Take a weekend and run the batteries down one at a time (with normal
> > operation). The next weekend, try to run the rig for the same amount of
> > time, but with the batteries in parallel. See if it makes a difference.
> >
> > Then report back to us your results... include the make & model of the
> > batteries you're using. :)
> >
> > Good luck
> > -Tom
> > KI6ABZ
> >
> > On Fri, Jul 10, 2009 at 12:45 PM, w6ur <lrouxx@...> wrote:
> >
> >
> >> Hi all,
> >>
> >> This may be a dumb question but here goes: I have 2 same brand, same model
> >> number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr
> >> output for my FT-897D. Is this feasible or are there possible problems?
> >>
> >> TIA,
> >>
> >> Lou - W6UR
> >>
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>

26828. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 01:46:34 UTC
From: David Moorman
Topic: 26811 Message: 26828

That's true, Dennis. I do have an FT-817, which I was going to put in the car, but the display and controls are rather small. It looks like the 857 is basically the same. The 897 is easier to read and use, at least for me. The other option, especially for my wife's car, would be a detachable face rig. Being a Ten-Tec person, I don't even know if Yaesu makes 160 to 70 cm detachable face rig.

Dave K9SW

On Jul 10, 2009, at 3:55 PM, D. F. wrote:

>
>
> Why would you do that with an 897? It is NOT a mobile rig. It is a
> PORTABLE rig. If you want to do mobile, I would offer that you sell
> the
> 897 or trade for an 857. Same rig basically just different
> "packaging".
> The 857 is MEANT FOR MOBILE!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf
> Of
> David Moorman
> Sent: Thursday, July 09, 2009 14:51
> To: FT-897
> Subject: [FT897] Looking for a DTMF mic
>
>
> Hello All-
>
> I picked up an FT-897 and have used it on VHF so far. The plan is to
> put it in the car and do mobile HF and VHF, and a DTMF mic would be
> helpful there.
>
> Does anyone have one for sale?
>
> Thanks,
>
> Dave K9SW
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

26829. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 01:50:38 UTC
From: David Moorman
Topic: 26811 Message: 26829

The only ones I?ve seem on eBay have been in Hong Kong. They seem to run from $40 something to about $80, depending on whether shipping is included. It's available for $59.95 from Universal Radio. If a stateside one shows up I bid on that; otherwise a place like Universal.

Thanks for the suggestion about the SSB gain.

Dave K9SW

On Jul 10, 2009, at 3:02 PM, Thomas Wilson wrote:

>
>
> Rather than pay retail price, I picked up one EBay for quite a bit
> cheaper...
>
> but look out for guys selling the mic for $30 and then charging $40
> for
> shipping. Those are unethical sellers. They're selling an item
> cheaper to
> avoid EBay's fees; only buy from a seller that's charging around $10
> or less
> for shipping. I think that, with shipping, I paid about $60 for mine.
>
> Also, when you plug it in, go in and turn your SSB gain down to
> about 10. If
> I run it any higher than that on mine, I get severe overdrive... it's
> terrible.
>
> On Thu, Jul 9, 2009 at 12:51 PM, David Moorman
> <dmoorman4@...>wrote:
>
> > >
> > >
> > > Hello All-
> > >
> > > I picked up an FT-897 and have used it on VHF so far. The plan is to
> > > put it in the car and do mobile HF and VHF, and a DTMF mic would be
> > > helpful there.
> > >
> > > Does anyone have one for sale?
> > >
> > > Thanks,
> > >
> > > Dave K9SW
> > >

> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

26830. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 01:52:32 UTC
From: Larry D. Barr, K5WLF
Topic: 26811 Message: 26830

The Yaesu FT-857D is a detachable face unit.

73,
ldb
K5WLF

David Moorman wrote:
> That's true, Dennis. I do have an FT-817, which I was going to put in
> the car, but the display and controls are rather small. It looks like
> the 857 is basically the same. The 897 is easier to read and use, at
> least for me. The other option, especially for my wife's car, would
> be a detachable face rig. Being a Ten-Tec person, I don't even know
> if Yaesu makes 160 to 70 cm detachable face rig.
>
> Dave K9SW

26831. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 02:01:42 UTC
From: Tom Wilson
Topic: 26811 Message: 26831

I think the 857 has a detachable face.

Sent from my iPhone

On Jul 10, 2009, at 6:46 PM, David Moorman <dmoorman4@...>
wrote:

>
>
> That's true, Dennis. I do have an FT-817, which I was going to put in
> the car, but the display and controls are rather small. It looks like
> the 857 is basically the same. The 897 is easier to read and use, at
> least for me. The other option, especially for my wife's car, would
> be a detachable face rig. Being a Ten-Tec person, I don't even know
> if Yaesu makes 160 to 70 cm detachable face rig.
>
> Dave K9SW
>
> On Jul 10, 2009, at 3:55 PM, D. F. wrote:
>
> > >
> > >
> > > Why would you do that with an 897? It is NOT a mobile rig. It is a
> > > PORTABLE rig. If you want to do mobile, I would offer that you sell
> > > the
> > > 897 or trade for an 857. Same rig basically just different
> > > "packaging".
> > > The 857 is MEANT FOR MOBILE!
> > >
> > > Dennis - N8BMB
> > >
> > > -----Original Message-----
> > > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf
> > > Of
> > > David Moorman
> > > Sent: Thursday, July 09, 2009 14:51
> > > To: FT-897
> > > Subject: [FT897] Looking for a DTMF mic
> > >
> > >
> > > Hello All-
> > >
> > > I picked up an FT-897 and have used it on VHF so far. The plan is to
> > > put it in the car and do mobile HF and VHF, and a DTMF mic would be
> > > helpful there.
> > >

> > Does anyone have one for sale?
> >
> > Thanks,
> >
> > Dave K9SW
> >
> > [Non-text portions of this message have been removed]
> >
> >
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> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

26832. Re: FT-897D Cracklin Receive Audio on FM

Yahoo group: FT897 (2009)
Date: 2009-07-11 02:32:07 UTC
From: morseham
Topic: 26565 Message: 26832

Well, thanks to all. This should close this thread.
Mine was also a filter, although with the symptoms, I believe that it was really one of the switching diodes, either before or after the filter. I took the radio to VS and they replaced both CF1005 and D1076/D1078. This did cure the problem. And, since they did not give me the parts, I had no way to inspect them. The diodes are cheap enough (USD$0.44 each). The filter is also pretty cheap at USD$10.00.

At least this did show that this constant static crash without antennas connected was, indeed, an internal problem. As I had suspected all along.

Once again, thanks to one and all...

73

Paul N6XS/AAR9BJ
Fontana CA

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
>
> Bad filter. Sent mine back to Yaesu for repair about a month or so ago. Under warranty and turn around was exactally 7 days.
>
> When I brought this up earlier I called it a static crash type of sound.
>
>
> Craig
> --- On Thu, 7/2/09, Raymond Johnson <w7rkj@...> wrote:
>
> > From: Raymond Johnson <w7rkj@...>
> > Subject: [FT897] Re: FT-897D Cracklin Receive Audio on FM
>

26833. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 03:46:16 UTC
From: David Moorman
Topic: 26811 Message: 26833

Thanks ldb. If I put a radio in my wife's car, that's what it would be then.

Dave K9SW

On Jul 10, 2009, at 8:52 PM, Larry D. Barr, K5WLF wrote:

>
>
> The Yaesu FT-857D is a detachable face unit.
>
> 73,
> ldb
> K5WLF
>
> David Moorman wrote:
> > That's true, Dennis. I do have an FT-817, which I was going to put in
> > the car, but the display and controls are rather small. It looks like
> > the 857 is basically the same. The 897 is easier to read and use, at
> > least for me. The other option, especially for my wife's car, would
> > be a detachable face rig. Being a Ten-Tec person, I don't even know
> > if Yaesu makes 160 to 70 cm detachable face rig.
> >
> > Dave K9SW
>
>
>

[Non-text portions of this message have been removed]

26834. Re: [FT897] Re: Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-11 04:04:48 UTC
From: Larry D. Barr, K5WLF
Topic: 26819 Message: 26834

Dan,

The diodes are a great idea in the event of a battery failure, but I have a comment. I can see where they'd work well if you were building, say, a nominal 7.2 volt Ni-MH pack which would feed a regulator for a bus voltage of 5 V for logic circuits. Or any system where the battery voltage is significantly above the desired circuit voltage. But it seems there would be a problem with the voltage drop through even a good Schottky diode when the end use device needs the full battery voltage.

For example, my FT-897D is rated at 13.8 VDC ? 15%. That gives it a voltage range of 11.73 - 15.87 VDC. Using a diode, I'll be giving up approximately 0.3 V (or more) through the Schottky. This means that I'll be out of the factory approved voltage range for the radio at a battery voltage of ~12.03 volts. Approximately half a volt above the safe discharge level for the battery. So, I'll be losing a percentage of battery capacity because the diode is accelerating the low voltage cutoff point due to its loss.

Admittedly, the capacity can be regained by adding another battery or two, but given the cost of good AGMs these days, that's not a do-able solution for many hams.

There is a lot of equipment and virtually every renewable energy system in existence utilizing multiple paralleled batteries without the diode protection. I've used multiple batteries in parallel, both AGM and flooded-cell, for many years, including 19 months off-grid on a wind generator, without diode OR gating. And never had a problem.

While I like the idea for certain applications, especially when you need a 'fail-safe' power source for mission critical gear such as your undersea equipment, I don't believe that it's economically feasible for most ham power applications.

It would also require a more complex charging connection, since you could not simply connect the charger across the bus due to the diodes blocking the charging current.

It is a truly elegant solution, but I don't believe that it is applicable to most amateur radio battery power systems.

73,
ldb
K5WLF

oceanbiz01 wrote:
> Lou,

>
> I own a manufacturing company. We make under water scientific
> instruments. These instruments are battery powered. All of our
> battery packs are made from stacks in parallel in order to get the
> desired amperage. However, each stack in parallel has a diode so that
> all stacks are Diode OR'ed to the red wire in the pack. That way, if
> one stack depletes prematurely, it does not drain power from the
> other stacks. This is normal procedure for parallel batteries,
> especially if you do not want damage to one battery by another.
>
> So, go ahead and parallel them, just diode OR each one in parallel.
>
> Dan K3ZXL

26835. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 04:11:34 UTC
From: Larry D. Barr, K5WLF
Topic: 26811 Message: 26835

Dave,

The 857 is basically the 897 in a different case, with a removable faceplate. I have two 897Ds and contemplated putting one in the pickup. But it's just too big for the space I have, so I'll be getting an 857D for the mobile console I'm building and keeping the other 897D for a 'grab it and go' radio in the event of an emergency deployment. Universal Radio is currently throwing in the $51.95 separation kit as a bonus when you buy the 857D for $729.95.

73,
ldb
K5WLF

David Moorman wrote:
> Thanks ldb. If I put a radio in my wife's car, that's what it would
> be then.
>
> Dave K9SW

26836. Re: [FT897] Re: cannot enter a frequency to work

Yahoo group: FT897 (2009)
Date: 2009-07-11 07:51:03 UTC
From: P Grant
Topic: 26791 Message: 26836

Hello again Jack,

Only other possible cause I can think of,, if they can hear you, and you can hear them,,, frequencies being used woud seem to be correct ??? What power level are you transmitting ??? If vry low power output ,,, perhaps ,,, no reading on meter ??? or,,, meter not performing !!
Other option,,, check power out with a watt meter, or an SWR Meter !!

Best of luck _____ Peter EI4HX
----- Original Message -----
From: TED
To: FT897@yahoogroups.com
Sent: Friday, July 10, 2009 2:41 PM
Subject: [FT897] Re: cannot enter a frequency to work

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
> Hello Jack
>
> Looks and sounds like you are missing the "repeater shift" locked in for your Repeater / TX frequency, on the 145.280 Megs.
>
> I do not know what repeater shift you have in your country,,, Here in Ireland, we have 2 M band repeaters,,, -600KHz,,, 70 cms Band +1600 KHz. ... Menu 76. then insert the
> ... (+ or -) and all will be well.
>
> Regards Peter EI4HX
> ----- Original Message -----
> From: TED
> To: FT897@yahoogroups.com
> Sent: Thursday, July 09, 2009 11:57 PM
> Subject: [FT897] cannot enter a frequency to work
>
> HELLO PETER AND THANK YOU, I CHECKED THE BAND SET AND IT IS OK .060 MHZ, IF YOU CAN THINK OF ANYTHING ELSE IT WOULD BE GREAT
JACK KG6UGS

>
>
>
> I tried to enter 145-280 fm using the manual, can enter the frequency into memory and hear the guys talking but I cannot talk out to them on the repeater,,I have the right CTCSS TONE, AND I TRIED TO USE (TEN) AND (TSQ), METER DOES NOT MOVE SHOWING SIGNAL OUT, I ENTERED 448-900 repeater FM USING THE RIGHT CTCSS TONE, AND PUT IT INTO MEMORY USING (TEN) NOT (TSQ) AND I CAN HEAR THEM AND THEY CAN HEAR ME.
> IF YOU COULD HELP ME THAT WOULD BE GREAT, I RESET IT TO FACTORY RESET AND STILL HAVE THE

SAME PROBLEM
> THANK YOU VERY MUCH
> JACK
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26837. Re: Strange RIG behavior on power up usually due to PTT or key closu

Yahoo group: FT897 (2009)
Date: 2009-07-11 07:18:20 UTC
From: Ian Fletcher
Topic: 26837 Message: 26837

Ive had this happen a couple of times with thee lock button being depressed at turn on and also had the mike left open for a couple of hours transmitting the goings on of my colourful household to the eager listeners that are ever present...lol :-)

It worried me so much that I decided to disable the lock down button on the MD 100 .This can be done in a couple of ways I.e disordering or blocking the micro switch. I decided to go the blocking route by cutting a very small amount of a throw away biro type pen and popping it on top of the micro switch and re-assembling the switch mechanism. This then keeps all the wiring un molested and stops the lock button from being depressed.

Just thought my tip might save someone the embarrassment I suffered....LOL :-)

[Non-text portions of this message have been removed]

26838. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 12:42:11 UTC
From: Bob
Topic: 26811 Message: 26838

Hi Dave,

I use a FT 897, FT 857 and a FT 817 and I have found that the mic from a Yaesu FT 2400 (2m mobile rig) fits and works fine. You should be able to pick up a used 2400 with a working mic for under $75.00 if you check ebay or your local swap lists etc... Its like buying the mic and getting the radio for free...

73bob

VA3QV or VA3RCS
http://va3qv.wordpress.com

> >
> >
> > Hello All-
> >
> > I picked up an FT-897 and have used it on VHF so far. The plan is to
> > put it in the car and do mobile HF and VHF, and a DTMF mic would be
> > helpful there.
> >
> > Does anyone have one for sale?
> >
> > Thanks,
> >
> > Dave K9SW

26839. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 13:50:53 UTC
From: Lew Phelps K6LMP
Topic: 26811 Message: 26839

I respectfully but strongly disagree with the assertion that the FT-897 is "not a mobile rig." It is larger than the FT-857, but not too large to use as a mobile rig. I have devised mobile mounts for the FT-897 that work perfectly well in three relatively small vehicles, including a Toyota Prius and a Saab 9-3. These installations are secure (in event of a crash), provide ready accessibility to radio controls, and don't steal space from any passengers. If you exercise a little ingenuity, an FT-897 can be installed in any vehicle I am aware of.

Why go to the trouble? Because then you have the benefits of the "portable" FT-897 AND a good mobile rig -- two radios for the price of one, if you will. I used to own an FT-8900, a true "mobile" radio with a split head. While the split head made it easy for installation in a vehicle (main body goes in the trunk), removing it to use as a base station rig was a real PITA. If you can afford multiple rigs, and if you don't mind the smaller knobs and readout on the 857, then it makes sense to get an 857 for dedicated in-vehicle use. But if you only can afford one rig, I think that the 897 is the best choice. In any situation other than in-vehicle installation, it's superior to the 857 on ergonomics, and with its internal power supply and/or batteries. Since it CAN be functionally installed in even a small vehicle, I think it's the best choice for "one rig that does it all."

Lew K6LMP

On Jul 10, 2009, at 1:55 PM, D. F. wrote:

>

> Why would you do that with an 897? It is NOT a mobile rig. It is a
> PORTABLE rig. If you want to do mobile, I would offer that you sell
> the
> 897 or trade for an 857. Same rig basically just different
> "packaging".
> The 857 is MEANT FOR MOBILE!
>
> Dennis - N8BMB
>

[Non-text portions of this message have been removed]

26840. Re: Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-11 14:10:36 UTC
From: tenorman1952
Topic: 26819 Message: 26840

Batteries in parallel, I 've seen used in trucks four 6 v batteries in series parallel or two 12 v in parallel.

I have a pair of sealed lead acid (gel cell) batteries with a parallel wiring harness that I just used for Field Day. It is a RBC-6 pack, which is sold as a pair of 12 v 12 AH gel cells for a total of 24 AH.

It worked quite well. No parallel diodes used.

Perhaps I should split the harness with a DPDT (center off?) switch to switch between them. I would prefer to not have the voltage drop of a diode.

Starting out freshly charged, 12.88 v receiving, 12.8 v while transmitting.

Halfway through the afternoon, 12.8 v receiving, 12.7 v transmitting.

When we quit for the evening, 12.7 v receiving, 12.6 v transmitting.

This was in SSB mode at 100w.

Paul
AE5JU

26841. Re: [FT897] Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-11 14:17:18 UTC
From: Darren S
Topic: 26819 Message: 26841

The theory is that series circuits (Batteries in series) you add the voltages together but the current remains constant. In parrallel you add the currents but the voltage is constant but this only works back to back. face to face can cause a stronger one to leak into a weaker one. In theory.

From: Thomas Wilson <wilsontp@...>
To: FT897@yahoogroups.com
Sent: Friday, 10 July, 2009 21:25:12
Subject: Re: [FT897] Batteries in parallel

I've looked in to this before and discovered that half the "experts" I talk to say "bad idea", and the other half say "it's no problem."

Boats often use more than one battery for extended power; you'll see guys run 2 or more batteries in parallel to get the best possible run time. While this is done pretty often, some people don't like it, since a strong battery can discharge in to a weak one, cutting down your overall capacity.

Personally, I don't like running batteries in parallel. Even if the batteries don't equalize, there's more risk than gain. There's no real benefit to doing this: at best, you'll get the same total run time (with one exception... I'll explain that in a minute) as the two batteries by themselves. At worst, as the batteries age, one will wear out a little more quickly, causing an imbalance and eventually wearing out the other one even faster.

Now for the only reason you would potentially see a benefit: a battery will give fewer amp-hours when you're discharging it faster, but this ratio depends on a lot of things... at the amperage level of the FT-897 with large-capacity batteries, that difference may be pretty small. On a smaller battery (say a gel-cel), drawing current at 20 amps may reduce the total capacity more quickly. By running the batteries in parallel, you're drawing 10A off each battery when transmitting at full power (rather than drawing 20A off of one.)

In reality, the only thing that matters is your personal results. I would rig up a set of PowerPole connectors for each battery and your rig and get a PowerPole splitter. You can then plug both or just one battery in to the splitter, and you can swap batteries while your rig is still powered up.

Take a weekend and run the batteries down one at a time (with normal operation). The next weekend, try to run the rig for the same amount of time, but with the batteries in parallel. See if it makes a difference.

Then report back to us your results... include the make & model of the batteries you're using. :)

Good luck
-Tom
KI6ABZ

On Fri, Jul 10, 2009 at 12:45 PM, w6ur <lrouxx@sbcglobal. net> wrote:

>
>
> Hi all,
>
> This may be a dumb question but here goes: I have 2 same brand, same model
> number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr
> output for my FT-897D. Is this feasible or are there possible problems?
>
> TIA,
>
> Lou - W6UR
>
>
>

--
Tom Wilson
wilsontp@gmail. com
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26842. RE: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 14:43:01 UTC
From: D. F.
Topic: 26811 Message: 26842

Hi, Lew. The 897 is NOT a mobile rig by design. While it is larger than the 857, it is MUCH heavier, therefore making mounting extremely difficult. Most locations within a vehicle will not support the weight of the rig without breaking or damaging something EVENTUALLY!. If you set it on a seat or fabricate some type of mount is all well and good, however, plus the 897 I do not believe is "mobile rated", i.e, designed and built to resist vibration, shock and the like that a mobile rig would be subjected to. I am not saying that it couldn't be done, all I am pointing out is that the 897 wasn't designed for a mobile application. If it was, I seriously believe the case and internal components would have been designed differently and it wouldn't be as heavy as it is. Plus, the 897 is MARKETED as a portable not a mobile. Plus, the fact that the face does not detach (NOT that it has to), there are no commercially available mobile mounts that even the manufacturer WOULD HAVE SUPPLIED, or at the least, manufactured and made available as some type of option or separate purchase (like the separation kit for most other mobiles).

Hell, you can mount the FT-DX9000 in a vehicle if YOU fabricate a mount for it, but again, the DX9000 wasn't designed as a mobile, either.

But, anyway, we agree to disagree and that's cool.

To each, his own! If it works, cool!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lew Phelps K6LMP
Sent: Saturday, July 11, 2009 08:51
To: FT897@yahoogroups.com
Subject: Re: [FT897] Looking for a DTMF mic

I respectfully but strongly disagree with the assertion that the FT-897 is "not a mobile rig." It is larger than the FT-857, but not too large to use as a mobile rig. I have devised mobile mounts for the FT-897 that work perfectly well in three relatively small vehicles, including a Toyota Prius and a Saab 9-3. These installations are secure (in event of a crash), provide ready accessibility to radio controls, and don't steal space from any passengers. If you exercise a little ingenuity, an FT-897 can be installed in any vehicle I am aware of.

Why go to the trouble? Because then you have the benefits of the "portable" FT-897 AND a good mobile rig -- two radios for the price of one, if you will. I used to own an FT-8900, a true "mobile" radio

with a split head. While the split head made it easy for installation in a vehicle (main body goes in the trunk), removing it to use as a base station rig was a real PITA. If you can afford multiple rigs, and if you don't mind the smaller knobs and readout on the 857, then it makes sense to get an 857 for dedicated in-vehicle use. But if you only can afford one rig, I think that the 897 is the best choice. In any situation other than in-vehicle installation, it's superior to the 857 on ergonomics, and with its internal power supply and/or batteries. Since it CAN be functionally installed in even a small vehicle, I think it's the best choice for "one rig that does it all."

Lew K6LMP

On Jul 10, 2009, at 1:55 PM, D. F. wrote:

>

> Why would you do that with an 897? It is NOT a mobile rig. It is a
> PORTABLE rig. If you want to do mobile, I would offer that you sell
> the
> 897 or trade for an 857. Same rig basically just different
> "packaging".
> The 857 is MEANT FOR MOBILE!
>
> Dennis - N8BMB
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26843. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 14:48:41 UTC
From: Hank
Topic: 26811 Message: 26843

Yaesu provides the MMB-80, mobile mounting bracket for the FT-897D. That tells me that at least Yaesu thinks it's a mobile rig.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Hi, Lew. The 897 is NOT a mobile rig by design. While it is larger
> than the 857, it is MUCH heavier, therefore making mounting extremely
> difficult. Most locations within a vehicle will not support the weight
> of the rig without breaking or damaging something EVENTUALLY!. If you
> set it on a seat or fabricate some type of mount is all well and good,
> however, plus the 897 I do not believe is "mobile rated", i.e, designed
> and built to resist vibration, shock and the like that a mobile rig
> would be subjected to. I am not saying that it couldn't be done, all I
> am pointing out is that the 897 wasn't designed for a mobile
> application. If it was, I seriously believe the case and internal
> components would have been designed differently and it wouldn't be as
> heavy as it is. Plus, the 897 is MARKETED as a portable not a mobile.
> Plus, the fact that the face does not detach (NOT that it has to), there
> are no commercially available mobile mounts that even the manufacturer
> WOULD HAVE SUPPLIED, or at the least, manufactured and made available as
> some type of option or separate purchase (like the separation kit for
> most other mobiles).
>
> Hell, you can mount the FT-DX9000 in a vehicle if YOU fabricate a mount
> for it, but again, the DX9000 wasn't designed as a mobile, either.
>
> But, anyway, we agree to disagree and that's cool.
>
> To each, his own! If it works, cool!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Lew Phelps K6LMP
> Sent: Saturday, July 11, 2009 08:51
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Looking for a DTMF mic
>
>
>
>
>
>

> I respectfully but strongly disagree with the assertion that the
> FT-897 is "not a mobile rig." It is larger than the FT-857, but not
> too large to use as a mobile rig. I have devised mobile mounts for the
> FT-897 that work perfectly well in three relatively small vehicles,
> including a Toyota Prius and a Saab 9-3. These installations are
> secure (in event of a crash), provide ready accessibility to radio
> controls, and don't steal space from any passengers. If you exercise a
> little ingenuity, an FT-897 can be installed in any vehicle I am aware
> of.
>
> Why go to the trouble? Because then you have the benefits of the
> "portable" FT-897 AND a good mobile rig -- two radios for the price
> of one, if you will. I used to own an FT-8900, a true "mobile" radio
> with a split head. While the split head made it easy for installation
> in a vehicle (main body goes in the trunk), removing it to use as a
> base station rig was a real PITA. If you can afford multiple rigs,
> and if you don't mind the smaller knobs and readout on the 857, then
> it makes sense to get an 857 for dedicated in-vehicle use. But if you
> only can afford one rig, I think that the 897 is the best choice. In
> any situation other than in-vehicle installation, it's superior to the
> 857 on ergonomics, and with its internal power supply and/or
> batteries. Since it CAN be functionally installed in even a small
> vehicle, I think it's the best choice for "one rig that does it all."
>
> Lew K6LMP
>
> On Jul 10, 2009, at 1:55 PM, D. F. wrote:
>
> >
>
> > Why would you do that with an 897? It is NOT a mobile rig. It is a
> > PORTABLE rig. If you want to do mobile, I would offer that you sell
> > the
> > 897 or trade for an 857. Same rig basically just different
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> > Dennis - N8BMB
> >
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

26844. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 14:50:55 UTC
From: Hank
Topic: 26811 Message: 26844

You wouldn't happen to have any pictures of these installations would you? I have a 2006 Honda Element and have been trying to figure out how to mount the radio securely without interfering with the passenger (which happens to be the boss - xyl). I would love to see your installations.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> I respectfully but strongly disagree with the assertion that the
> FT-897 is "not a mobile rig." It is larger than the FT-857, but not
> too large to use as a mobile rig. I have devised mobile mounts for the
> FT-897 that work perfectly well in three relatively small vehicles,
> including a Toyota Prius and a Saab 9-3. These installations are
> secure (in event of a crash), provide ready accessibility to radio
> controls, and don't steal space from any passengers. If you exercise a
> little ingenuity, an FT-897 can be installed in any vehicle I am aware
> of.
>
> Why go to the trouble? Because then you have the benefits of the
> "portable" FT-897 AND a good mobile rig -- two radios for the price
> of one, if you will. I used to own an FT-8900, a true "mobile" radio
> with a split head. While the split head made it easy for installation
> in a vehicle (main body goes in the trunk), removing it to use as a
> base station rig was a real PITA. If you can afford multiple rigs,
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> any situation other than in-vehicle installation, it's superior to the
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> batteries. Since it CAN be functionally installed in even a small
> vehicle, I think it's the best choice for "one rig that does it all."
>
> Lew K6LMP
>
> On Jul 10, 2009, at 1:55 PM, D. F. wrote:
>
> >
>
> > Why would you do that with an 897? It is NOT a mobile rig. It is a
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> > 897 or trade for an 857. Same rig basically just different
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> >
> > Dennis - N8BMB
> >
>
>
>
> [Non-text portions of this message have been removed]
>

26845. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 15:18:54 UTC
From: Joe
Topic: 26811 Message: 26845

Actually, Yaesu does offer a mobile mount for the FT-897D. I had one and it was mounted in my truck, for use when I was hauling my show car cross country to various car shows. Yaesu part number is: MMB-80

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "D. F." <n8bmb1@...>
Subject: RE: [FT897] Looking for a DTMF mic

> Plus, <<SNIP>> there
> are no commercially available mobile mounts that even the manufacturer
> WOULD HAVE SUPPLIED, or at the least, manufactured and made available as
> some type of option or separate purchase (like the separation kit for
> most other mobiles).

26846. Re: [FT897] Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-11 16:12:13 UTC
From: Darren S
Topic: 26819 Message: 26846

What the wife and I do in private.. Oh you meant with batteries?

----- Original Message ----
From: customgraphics! <renee.thomas@...>
To: Darrenls21@...
Sent: Saturday, 11 July, 2009 16:26:30
Subject: Re: [FT897] Batteries in parallel

what's "back to back & face to face" mean? :)

carl wb9ybi :)----- Original Message -----
From: "Darren S" <Darrenls21@yahoo.com>
To: <FT897@yahoogroups.com>
Sent: Saturday, July 11, 2009 10:17 AM
Subject: Re: [FT897] Batteries in parallel

> The theory is that series circuits (Batteries in series) you add the
voltages together but the current remains constant. In parrallel you add the
currents but the voltage is constant but this only works back to back. face
to face can cause a stronger one to leak into a weaker one. In theory.
>
>
>
>
> _____
> From: Thomas Wilson <wilsontp@...>
> To: FT897@yahoogroups.com
> Sent: Friday, 10 July, 2009 21:25:12
> Subject: Re: [FT897] Batteries in parallel
>
>
>
>
>
> I've looked in to this before and discovered that half the "experts" I
talk
> to say "bad idea", and the other half say "it's no problem."
>
> Boats often use more than one battery for extended power; you'll see guys
> run 2 or more batteries in parallel to get the best possible run time.
While
> this is done pretty often, some people don't like it, since a strong
battery
> can discharge in to a weak one, cutting down your overall capacity.
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> Personally, I don't like running batteries in parallel. Even if the

> batteries don't equalize, there's more risk than gain. There's no real
> benefit to doing this: at best, you'll get the same total run time (with
one
> exception... I'll explain that in a minute) as the two batteries by
> themselves. At worst, as the batteries age, one will wear out a little
more
> quickly, causing an imbalance and eventually wearing out the other one
even
> faster.
>
> Now for the only reason you would potentially see a benefit: a battery
will
> give fewer amp-hours when you're discharging it faster, but this ratio
> depends on a lot of things... at the amperage level of the FT-897 with
> large-capacity batteries, that difference may be pretty small. On a
smaller
> battery (say a gel-cel), drawing current at 20 amps may reduce the total
> capacity more quickly. By running the batteries in parallel, you're
drawing
> 10A off each battery when transmitting at full power (rather than drawing
> 20A off of one.)
>
> In reality, the only thing that matters is your personal results. I would
> rig up a set of PowerPole connectors for each battery and your rig and get
a
> PowerPole splitter. You can then plug both or just one battery in to the
> splitter, and you can swap batteries while your rig is still powered up.
>
> Take a weekend and run the batteries down one at a time (with normal
> operation). The next weekend, try to run the rig for the same amount of
> time, but with the batteries in parallel. See if it makes a difference.
>
> Then report back to us your results... include the make & model of the
> batteries you're using. :)
>
> Good luck
> -Tom
> KI6ABZ
>
> On Fri, Jul 10, 2009 at 12:45 PM, w6ur <lrouxx@sbcglobal. net> wrote:
>
> > >
> > >
> > > Hi all,
> > >
> > > This may be a dumb question but here goes: I have 2 same brand, same
model
> > > number 35 Ahr batteries that I'd like to run in parallel to get 70 Ahr
> > > output for my FT-897D. Is this feasible or are there possible problems?
> > >

> > TIA,
> >
> > Lou - W6UR
> >
> >
> >
>
> --
> Tom Wilson
> wilsontp@gmail. com
> (619)342-1391
> KI6ABZ
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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26847. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 17:43:13 UTC
From: Lew Phelps K6LMP
Topic: 26811 Message: 26847

Dennis:

Yaesu defines the FT-897 as a mobile rig, and markets it as such; see their web site.

As others have noted, Yaesu provides a mobile mount bracket. This can be attached either directly to the dashboard or transmission hump on many vehicles, or to any of a number of commercially available mounts designed for radios and laptops, which bolt to the transmission hump and allow positioning of the rig so that it doesn't interfere either with vehicle operation or passenger space.

The 897 weights 8.6 pounds without an internal power supply or batteries, and about 10.5 lbs with the internal power supply. The FT-857 weighs 4.6 pounds. I do not consider 4 or 5 pounds to be "MUCH heavier from an absolute standpoint (although obviously approximately double the weight of the 857 on a relative weight basis.) From my own experience (3 smallish sedans and two off-highway vehicles), I would say that it is definitely NOT difficult to fabricate safe and secure mounts for the 897.

Since Yaesu specifically describes the 897 as a "mobile" rig on its website, I believe that "mobile rated" is not an issue. It shares about 90% commonality in components with the 857. I have used my FT-897 installed in off-road four wheel drive vehicles, driving over extremely rugged terrain, and I've never had a vibration-caused problem with the 897.

Dennis, I don't believe you are correct in stating that the weight of the 897 will cause something to break eventually if installed as a mobile rig. My experience with multiple vehicles says otherwise. I had it installed in a Jeep Grand Cherokee that was rear-ended and totaled, and the radio itself didn't move and didn't damage the mounting point. I have had it installed in a Pinzgauer 710 (4 wheel drive military surplus vehicle) that I rolled onto its side on a Jeep trail, and again, no radio-caused damage to the vehicle or to the radio. I also believe that you are wrong in stating that "there are no commercially available mobile mounts" available for the 897. Google on "vehicle radio mount" and "laptop radio mount" and you will find plenty of commercial options, in addition to Yaesu's own bracket.

Although Yaesu doesn't make a separation kit for the 897, I believe that at least one intrepid member of this forum has home-brewed a head separation kit, and described it here. Check the archives.

The 897 is not designed as a one-purpose mobile rig. The 857 was designed for one specific purpose and does it well. However, that

does not render the 897 unsuitable for mobile installations. Having used both mobile-specific rigs and the 897 for in-vehicle use, I prefer the 897. It's big enough to do lots of other things besides serving as an in-vehicle mounted mobile rig, but small enough to be installed in a vehicle without taking over the passenger compartment. Not many all-band all-mode transceivers can make that claim.

Lew

On Jul 11, 2009, at 7:43 AM, D. F. wrote:

>
>
> Hi, Lew. The 897 is NOT a mobile rig by design. While it is larger
> than the 857, it is MUCH heavier, therefore making mounting extremely
> difficult. Most locations within a vehicle will not support the weight
> of the rig without breaking or damaging something EVENTUALLY!. If you
> set it on a seat or fabricate some type of mount is all well and good,
> however, plus the 897 I do not believe is "mobile rated", i.e,
> designed
> and built to resist vibration, shock and the like that a mobile rig
> would be subjected to. I am not saying that it couldn't be done, all I
> am pointing out is that the 897 wasn't designed for a mobile
> application. If it was, I seriously believe the case and internal
> components would have been designed differently and it wouldn't be as
> heavy as it is. Plus, the 897 is MARKETED as a portable not a mobile.
> Plus, the fact that the face does not detach (NOT that it has to),
> there
> are no commercially available mobile mounts that even the manufacturer
> WOULD HAVE SUPPLIED, or at the least, manufactured and made
> available as
> some type of option or separate purchase (like the separation kit for
> most other mobiles).
>
> Hell, you can mount the FT-DX9000 in a vehicle if YOU fabricate a
> mount
> for it, but again, the DX9000 wasn't designed as a mobile, either.
>
> But, anyway, we agree to disagree and that's cool.
>
> To each, his own! If it works, cool!
>
> Dennis - N8BMB
>
> ---

[Non-text portions of this message have been removed]

26848. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 18:44:53 UTC
From: Carl Wulfestieg
Topic: 26811 Message: 26848

What do all these comments and opinions have to do with "Looking for a DTMF mic" ??
88 Carl WZ4CW

[Non-text portions of this message have been removed]

26849. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 19:47:19 UTC
From: DALE BLANCHARD
Topic: 26811 Message: 26849

If one would just buy a new mike from a dealer there would not be all these post.
Dale
----- Original Message -----
From: "Carl Wulfestieg" <ag4ls@comcast.net>
To: FT897@yahoogroups.com
Sent: Saturday, July 11, 2009 11:44:53 AM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] Looking for a DTMF mic

What do all these comments and opinions have to do with "Looking for a DTMF mic" ??
88 Carl WZ4CW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26850. Re: [FT897] FT-897 as Mobile Rig (Was: Looking for a DTMF mic)

Yahoo group: FT897 (2009)
Date: 2009-07-11 20:00:42 UTC
From: Lew Phelps K6LMP
Topic: 26811 Message: 26850

Sorry; we should have re-titled the thread a long time ago, which I have just now done. It segued into a discussion about whether the FT-897 is a legitimate mobile rig, which I believe is a meaningful discussion topic for this list. The segue occurred after the original poster said he was looking to use the 897 as a mobile rig and thought a DTMF mike would be useful; another member of the group responded to say, essentially, if you want a mobile rig you should get an 857, because the 897 isn't designed or intended for use as a mobile rig.

A thoughtful discussion has ensued, and I hope it continues, because I believe the 897 CAN be deployed effectively as a mobile rig, and the topic is generating some good discussion on different approaches to mounting the 897 in a vehicle for mobile use.

73

Lew K6LMP

On Jul 11, 2009, at 11:44 AM, Carl Wulfestieg wrote:

>
>
> What do all these comments and opinions have to do with "Looking for
> a DTMF mic" ??
> 88 Carl WZ4CW
>
> [

[Non-text portions of this message have been removed]

26851. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 21:23:11 UTC
From: Tom Wilson
Topic: 26811 Message: 26851

I'm getting tired of the debates, myself. How about we all keep
opinions to ourselves and only deal in facts.

Thanks.

Sent from my iPhone

On Jul 11, 2009, at 11:44 AM, "Carl Wulfestieg" <ag4ls@...>
wrote:

>
>
> What do all these comments and opinions have to do with "Looking for
> a DTMF mic" ??
> 88 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

26852. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 21:31:51 UTC
From: Joe
Topic: 26811 Message: 26852

Well...Fortunately, in Ham Radio, opinions are what it is all about...99% of all equipment is purchased on 'opinion'. Facts are few and far between and only available from the factories. Facts are what is printed about the equipment. But..does it work? 'Opinion' is really tells us about that equipment.

So..let's keep the opinions....that is what I am interested in.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Tom Wilson" <wilsontp@...>
Subject: Re: [FT897] Looking for a DTMF mic

> I'm getting tired of the debates, myself. How about we all keep
> *opinions* to ourselves and only deal in facts.

26853. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 21:45:20 UTC
From: oceanbiz01
Topic: 26811 Message: 26853

Don't be so quick to accept factory "facts". There is this thing called Specmanship which is what Marketing departments are all about. An example is this. There is a ham who I will leave un-named at present who has run NEC models on all 6 meter antennas that have been built, homebrew and commercially made. The commercially made antennas, to a large extent, have been overstated in their gain specs. His analysis has shown this.
So, if you want the real facts, go to an independent source for test results. ARRL is one such place and their are independent people who do the same.
Now, I will qualify my statements here by telling you that I am a business owner and Sales and Marketing specialist, so I know of what I speak.

Dan K3ZXL

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> Well...Fortunately, in Ham Radio, opinions are what it is all about...99% of
> all equipment is purchased on 'opinion'. Facts are few and far between and
> only available from the factories. Facts are what is printed about the
> equipment. But..does it work? 'Opinion' is really tells us about that
> equipment.
>
> So..let's keep the opinions....that is what I am interested in.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Tom Wilson" <wilsontp@...>
> Subject: Re: [FT897] Looking for a DTMF mic
>
>
> > I'm getting tired of the debates, myself. How about we all keep
> > *opinions* to ourselves and only deal in facts.
>

26854. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 21:48:42 UTC
From: David Moorman
Topic: 26811 Message: 26854

Dennis - There is a mobile mount manufactured by Yaesu, part number MMB-80. I have one.

I also BINed an FT-857 today and will try that out. If the ergonomics are doable, I'll install that in the car and sell the 897.

The car is a 1999 Avalon with a bench front seat, so there is plenty of room for the 897 on a pedestal mount. In most other cars, mounting it without taking up passenger room, such as Lew has done, would take a bigger effort. As far as I'm concerned, easier is better!

Dave K9SW

On Jul 11, 2009, at 9:43 AM, D. F. wrote:

> Plus, the 897 is MARKETED as a portable not a mobile.
> Plus, the fact that the face does not detach (NOT that it has to),
> there
> are no commercially available mobile mounts that even the manufacturer
> WOULD HAVE SUPPLIED, or at the least, manufactured and made
> available as
> some type of option or separate purchase (like the separation kit for
> most other mobiles).

[Non-text portions of this message have been removed]

26855. Re: Dangerous problem??

Yahoo group: FT897 (2009)
Date: 2009-07-12 12:35:16 UTC
From: Andy Digby
Topic: 26731 Message: 26855

Hi - there does appear to be an issue with some editions of the FT-897 on 50 MHz and I think I have one of them !

I hooked up a known good 50 MHz antenna to the HF / 6m port and started looking for beacons - nothing. Seemed odd.

I borrowed a mobile radio test set from work that weekend and ran a few checks like receiver sensitivity etc. The HF / 6m port was down to -95 dBm when the 6m signal I was injecting into the port disappeared. Hmm, somewhat deaf methinks.

Then, just for badness, I tried the same signal injection on the other port (144 / 430 MHz) and lo and behold, -113 dBm achieved for a good 10dB SINAD. The signal disappeared around -118 dBm.

Checked the transmission path and power was definitely coming out of the HF / 6m port and was in concordance with the menu setting. 5W to 100W all checked out OK into a known good 50 ohm load.

So I am suspecting a pin diode or something similar in the RF switching circuits right at the front end rather than a mis-directed physical connection. It could even be a FET of the right type but with the wrong specific characteristics.

Anybody else had similar experiences ?

My FT-897 certainly didn't switch itself off or glitch in any way.

73 de Andy, GØJLX

26856. Looking for a DTMF Mic

Yahoo group: FT897 (2009)
Date: 2009-07-12 12:40:05 UTC
From: Andy Digby
Topic: 26856 Message: 26856

Hi - there is a perfectly good MH-59 DTMF mic on the market that works just fine with the FT-897. I tend to swap my MD-1 base mic or MH-31 mobile mic out for the MH-59 DTMF mobile mic if I am using a repeater that has an Echolink node attached that needs DTMF commands.

Alternatively, get a handheld battery operated DTMF tone generator.

73 de Andy, GØJLX

26857. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-12 20:24:50 UTC
From: fred t. forbush
Topic: 26811 Message: 26857

--- In FT897@yahoogroups.com, David Moorman <dmoorman4@...> wrote:
>
> Dennis - There is a mobile mount manufactured by Yaesu, part number
> MMB-80. I have one.
>
> I also BINed an FT-857 today and will try that out. If the ergonomics
> are doable, I'll install that in the car and sell the 897.
>
> The car is a 1999 Avalon with a bench front seat, so there is plenty
> of room for the 897 on a pedestal mount. In most other cars,
> mounting it without taking up passenger room, such as Lew has done,
> would take a bigger effort. As far as I'm concerned, easier is better!
>
> Dave K9SW
>
> On Jul 11, 2009, at 9:43 AM, D. F. wrote:
>
> > Plus, the 897 is MARKETED as a portable not a mobile.
> > Plus, the fact that the face does not detach (NOT that it has to),
> > there
> > are no commercially available mobile mounts that even the manufacturer
> > WOULD HAVE SUPPLIED, or at the least, manufactured and made
> > available as
> > some type of option or separate purchase (like the separation kit for
> > most other mobiles).

Has anyone used the mh-36 dtmf mic? I have this mic but havn't been able to use it with my ft-897.
Fred
k6kub
>
>
>
> [Non-text portions of this message have been removed]
>

26858. Re: [FT897] Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-12 23:35:05 UTC
From: Danny Loyd
Topic: 26811 Message: 26858

I have the MH-36 DTMF mic and it works with my FT-897.

Danny
KE5WDI

_____
From: fred t. forbush <geminifred@...>
To: FT897@yahoogroups.com
Sent: Sunday, July 12, 2009 3:24:50 PM
Subject: [FT897] Re: Looking for a DTMF mic

--- In FT897@yahoogroups. com, David Moorman <dmoorman4@. ..> wrote:
>
> Dennis - There is a mobile mount manufactured by Yaesu, part number
> MMB-80. I have one.
>
> I also BINed an FT-857 today and will try that out. If the ergonomics
> are doable, I'll install that in the car and sell the 897.
>
> The car is a 1999 Avalon with a bench front seat, so there is plenty
> of room for the 897 on a pedestal mount. In most other cars,
> mounting it without taking up passenger room, such as Lew has done,
> would take a bigger effort. As far as I'm concerned, easier is better!
>
> Dave K9SW
>
> On Jul 11, 2009, at 9:43 AM, D. F. wrote:
>
> > Plus, the 897 is MARKETED as a portable not a mobile.
> > Plus, the fact that the face does not detach (NOT that it has to),
> > there
> > are no commercially available mobile mounts that even the manufacturer
> > WOULD HAVE SUPPLIED, or at the least, manufactured and made
> > available as
> > some type of option or separate purchase (like the separation kit for
> > most other mobiles).

Has anyone used the mh-36 dtmf mic? I have this mic but havn't been able to use it with my ft-897.
Fred
k6kub
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26859. Inconstant level of the white noise

Yahoo group: FT897 (2009)
Date: 2009-07-13 08:51:57 UTC
From: ok1fig
Topic: 26859 Message: 26859

Hello all,

I own and use the rig for years. Now, all of sudden, a strange behaviour occured.
When I disconnect antennas and tune accross a band, the level of the noise that the radio produces is not constant. It is rising then lowering than rising then lowering, etc etc, like a sine curve. The period seems to be around 150 kHz.
It is most obvious on lower HF bands, such as 160 and 80 m.
I use internal PSU.

Did anybody of you experienced anything like that?

Thanks for any hint, 73, Petr, OK1FIG

26860. Re: [FT897] Inconstant level of the white noise

Yahoo group: FT897 (2009)
Date: 2009-07-13 16:10:39 UTC
From: Charles Scott
Topic: 26859 Message: 26860

Petr:

This sounds like it might be local noise from something pretty close to your radio, but I suppose it could be an internal problem (I had heard some of the internal supplies did generate some noise).

What is the level of this noise? (S-Units?)

Do you have an antenna tuner connected and just disconnected the antenna line from the tuner?

Do you have a computer, monitor, or other similar thing in your shack? If so, you might want to turn it off and try the test again.

If neither of the above, then can you try connecting the radio to an external power supply to see if that makes a difference.

Chuck - N8DNX

ok1fig wrote:
> Hello all,
>
> I own and use the rig for years. Now, all of sudden, a strange behaviour occured.
> When I disconnect antennas and tune accross a band, the level of the noise that the radio produces is not constant. It is rising then lowering than rising then lowering, etc etc, like a sine curve. The period seems to be around 150 kHz.
> It is most obvious on lower HF bands, such as 160 and 80 m.
> I use internal PSU.
>
> Did anybody of you experienced anything like that?
>
> Thanks for any hint, 73, Petr, OK1FIG
>
>

26861. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-13 19:51:43 UTC
From: fred t. forbush
Topic: 26811 Message: 26861

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have the MH-36 DTMF mic and it works with my FT-897.
>
> Danny
> KE5WDI

Did you have to activate any menu functions to make it encode dtmf codes? Someone in this group said that radios previous to a particular serial number would need to be sent to the service center for reprograming to use the mh-36.
Fred
k6kub
>
>
>
>
> _____
> From: fred t. forbush <geminifred@...>
> To: FT897@yahoogroups.com
> Sent: Sunday, July 12, 2009 3:24:50 PM
> Subject: [FT897] Re: Looking for a DTMF mic
>
>
>
>
>
> --- In FT897@yahoogroups. com, David Moorman <dmoorman4@ ..> wrote:
> >
> > Dennis - There is a mobile mount manufactured by Yaesu, part number
> > MMB-80. I have one.
> >
> > I also BINed an FT-857 today and will try that out. If the ergonomics
> > are doable, I'll install that in the car and sell the 897.
> >
> > The car is a 1999 Avalon with a bench front seat, so there is plenty
> > of room for the 897 on a pedestal mount. In most other cars,
> > mounting it without taking up passenger room, such as Lew has done,
> > would take a bigger effort. As far as I'm concerned, easier is better!
> >
> > Dave K9SW
> >
> > On Jul 11, 2009, at 9:43 AM, D. F. wrote:
> >
> > > Plus, the 897 is MARKETED as a portable not a mobile.
> > > Plus, the fact that the face does not detach (NOT that it has to),

> > > there
> > > are no commercially available mobile mounts that even the manufacturer
> > > WOULD HAVE SUPPLIED, or at the least, manufactured and made
> > > available as
> > > some type of option or separate purchase (like the separation kit for
> > > most other mobiles).
>
> Has anyone used the mh-36 dtmf mic? I have this mic but havn't been able to use it with
my ft-897.
> Fred
> k6kub
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

26862. Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-13 20:45:47 UTC
From: lanoitanbell
Topic: 26811 Message: 26862

--- In FT897@yahoogroups.com, "oceanbiz01" <dan-schaaf@...> wrote:
>
> Don't be so quick to accept factory "facts". There is this thing called Specmanship which is what Marketing departments are all about. An example is this. There is a ham who I will leave un-named at present who has run NEC models on all 6 meter antennas that have been built, homebrew and commercially made. The commercially made antennas, to a large extent, have been overstated in their gain specs. His analysis has shown this.
> So, if you want the real facts, go to an independent source for test results. ARRL is one such place and their are independent people who do the same.
> Now, I will qualify my statements here by telling you that I am a business owner and Sales and Marketing specialist, so I know of what I speak.
>
> Dan K3ZXL
>
>
> --- In FT897@yahoogroups.com, Joe <WA6RKN@> wrote:
> >
> > Well...Fortunately, in Ham Radio, opinions are what it is all about...99% of
> > all equipment is purchased on 'opinion'. Facts are few and far between and
> > only available from the factories. Facts are what is printed about the
> > equipment. But..does it work? 'Opinion' is really tells us about that
> > equipment.
> >
> > So..let's keep the opinions....that is what I am interested in.
> >
> > Joe Wolfe
> > WA6RKN
> > Reno, Nevada
> >
> > ----- Original Message -----
> > From: "Tom Wilson" <wilsontp@>
> > Subject: Re: [FT897] Looking for a DTMF mic
> >
> >
> > > I'm getting tired of the debates, myself. How about we all keep
> > > *opinions* to ourselves and only deal in facts.
> >
>

A friend gave me an Yaesu MH-27 microphone
DTMF..backlighted buttons...power ON/OFF/...Fast/slow tuning/scan...PTT lock switch.
Operates real good.

Lan

26863. Re: Inconstant level of the white noise

Yahoo group: FT897 (2009)
Date: 2009-07-13 21:27:07 UTC
From: Steve Yates
Topic: 26859 Message: 26863

You might also try terminating the receiver with a 50 ohm dummy load and see what happens. A true test would be to see if the signal to noise ratio actually changed from band to band given a constant level input from a 50 ohm signal generator.

73,
Steve - AA5TB

26864. FT-897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-11 00:00:01 UTC
From: w1cdo_mobile
Topic: 26864 Message: 26864

Please contact me off list if any of this is of interest to you.

This radio has been under a dust cover. In same condition as when it came out of the box. Many pictures available.

Model # New Ask
Description

FT-897D 820 620
Radio

FP-30 188 135
Built in AC Supply

YF-122C 143 95
Collins Mech Filter

YF-122S 143 95
Collins Mech Filter

945

The above unit is assembled as shown but could be split up

The following is the complete Yaesu battery setup

Model # new ask

FNB-78 two 99/each 50/ea Internal battery
option

CD-24 107 65 Charger
for batteries

PA-26 76 50 AC
supply for charger

Includes bottom cover plate 215

Model # new ask Description

FC-30 215 150 Matching
antenna tuner

MH-31A8J 37 25 Microphone

MH-59 74 45 DTMF
microphone

Will split to the extent possible or sell all for $1,000.

[Non-text portions of this message have been removed]

26865. Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Yahoo group: FT897 (2009)
Date: 2009-07-07 01:02:53 UTC
From: Dan Schaaf
Topic: 26460 Message: 26865

Hi Rob

Thanks for that explanation. I do appreciate it and I take your expertise as reference. We are never too old to learn something new to us.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"
==========
NOBSKA
www.nobska.net
==========
Cape Cod Instruments
www.oceanbiz.net
==========
----- Original Message -----
From: af6cm_yahoo@...
To: Yahoo FT897 Group
Sent: Monday, July 06, 2009 8:46 PM
Subject: Re: [FT897] Hole Current (was Re: batteries-12 volt, 6 cell, lead-acid vs FT-897)

Dan,

Since this is part of my area of expertise, and this is a pretty basic question, I consider myself to be one reference.

Just for you, I did some quick research. The IEEE Dictionary defines hole as: "A mobile vacancy in the electronic valence structure of a semiconductor that acts like a positive electron charge with a positive mass."

The valence structure of a metal is quite different from doped silicon, so there are no holes in conductors.

Unfortunately, a good explanation is not short, so I would suggest further research if you are interested.

There are a number of textbooks on the subject. A search of Amazon would give you a number of choices. Search for "semiconductor physics".

In a semiconductor, in the presence of an electric field, the holes and electrons do move in opposite directions. Since the charges are opposite the "conventional current" moves in the direction of the holes and includes both the hole and electron current contributions.

Rob
AF6CM

On Mon, 06 Jul 2009 19:25 +0000, "oceanbiz01"
<dan-schaaf@...> wrote:

Rob
Please point me to a piece of reference material which excludes
evrything (including copper) except semiconductors. It seems to
me that when an electron leaves it's orbit, it leaves a hole
behind, regardless of the material, no matter the material. I am
open to being educated here.
And yes I know that hole current is not exclusively AC. As the
electron moves east, the hole moves west, or perhaps the hole
remains in place waiting for a new electron. But the hole at
least appears to move in the opposite direction.
Dan K3ZXL
--- In [1]FT897@yahoogroups.com
, af6cm_yahoo@... wrote:
>
> Dan,
>
> I am not sure if this was intended as a serious question
(hetro-
> oriented???), but I'll answer it anyway.
>
> Holes and hole current are only found in semiconductors, such
> as silicon. So they do not exist in conductors or insulators.
>
> Holes are actually locations in the crystal lattice of a
> semiconductor that are short one electron.
>
> Finally, hole current is not exclusively AC.
>
> Rob
> AF6CM
>
>
>
> On Fri, 03 Jul 2009 11:32 +0000, "oceanbiz01"
> <dan-schaaf@...> wrote:
>
> Holes (the opposite of electrons) are also hetro-oriented.
Why
> do they not also go to the skin of the conductor instead of the
> electrons? Which one gets to decide who is on the skin and who
is
> in the center. There is also the Hole Theory which says that
> holes move in the opposite direction from electrons. It is
called
> Hole Flow. This is an A.C. phenomenon.
> Dan K3ZXL

>

References

1. mailto:FT897%40yahoogroups.com
2. http://groups.yahoo.com/group/FT897/message/26460;_ylc=X3oDMTM2MmFqNmdmBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzI2NzA3BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTI0NjkyMjc1OAR0cGNJZAMyNjQ2MA--
3. http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJxMWM2N2VwBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzI2NzA3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTI0NjkyMjc1OA--?act=reply&messageNum=26707
4. http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJlZ2Y1cDc4BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI0NjkyMjc1OA--
5. http://groups.yahoo.com/group/FT897/messages;_ylc=X3oDMTJlOTZ1Mzg3BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA21zZ3MEc3RpbWUDMTI0NjkyMjc1OA--
6. http://groups.yahoo.com/group/FT897/files;_ylc=X3oDMTJmOXVkZWluBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2ZpbGVzBHN0aW1lAzEyNDY5MjI3NTg-
7. http://groups.yahoo.com/group/FT897/photos;_ylc=X3oDMTJlM3UxZ2h2BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3Bob3QEc3RpbWUDMTI0NjkyMjc1OA--
8. http://groups.yahoo.com/group/FT897/links;_ylc=X3oDMTJmNWg1aTFiBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2xpbmtzBHN0aW1lAzEyNDY5MjI3NTg-
9. http://groups.yahoo.com/group/FT897/database;_ylc=X3oDMTJjYTVmYmtsBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2RiBHN0aW1lAzEyNDY5MjI3NTg-
10. http://groups.yahoo.com/group/FT897/polls;_ylc=X3oDMTJmcnM4ZTdzBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3BvbGxzBHN0aW1lAzEyNDY5MjI3NTg-
11. http://groups.yahoo.com/group/FT897/calendar;_ylc=X3oDMTJkcHAya3I5BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2NhbARzdGltZQMxMjQ2OTIyNzU4
12. http://us.ard.yahoo.com/SIG=14ktu2ilu/M=493064.12016295.13271503.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1246929958/L=/B=ciN5JkPDhC8-/J=1246922758652603/K=pzIztBdiaDn8uF_UJ9gfOQ/A=5697381/R=0/SIG=11eaa5dke/*http://groups.yahoo.com/group/mompowergroup/
13. http://groups.yahoo.com/;_ylc=X3oDMTJkdW1pZDdyBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjQ2OTIyNzU4
14. http://groups.yahoo.com/group/FT897/join;_ylc=X3oDMTJma3Y3NWY1BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3N0bmdzBHN0aW1lAzEyNDY5MjI3NTg-
15. mailto:FT897-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest
16. mailto:FT897-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional

17.
http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJkYTVpZWI5BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3N
TAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjQ2OTIyNzU4
18. http://docs.yahoo.com/info/terms/
19. mailto:FT897-unsubscribe@yahoogroups.com?subject=
20.
http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmZ3N1NGYwBF9TAzk3MzU5NzE0BGdycElkA
zY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNDY5MjI3NTg-
21.
http://groups.yahoo.com/group/FT897/spnew;_ylc=X3oDMTJmMWYyNnU4BF9TAzk3MzU5NzE0BGdycElkAzY
2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZwaG90BHN0aW1lAzEyNDY5MjI3NTg-
22.
http://groups.yahoo.com/group/FT897/files;_ylc=X3oDMTJncG9xbDBwBF9TAzk3MzU5NzE0BGdycElkAzY
2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZmaWxlcwRzdGltZQMxMjQ2OTIyNzU4
23.
http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJldWg5bjRqBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3N
TAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI0NjkyMjc1OA--
24.
http://us.ard.yahoo.com/SIG=14hska9g0/M=493064.12016255.12445662.8674578/D=groups/S=170506
3108:NC/Y=YAHOO/EXP=1246929958/L=/B=diN5JkPDhC8-/J=1246922758652603/K=pzIztBdiaDn8uF_UJ9gf
OQ/A=4025338/R=0/SIG=12jnci1fd/*http://us.rd.yahoo.com/evt=44092/*http://searchmarketing.y
ahoo.com/srch/index.php
25.
http://us.ard.yahoo.com/SIG=14hecqmf9/M=493064.12662709.13497510.8674578/D=groups/S=170506
3108:NC/Y=YAHOO/EXP=1246929958/L=/B=dyN5JkPDhC8-/J=1246922758652603/K=pzIztBdiaDn8uF_UJ9gf
OQ/A=5689707/R=0/SIG=11eaa5dke/*http://groups.yahoo.com/group/mompowergroup/
26.
http://us.ard.yahoo.com/SIG=14ieo9emb/M=493064.12016300.12445692.11323196/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1246929958/L=/B=eCN5JkPDhC8-/J=1246922758652603/K=pzIztBdiaDn8uF_UJ9g
fOQ/A=5170417/R=0/SIG=11b5gu1oe/*http://new.groups.yahoo.com/specialKgroup

[Non-text portions of this message have been removed]

26866. Re: [FT897] Re: Batteries in parallel

Yahoo group: FT897 (2009)
Date: 2009-07-11 12:21:36 UTC
From: Dan Schaaf
Topic: 26819 Message: 26866

Hi Larry

yes, you are correct. Our equipment is mission critical. Ham gear is just a hobby. If the ham battery dies, you go outside and play with your kids and have a barbeque. Hopefully people do that anyway, even when the batteries are OK HiHi
Our batteries are not rechargeable so power management is critical.

Best Regards
Dan Schaaf
K3ZXL www.k3zxl.com "In the Beginning, there was Spark Gap"
==========
NOBSKA
www.nobska.net
==========
Cape Cod Instruments
www.oceanbiz.net
==========
----- Original Message -----
From: Larry D. Barr, K5WLF
To: FT897@yahoogroups.com
Sent: Saturday, July 11, 2009 12:04 AM
Subject: Re: [FT897] Re: Batteries in parallel

Dan,

The diodes are a great idea in the event of a battery failure, but I have a comment. I can see where they'd work well if you were building, say, a nominal 7.2 volt Ni-MH pack which would feed a regulator for a bus voltage of 5 V for logic circuits. Or any system where the battery voltage is significantly above the desired circuit voltage. But it seems there would be a problem with the voltage drop through even a good Schottky diode when the end use device needs the full battery voltage.

For example, my FT-897D is rated at 13.8 VDC ± 15%. That gives it a voltage range of 11.73 - 15.87 VDC. Using a diode, I'll be giving up approximately 0.3 V (or more) through the Schottky. This means that I'll be out of the factory approved voltage range for the radio at a battery voltage of ~12.03 volts. Approximately half a volt above the safe discharge level for the battery. So, I'll be losing a percentage of battery capacity because the diode is accelerating the low voltage cutoff point due to its loss.

Admittedly, the capacity can be regained by adding another battery or two, but given the cost of good AGMs these days, that's not a do-able solution for many hams.

There is a lot of equipment and virtually every renewable energy system in existence utilizing multiple paralleled batteries without the diode protection. I've used multiple batteries in parallel, both AGM and flooded-cell, for many years, including 19 months off-grid on a wind generator, without diode OR gating. And never had a problem.

While I like the idea for certain applications, especially when you need a 'fail-safe' power source for mission critical gear such as your undersea equipment, I don't believe that it's economically feasible for most ham power applications.

It would also require a more complex charging connection, since you could not simply connect the charger across the bus due to the diodes blocking the charging current.

It is a truly elegant solution, but I don't believe that it is applicable to most amateur radio battery power systems.

73,
ldb
K5WLF

oceanbiz01 wrote:
> Lou,
>
> I own a manufacturing company. We make under water scientific
> instruments. These instruments are battery powered. All of our
> battery packs are made from stacks in parallel in order to get the
> desired amperage. However, each stack in parallel has a diode so that
> all stacks are Diode OR'ed to the red wire in the pack. That way, if
> one stack depletes prematurely, it does not drain power from the
> other stacks. This is normal procedure for parallel batteries,
> especially if you do not want damage to one battery by another.
>
> So, go ahead and parallel them, just diode OR each one in parallel.
>
> Dan K3ZXL

[Non-text portions of this message have been removed]

26867. Re: [FT897] Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-11 19:44:09 UTC
From: Larry
Topic: 26811 Message: 26867

I Agree!!
Larry
n3vsi

----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Saturday, July 11, 2009 14:44
Subject: Re: [FT897] Looking for a DTMF mic

What do all these comments and opinions have to do with "Looking for a DTMF mic" ??
88 Carl WZ4CW

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.387 / Virus Database: 270.13.10/2231 - Release Date: 07/11/09 05:57:00

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.387 / Virus Database: 270.13.10/2231 - Release Date: 07/11/09 05:57:00

[Non-text portions of this message have been removed]

26868. Yaesu FT-901DM

Yahoo group: FT897 (2009)
Date: 2009-07-13 08:26:04 UTC
From: R. Brown
Topic: 26868 Message: 26868

Subject: Yaesu FT-901DM

I am not sure where to put this, but I wanted to make it available to my Bay Area friends before I post it elsewhere. If this is not the correct spot, could someone kindly move the posting to the proper spot.

Yaesu FT-901DM (Excellent condition!!!) with SP901, mike, AC and dc power connectors. Has fan option installed. Friends have described this as close to showroom as they have seen. $550 I will be selling this radio this week. Please pass this on to any interested ham. I would prefer to sell this locally and not have to ship it.

I can meet someone at Big Bend and US Hwy 301 off I75 Exit 246.

Detailed pictures here: http://gallery.me.com/rvbcave#100049

Warmest Regards,
Robby
W4RVB

[Non-text portions of this message have been removed]

26869. Re: [FT897] FT897 Blinking display

Yahoo group: FT897 (2009)
Date: 2009-07-13 18:19:26 UTC
From: Jan de Vries
Topic: 26752 Message: 26869

Yoooo bedankt voor de info.
Thanks, that gives a clue, so i will be looking in the pll cirquit.
Anny more tips on this ??

Jan

PE1IYQ / DL5MDN

--- On Fri, 7/10/09, Minto Witteveen <minto.witteveen@...> wrote:

From: Minto Witteveen <minto.witteveen@...>
Subject: Re: [FT897] FT897 Blinking display
To: FT897@yahoogroups.com
Date: Friday, July 10, 2009, 9:38 PM

AFAIR a blinking display means that the main PLL oscillator fails to lock.

regards,

Minto pa3bca

----- Original Message -----
From: "Gabriel-Florin MIHAILA" <mgf_braila@yahoo. com>
To: <FT897@yahoogroups. com>
Sent: Friday, July 10, 2009 18:57
Subject: Re: [FT897] FT897 Blinking display

Hi Jan,
I have the same issue here. The FT897D worked fine till two days ago. I was using it on 2m band, some repeater chat. Then the next day when I have it powered up the display started blinking on every band. There is also no audio but if I let it powered for some time (can be seconds or minutes) then eratically the display will stand still and the green RX led lit, there will be sound (like white noise with some barely heard transmissions - which are not heard by another trx in the same displayed frequency).
Also, if I try to press the PTT on any band (inside the ham radio allocated bands) the display will show "TX ERROR" .
The display stands still though if I get in settings menu via "F" button.
I have tried reseting it with V/M &F pressed at startup, changing antennas but still no joy. I am so upset eek.
Would be nice if anybody gives us some clue on what to do as I do not think that the rig is "dead".
Kind regards,
Gabi - YO4HEK

--- On Wed, 7/8/09, John <jdv.vcomm@gmail. com> wrote:

From: John <jdv.vcomm@gmail. com>
Subject: [FT897] FT897 Blinking display
To: FT897@yahoogroups. com
Date: Wednesday, July 8, 2009, 4:58 PM

Hi all,

I just got an FT897, and its defective (noy my fault thou :-)).

When i turtn on the radio, the beep sounds, but nothing else, the display is blinking, but freq. etc. can be changed.

Radio is also willing to go in to the settings mode (like power/mod etc.)

I also did a reset of the radio, but no effect.

anny ideas ???

GRTZ, 73's

Jan de Vries

PE1IYQ / DL5MDN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26870. Microphone on FT897

Yahoo group: FT897 (2009)
Date: 2009-07-11 08:35:20 UTC
From: g4dpf
Topic: 26870 Message: 26870

Hi
Wonder if someone can help ?

I am putting a differant mic on my FT897.
In the manual the mic socket is shown as having a mic ground and a ground
Can I join together the mic gound and the gnd copnnections on the microphone plug as my mic doesn't have a seperate mic ground ?

Tnx es 73 Iain G4DPF

26871. Re: Inconstant level of the white noise

Yahoo group: FT897 (2009)
Date: 2009-07-14 06:46:19 UTC
From: ok1fig
Topic: 26859 Message: 26871

Thanks all for the answers.
I played with the rig a bit more yesterday again. I revealed that the internal PSU is to blame. I connected the external PSU and was switching the internal one on and off for the test.
The noise was most heard on 160 and 80m and also on 10m band. It was not audible on 2m and 70cm.
I removed the internal PSU - the noise was not audible when switched on on the desk. I put a piece of wire into the ant connector and let it lie over the internal PSU - the noise is audible again.
Definitelly something happened with the PSU because I would have noticed the inconstant noise before.
I wonder whether a healthy PSU would make some noise as well. The test is simple. Use external PSU, tune to 80m band, disconnect both antennas and switch the internal PSU on and off repeatedly.
Can anybody make such a simple test?

Thanks, 73, Petr

--- In FT897@yahoogroups.com, "ok1fig" <p.maly@...> wrote:
>
> Hello all,
>
> I own and use the rig for years. Now, all of sudden, a strange behaviour occured.
> When I disconnect antennas and tune accross a band, the level of the noise that the radio produces is not constant. It is rising then lowering than rising then lowering, etc etc, like a sine curve. The period seems to be around 150 kHz.
> It is most obvious on lower HF bands, such as 160 and 80 m.
> I use internal PSU.
>
> Did anybody of you experienced anything like that?
>
> Thanks for any hint, 73, Petr, OK1FIG
>

26872. Re: [FT897] Re: Looking for a DTMF mic

Yahoo group: FT897 (2009)
Date: 2009-07-14 12:18:18 UTC
From: Danny Loyd
Topic: 26811 Message: 26872

I can't remember the menu number, but I believe there is one for setting for DTMF. It tells you in the manual.

Danny
KE5WDI

From: fred t. forbush <geminifred@...>
To: FT897@yahoogroups.com
Sent: Monday, July 13, 2009 2:51:43 PM
Subject: [FT897] Re: Looking for a DTMF mic

--- In FT897@yahoogroups. com, Danny Loyd <ke5wdi@...> wrote:
>
> I have the MH-36 DTMF mic and it works with my FT-897.
>
> Danny
> KE5WDI

Did you have to activate any menu functions to make it encode dtmf codes? Someone in this group said that radios previous to a particular serial number would need to be sent to the service center for reprograming to use the mh-36.
Fred
k6kub
>
>
>
>
> ---------- --------- --------- --
> From: fred t. forbush <geminifred@ ...>
> To: FT897@yahoogroups. com
> Sent: Sunday, July 12, 2009 3:24:50 PM
> Subject: [FT897] Re: Looking for a DTMF mic
>
>
>
>
>
> --- In FT897@yahoogroups. com, David Moorman <dmoorman4@ ..> wrote:
> >
> > Dennis - There is a mobile mount manufactured by Yaesu, part number
> > MMB-80. I have one.
> >
> > I also BINed an FT-857 today and will try that out. If the ergonomics
> > are doable, I'll install that in the car and sell the 897.
> >

> > The car is a 1999 Avalon with a bench front seat, so there is plenty
> > of room for the 897 on a pedestal mount. In most other cars,
> > mounting it without taking up passenger room, such as Lew has done,
> > would take a bigger effort. As far as I'm concerned, easier is better!
> >
> > Dave K9SW
> >
> > On Jul 11, 2009, at 9:43 AM, D. F. wrote:
> >
> > > Plus, the 897 is MARKETED as a portable not a mobile.
> > > Plus, the fact that the face does not detach (NOT that it has to),
> > > there
> > > are no commercially available mobile mounts that even the manufacturer
> > > WOULD HAVE SUPPLIED, or at the least, manufactured and made
> > > available as
> > > some type of option or separate purchase (like the separation kit for
> > > most other mobiles).
>
> Has anyone used the mh-36 dtmf mic? I have this mic but havn't been able to use it with
my ft-897.
> Fred
> k6kub
> >
> >
> >
> > [Non-text portions of this message have been removed]
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>

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26873. Re: [FT897] FT897 Blinking display

Yahoo group: FT897 (2009)
Date: 2009-07-14 14:39:04 UTC
From: Minto Witteveen
Topic: 26752 Message: 26873

----- Original Message -----
From: "Jan de Vries" <johnny_freez@...>
To: <FT897@yahoogroups.com>
Sent: Monday, July 13, 2009 20:19
Subject: Re: [FT897] FT897 Blinking display

Yoooo bedankt voor de info.
Thanks, that gives a clue, so i will be looking in the pll cirquit.
Anny more tips on this ??

Jan

PE1IYQ / DL5MDN

No not really.

And I doubt that it can be easily fixed, unless it is caused by lousy adjustment(s) at the Yaesu factory - they do have a bad track record adjusting the bias currents of the driver and finals.
Page 11 of the service manual describes local oscillator and PLL adjustments. You might start with checking frequencies and output levels of the LO and the control voltages of the PLL loops, in that order. (although the PLL must be adjusted for 5 frequency ranges and it is unlikely that they are ALL unaligned.)

Regards,

Minto pa3bca.

-- On Fri, 7/10/09, Minto Witteveen <minto.witteveen@...> wrote:

From: Minto Witteveen <minto.witteveen@...>
Subject: Re: [FT897] FT897 Blinking display
To: FT897@yahoogroups.com
Date: Friday, July 10, 2009, 9:38 PM

AFAIR a blinking display means that the main PLL oscillator fails to lock.

regards,

Minto pa3bca

----- Original Message -----
From: "Gabriel-Florin MIHAILA" <mgf_braila@yahoo. com>
To: <FT897@yahoogroups. com>
Sent: Friday, July 10, 2009 18:57
Subject: Re: [FT897] FT897 Blinking display

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Also, if I try to press the PTT on any band (inside the ham radio allocated bands) the display will show "TX ERROR" .
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Kind regards,
Gabi - YO4HEK

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I also did a reset of the radio, but no effect.

anny ideas ???

GRTZ, 73's

Jan de Vries

PE1IYQ / DL5MDN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26874. Using an alternative battery charger for the internal battery?

Yahoo group: FT897 (2009)
Date: 2009-07-14 16:53:16 UTC
From: Richard Corfield
Topic: 26874 Message: 26874

I'm considering buying either the Yaesu internal battery pack or the W4RT one. I already own a battery charger for 11 cell NiMH packs sold by Lumicycle. This has just the two wires to the battery pack itself, no other sense wires or anything.

Is the pinout of the CHG connector documented anywhere? Would it be possible to use such a charger with the Yaesu battery pack?

Thanks

- Richard (M0RJC)

[Non-text portions of this message have been removed]

26875. Re: FT-897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-14 22:12:43 UTC
From: Hank
Topic: 26864 Message: 26875

What kind of a dust cover? I have been thinking about getting one for my 897.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, "w1cdo_mobile" <w1cdo@...> wrote:
>
>
> Please contact me off list if any of this is of interest to you.
>
> This radio has been under a dust cover. In same condition as when it
> came out of the box. Many pictures available.
>
> Model # New Ask
> Description
>
> FT-897D 820 620
> Radio
>
> FP-30 188 135
> Built in AC Supply
>
> YF-122C 143 95
> Collins Mech Filter
>
> YF-122S 143 95
> Collins Mech Filter
>
> 945
>
> The above unit is assembled as shown but could be split up
>
>
>
> The following is the complete Yaesu battery setup
>
> Model # new ask
>
> FNB-78 two 99/each 50/ea Internal battery
> option
>
> CD-24 107 65 Charger
> for batteries
>
> PA-26 76 50 AC
> supply for charger

>
> Includes bottom cover plate 215
>
>
>
> Model # new ask Description
>
> FC-30 215 150 Matching
> antenna tuner
>
> MH-31A8J 37 25 Microphone
>
> MH-59 74 45 DTMF
> microphone
>
> Will split to the extent possible or sell all for $1,000.
>
>
>
>
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>
> [Non-text portions of this message have been removed]
>

26876. ft897d Signalink SL 1+

Yahoo group: FT897 (2009)
Date: 2009-07-15 00:23:39 UTC
From: KD5BLZ
Topic: 26876 Message: 26876

Hi
I have the signalink SL
My wife and I had lived in apartments and just moved into a house. Used it one time during a fishing trip.
Hooked it up today and it receives fine. but no transmit.
I am using LINUX also.
Radio FT-897d
any Suggestions.
Thanks
Nathan
KD5BLZ

26877. RE: [FT897] ft897d Signalink SL 1+

Yahoo group: FT897 (2009)
Date: 2009-07-15 02:13:27 UTC
From: Michael Walker (VA3MW)
Topic: 26876 Message: 26877

Nathan,

What are you trying to do? I assume your linux program is attempting to transmit.

Assuming it is running in vox mode, you need to be 100% sure the audio is being routed to the right device as well (the Signalink) and not the default sound device.

Is it connected to the Mic connector or to the data connector?

Does the PTT led light on the unit when you attempt to transmit?

Mike VA3MW

From: KD5BLZ [mailto:wattsne1999@...]
Sent: Tuesday, July 14, 2009 8:24 PM
To: FT897@yahoogroups.com
Subject: [FT897] ft897d Signalink SL 1+

Hi
I have the signalink SL
My wife and I had lived in apartments and just moved into a house. Used it one time during a fishing trip.
Hooked it up today and it receives fine. but no transmit.
I am using LINUX also.
Radio FT-897d
any Suggestions.
Thanks
Nathan
KD5BLZ

[Non-text portions of this message have been removed]

26878. Memory file wtd please

Yahoo group: FT897 (2009)
Date: 2009-07-14 13:23:23 UTC
From: lee_humphrey@btinternet.com
Topic: 26878 Message: 26878

Hi all, just bought an FT-897 and looking for a uk repeater list file in the .rdf or .897 format.
thanks
lee

26879. RE: [FT897] Re: FT-897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-14 23:16:51 UTC
From: John
Topic: 26864 Message: 26879

Thank you Hank. It has all been sold except the PS.

John

From: Hank [mailto:hank@...]
Sent: Tuesday, July 14, 2009 3:13 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT-897D For Sale

What kind of a dust cover? I have been thinking about getting one for my
897.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> ,
"w1cdo_mobile" <w1cdo@...> wrote:
>
>
> Please contact me off list if any of this is of interest to you.
>
> This radio has been under a dust cover. In same condition as when it
> came out of the box. Many pictures available.
>
> Model # New Ask
> Description
>
> FT-897D 820 620
> Radio
>
> FP-30 188 135
> Built in AC Supply
>
> YF-122C 143 95
> Collins Mech Filter
>
> YF-122S 143 95
> Collins Mech Filter
>
> 945
>
> The above unit is assembled as shown but could be split up
>
>
>
> The following is the complete Yaesu battery setup
>

> Model # new ask
>
> FNB-78 two 99/each 50/ea Internal battery
> option
>
> CD-24 107 65 Charger
> for batteries
>
> PA-26 76 50 AC
> supply for charger
>
> Includes bottom cover plate 215
>
>
>
> Model # new ask Description
>
> FC-30 215 150 Matching
> antenna tuner
>
> MH-31A8J 37 25 Microphone
>
> MH-59 74 45 DTMF
> microphone
>
> Will split to the extent possible or sell all for $1,000.
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26880. Re: FT-897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-15 11:09:46 UTC
From: Hank
Topic: 26864 Message: 26880

I wasn't looking to buy, but was just inquiring about the dust cover; sorry I wasn't more clear. I was wondering if you bought the dust cover, and if so, where? I have an 897D with the LDG-897 tuner attached. I would like to find a nice dust cover for mine, but haven't found one yet. I think a company could do well making custom dust covers for amateur rigs, especially nice ones with the radio logo's on them.

If anyone knows of someone making dust covers for ham rigs, please let me know. I posted this in the list instead of off-list because I thought others would be interested as well.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, "John" <w1cdo@...> wrote:
>
> Thank you Hank. It has all been sold except the PS.
>
>
>
> John
>
>
>
> From: Hank [mailto:hank@...]
> Sent: Tuesday, July 14, 2009 3:13 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: FT-897D For Sale
>
>
>
>
>
>
>
>
>
> What kind of a dust cover? I have been thinking about getting one for my
> 897.
>
> 73 de Hank / KB4MTO
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> ,
> "w1cdo_mobile" <w1cdo@> wrote:
> >
> >
> > Please contact me off list if any of this is of interest to you.
> >
> > This radio has been under a dust cover. In same condition as when it
> > came out of the box. Many pictures available.

> >
> > Model # New Ask
> > Description
> >
> > FT-897D 820 620
> > Radio
> >
> > FP-30 188 135
> > Built in AC Supply
> >
> > YF-122C 143 95
> > Collins Mech Filter
> >
> > YF-122S 143 95
> > Collins Mech Filter
> >
> > 945
> >
> > The above unit is assembled as shown but could be split up
> >
> >
> >
> > The following is the complete Yaesu battery setup
> >
> > Model # new ask
> >
> > FNB-78 two 99/each 50/ea Internal battery
> > option
> >
> > CD-24 107 65 Charger
> > for batteries
> >
> > PA-26 76 50 AC
> > supply for charger
> >
> > Includes bottom cover plate 215
> >
> >
> >
> > Model # new ask Description
> >
> > FC-30 215 150 Matching
> > antenna tuner
> >
> > MH-31A8J 37 25 Microphone
> >
> > MH-59 74 45 DTMF
> > microphone
> >
> > Will split to the extent possible or sell all for $1,000.

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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

26881. Re: ft897d Signalink SL 1+

Yahoo group: FT897 (2009)
Date: 2009-07-15 19:37:29 UTC
From: ve3wmb
Topic: 26876 Message: 26881

Its also worth mentioning that you probably need the radio to be in DIG mode, I can't remember if the data port is fully functional in SSB mode.

Michael VE3WMB

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Nathan,
>
>
>
> What are you trying to do? I assume your linux program is attempting to
> transmit.
>
>
>
> Assuming it is running in vox mode, you need to be 100% sure the audio is
> being routed to the right device as well (the Signalink) and not the default
> sound device.
>
>
>
> Is it connected to the Mic connector or to the data connector?
>
>
>
> Does the PTT led light on the unit when you attempt to transmit?
>
>
>
> Mike VA3MW
>
>
>
>
>
>
>
>
>
> From: KD5BLZ [mailto:wattsne1999@...]
> Sent: Tuesday, July 14, 2009 8:24 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] ft897d Signalink SL 1+
>
>
>

>
>
>
>
>
> Hi
> I have the signalink SL
> My wife and I had lived in apartments and just moved into a house. Used it
> one time during a fishing trip.
> Hooked it up today and it receives fine. but no transmit.
> I am using LINUX also.
> Radio FT-897d
> any Suggestions.
> Thanks
> Nathan
> KD5BLZ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26882. Re: [FT897] Re: ft897d Signalink SL 1+

Yahoo group: FT897 (2009)
Date: 2009-07-15 21:39:48 UTC
From: Thomas Wilson
Topic: 26876 Message: 26882

It depends on your situation. The radio looks at a combination of the operating mode (FM/AM/SSB, DIG, PACKET, CW) and the AUTO CW menu item to determine whether to send audio from the rear panel or a CW tone with the data port's PTT line is keyed.

When you key the radio through CAT (such as when using Ham Radio Deluxe), data jack audio is only sent when the radio is in Dig or Packet modes. It will send microphone audio in any phone mode.

When you turn on the digital VOX mode, the radio will use the digital VOX sensitivity and digital gain settings (Packet gain in FM) to key the radio. It will always send data port audio when keyed by digital VOX. Note, there's no menu option to turn digital VOX on or off, you set the gain to 0 to disable digital VOX.

On Wed, Jul 15, 2009 at 12:37 PM, ve3wmb<mbabineau@magma.ca> wrote:
>
>
> Its also worth mentioning that you probably need the radio to be in DIG
> mode, I can't
> remember if the data port is fully functional in SSB mode.
>
> Michael VE3WMB
>
> --- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>>
>> Nathan,
>>
>>
>>
>> What are you trying to do? I assume your linux program is attempting to
>> transmit.
>>
>>
>>
>> Assuming it is running in vox mode, you need to be 100% sure the audio is
>> being routed to the right device as well (the Signalink) and not the
>> default
>> sound device.
>>
>>
>>
>> Is it connected to the Mic connector or to the data connector?
>>
>>
>>

>> Does the PTT led light on the unit when you attempt to transmit?
>>
>>
>>
>> Mike VA3MW
>>
>>
>>
>>
>>
>>
>>
>> From: KD5BLZ [mailto:wattsne1999@...]
>> Sent: Tuesday, July 14, 2009 8:24 PM
>> To: FT897@yahoogroups.com
>> Subject: [FT897] ft897d Signalink SL 1+
>>
>>
>>
>>
>>
>>
>>
>>
>> Hi
>> I have the signalink SL
>> My wife and I had lived in apartments and just moved into a house. Used it
>> one time during a fishing trip.
>> Hooked it up today and it receives fine. but no transmit.
>> I am using LINUX also.
>> Radio FT-897d
>> any Suggestions.
>> Thanks
>> Nathan
>> KD5BLZ
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>

--
Tom Wilson
wilsontp@...m
(619)342-1391
KI6ABZ

26883. DUST COVER

Yahoo group: FT897 (2009)
Date: 2009-07-16 03:05:42 UTC
From: Bill Barbee
Topic: 26883 Message: 26883

Whoever was looking for a dust cover for their radio, check out
http://radiodustcovers.com
Somebody sent me this web site. I have never bought a cover
from this person but they look good.
Bill W5LV

26884. RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-07-16 05:16:52 UTC
From: Thomas Wilson
Topic: 26884 Message: 26884

So I finally got my Bluetooth Serial adapter today... and it's pretty awesome.

Let me explain my situation: due to my computer setup, I get RF from the radio in to the computer when I try to work PSK with Ham Radio Deluxe and Digital Master 780. RF is feeding back through the CAT cable in to the USB Serial port, dropping the connection between HRD and the radio. It also feeds through my keyboard switch in to my other computer, eventually injecting RF in to the house's TV cable wiring. Because of my audio, video, and USB interconnections between both computers, I can't isolate the ground on either computer. The computer also feeds RF noise back in to the computer. The quietest setup on both TX and RX was to have the radio grounded to my grounding stake outside and leave the computers and cable TV grounded to the cold water pipe... with the radio NOT connected to the computer.

But I really wanted to use HRD, so the only viable solution was some sort of isolated serial port. Opto-isolated serial ports are expensive, so I thought about a bluetooth serial port. I picked up an IOGear BGS301 from Amazon and a Belkin Bluetooth adapter locally.

The Serial port was easy to set up: the DIP switch sets one of 8 possible baud rates, and pairing it with the computer's Bluetooth was simple. This created a new COM port: COM7.

So the next step is obvious: turn on HRD and tell it to talk on COM7. Everything went perfectly: I made several PSK CQ's on different bands and everything worked flawlessly. HRD never lost its connection to the radio, and the KVM switch didn't freak out like it had been.

The total cost of this little project was around $80: $64 or so for the serial port and $15 for the Bluetooth adapter. Considering the fact that everything "just works" now, I'm going to call this one a win.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26885. FT897d and ATAS 120a prob

Yahoo group: FT897 (2009)
Date: 2009-07-16 13:42:21 UTC
From: Steve
Topic: 26885 Message: 26885

Hi all, I have a ft857d with a atas 120a mobile and all is fine,
But when i tried the atas on my 897d I have a problem,
The 897 does not power the atas motor, all menu's are set correctly i.e menu 85 set to ATAS
ALL have tried the other settings too, when if MFk the tune up and down buttons have no effect at all,
ATAS does not appear or the screen either,
having the Duplexer inline makes no difference,
Have also tried the manual tune i.e PTT keyed and pressing the up or down buttons in MFk
Some points i've noted,

with the 897 I have a dc voltage of 3.93V on both rf connectors at the rear of the radio, now even if i set menu 85 to off the voltage is still there...

On the 857 there is no voltage present until a tune button is pressed,
Any idea's
Thanks
Steve
2E0MVB

26886. Re: DUST COVER

Yahoo group: FT897 (2009)
Date: 2009-07-16 21:16:56 UTC
From: Bill
Topic: 26883 Message: 26886

--- In FT897@yahoogroups.com, Bill Barbee <bbarbee@...> wrote:
>
> Whoever was looking for a dust cover for their radio, check out
> http://radiodustcovers.com
> Somebody sent me this web site. I have never bought a cover
> from this person but they look good.
> Bill W5LV
>
Thanks Bill, for the information and link.

73's: k3waw

[Non-text portions of this message have been removed]

26887. Another interesting 897D behaviour:

Yahoo group: FT897 (2009)
Date: 2009-07-16 21:24:42 UTC
From: john_kb0ne
Topic: 26887 Message: 26887

Hi Group,
It would appear that my 897D doesn't like to run CW at 100watts...

Last night I had the 897D plugged into the 50 ohm dummy load and was going to test out my CW electronic keyer with a freshly rebuilt Vibroplex key. First up, everything in the shack is very well grounded and there is no RF leakage or SWR problems with the dummy load. The keyer uses shielded cable and I have NEVER have had a problem with my power supply with either the FT-897 or the FT950 or Drake TR7 while running full power SSB mode.

I turned toe 897D on, set the mode to CW and touched the keyer paddle. Immediately the 25 amp linear power supply went into current limit and shut down. Very interesting.

I reset the power supply and tried the 897D TX with SSB at full power (Long whistle int toe mic to get max power out) and no problem. Tried the CW at 50 watts and no problem but not wanting to tempt fate and blow the finals I didn't try CW again at 100 watts.

Has any one else had this experience?

John KB0NE

26888. Re: [FT897] Another interesting 897D behaviour:

Yahoo group: FT897 (2009)
Date: 2009-07-16 21:42:34 UTC
From: Ron Bondy
Topic: 26887 Message: 26888

Hi John,

I've done psk31 with 100watts on my 897 when I was first learning the 897 and psk. Oops, you're not supposed to do that with 100% duty cycle digital modes.

The rig seemed fine, and I even got signal reports with no splatter. But I could definitely feel rf in the shack even though the rig is grounded.

I even worked a station in France using an attic dipole on 40m. But now I run around 15w on psk31.

Cheers,

Ron, KD0HNE

[Non-text portions of this message have been removed]

26889. Re: [FT897] Another interesting 897D behaviour:

Yahoo group: FT897 (2009)
Date: 2009-07-16 22:59:23 UTC
From: Thomas Wilson
Topic: 26887 Message: 26889

I've heard others say that anything over 25 watts is just heating the shack... even 15 watts will get you anywhere that your signal can propagate to.

I'm not completely sure about that, but after getting hammered by a guy in LA with just a few watts in to a dipole, I'm starting to believe it.

On Thu, Jul 16, 2009 at 2:42 PM, Ron Bondy <aa0fk@...> wrote:

>
>
> Hi John,
>
> I've done psk31 with 100watts on my 897 when I was first learning the 897
> and psk. Oops, you're not supposed to do that with 100% duty cycle digital
> modes.
>
> The rig seemed fine, and I even got signal reports with no splatter. But I
> could definitely feel rf in the shack even though the rig is grounded.
>
> I even worked a station in France using an attic dipole on 40m. But now I
> run around 15w on psk31.
>
> Cheers,
>
> Ron, KD0HNE
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26890. Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 01:37:43 UTC
From: Sam Saladino
Topic: 26890 Message: 26890

Looking for any suggestions, or information if anyone has had the same problem. Turned rig on tonight, powered up fine, received fine. Went to transmit to start the county ARES NET and rig did not switch from receive to transmit. Tried to change to another band, band change button does not work, mode button does not work, clarifier button does not work. Buttons across top V/M, Home and DSP all work fine. Buttons on left side of face and all dials work fine. Did complete reset no change. Called Yaesu, they were closed for the day so will have to wait until tomorrow. Rig just over 6 months old. Anything else I can try or dead in water until tomorrow?

Sam NW9T

26891. RE: [FT897] Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 06:56:48 UTC
From: Jim Henry
Topic: 26890 Message: 26891

If you have morse key plugged in, remove it and try again. Turn rig off first.

73 de Jim, GI0DVU

Lisburn, County Antrim

http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sam Saladino
Sent: 17 July 2009 02:38
To: FT897@yahoogroups.com
Subject: [FT897] Rig Problem

Looking for any suggestions, or information if anyone has had the same problem. Turned rig on tonight, powered up fine, received fine. Went to transmit to start the county ARES NET and rig did not switch from receive to transmit. Tried to change to another band, band change button does not work, mode button does not work, clarifier button does not work. Buttons across top V/M, Home and DSP all work fine. Buttons on left side of face and all dials work fine. Did complete reset no change. Called Yaesu, they were closed for the day so will have to wait until tomorrow. Rig just over 6 months old. Anything else I can try or dead in water until tomorrow?

Sam NW9T

[Non-text portions of this message have been removed]

26892. HELP

Yahoo group: FT897 (2009)
Date: 2009-07-17 11:51:15 UTC
From: joe petrusinski
Topic: 24374 Message: 26892

Hi,Looking for very old instrument instruction manual or service book

Electro Metrics CIG-25 Calibrated Impulse Generator Operating Instructions or service manual in pdf or any format

Thanks,
JOE,VK2JP

'73

Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

26893. Re: Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 12:07:14 UTC
From: ve3wmb
Topic: 26890 Message: 26893

Also if you have a desk mic make sure that the lock button is not pressed.
It sounds like the issue I described last week where PTT (or key) is closed on
power up of the rig, and causes a strange lockup behaviour.

Michael VE3WMB

--- In FT897@yahoogroups.com, "Jim Henry" <jim.henry@...> wrote:
>
> If you have morse key plugged in, remove it and try again. Turn rig off
> first.
>
>
>
>
>
> 73 de Jim, GI0DVU
>
> Lisburn, County Antrim
>
> http://gi0dvu.co.uk
>
>
>
>
>
>
>
>
> From: FT897@...m [mailto:FT897@yahoogroups.com] On Behalf Of Sam
> Saladino
> Sent: 17 July 2009 02:38
> To: FT897@yahoogroups.com
> Subject: [FT897] Rig Problem
>
>
>
>
>
>
> Looking for any suggestions, or information if anyone has had the same
> problem. Turned rig on tonight, powered up fine, received fine. Went to
> transmit to start the county ARES NET and rig did not switch from receive to
> transmit. Tried to change to another band, band change button does not work,
> mode button does not work, clarifier button does not work. Buttons across
> top V/M, Home and DSP all work fine. Buttons on left side of face and all
> dials work fine. Did complete reset no change. Called Yaesu, they were
> closed for the day so will have to wait until tomorrow. Rig just over 6

> months old. Anything else I can try or dead in water until tomorrow?
>
> Sam NW9T
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26894. Re: Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 13:33:47 UTC
From: Sam Saladino
Topic: 26890 Message: 26894

--- In FT897@yahoogroups.com, "Jim Henry" <jim.henry@...> wrote:
>
> If you have morse key plugged in, remove it and try again. Turn rig off
> first.

> 73 de Jim, GI0DVU

That did it! Now why would that do it?

Thanks Jim.

Sam NW9T

26895. Re: Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 13:48:14 UTC
From: Sam Saladino
Topic: 26890 Message: 26895

--- In FT897@yahoogroups.com, "ve3wmb" <mbabineau@...> wrote:
>
> Also if you have a desk mic make sure that the lock button is not pressed.
> It sounds like the issue I described last week where PTT (or key) is closed on
> power up of the rig, and causes a strange lockup behaviour.
>
> Michael VE3WMB

It appears that Jim's suggestion worked. I'm currently using the Hand Mic that came with the rig, but I WILL keep your comment in mind if/when I do gey a desk mic. Thanks for jumping in helping out.

Sam NW9T

26896. Re: FT897d and ATAS 120a prob

Yahoo group: FT897 (2009)
Date: 2009-07-17 14:58:50 UTC
From: George
Topic: 26885 Message: 26896

Have you also changed menu item 20 to TUN (Cat/Lin/Tun)

George
kc0woa

--- In FT897@yahoogroups.com, "Steve" <m3mvb@...> wrote:
>
> Hi all, I have a ft857d with a atas 120a mobile and all is fine,
> But when i tried the atas on my 897d I have a problem,
> The 897 does not power the atas motor, all menu's are set correctly i.e menu 85 set to ATAS ALL have tried the other settings too, when if MFk the tune up and down buttons have no effect at all,
> ATAS does not appear or the screen either,
> having the Duplexer inline makes no difference,
> Have also tried the manual tune i.e PTT keyed and pressing the up or down buttons in MFk
> Some points i've noted,
>
> with the 897 I have a dc voltage of 3.93V on both rf connectors at the rear of the radio, now even if i set menu 85 to off the voltage is still there...
>
> On the 857 there is no voltage present until a tune button is pressed,
> Any idea's
> Thanks
> Steve
> 2E0MVB
>

26897. Re: Rig Problem

Yahoo group: FT897 (2009)
Date: 2009-07-17 17:33:48 UTC
From: Rob - W1AEX
Topic: 26890 Message: 26897

If the rig is inadvertently locked in transmit mode, from the cw key, the mic, or the back panel ACC jack, the rig will not fully initialize when it is powered up. It appears to be a failsafe mechanism to prevent someone from turning the rig on and transmitting accidentally. It's a good thing, but it can give you a scare the first time it happens to you!

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "Sam Saladino" <ortracr@...> wrote:

>
>
> That did it! Now why would that do it?
>
> Thanks Jim.
>
> Sam NW9T
>

26898. will 897d xmit on marine ssb channels?

Yahoo group: FT897 (2009)
Date: 2009-07-17 18:32:27 UTC
From: Brad Gibson
Topic: 26885 Message: 26898

Does anyone know whether marine ssb channels are locked out on the 897D?
For example, 2065.0 kHz?

Thanks,

Brad Gibson in Seattle
W9LSR

[Non-text portions of this message have been removed]

26899. Re: [FT897] will 897d xmit on marine ssb channels?

Yahoo group: FT897 (2009)
Date: 2009-07-17 18:48:55 UTC
From: jer1538a@aol.com
Topic: 26885 Message: 26899

IT WILL X MIT FROM 1.8 TO 33MHZ CONTINUOUS....

****
A Good Credit
Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1221823307x1201398715/aol?redir=http://www.freecr
editrepor
t.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=JulystepsfooterNO62)

[Non-text portions of this message have been removed]

26900. Stolen FT897

Yahoo group: FT897 (2009)
Date: 2009-07-17 19:05:18 UTC
From: Tim McConnell M0THM
Topic: 26900 Message: 26900

Hi all,
Tuesday evening our store was broken into. Our Yaesu FT897 with LDG AT897 two binatone PMR 446 have been stolen. If you could all keep an eye open for this combination coming up for sale please. It is unlikely the thieves know what they have got so i expect it will turn up on Ebay. also stolen was a PC uses to link the radio with HRD the interface was a G4ZLP USB multiface. The PC itself is machine i built out of spare parts so is basically untraceable. I am sure i have serial numbers somewhere and will post them if i find the safe place i put them in.

Best 73's

Tim MØTHM Scout Leader 1st Ringmer (East Sussex) GØRSG

[Non-text portions of this message have been removed]

26901. RE: [FT897] will 897d xmit on marine ssb channels?

Yahoo group: FT897 (2009)
Date: 2009-07-17 19:25:44 UTC
From: Brad Gibson
Topic: 26885 Message: 26901

Excellent! Thanks!

Brad in Seattle, W9LSR

IT WILL X MIT FROM 1.8 TO 33MHZ CONTINUOUS....

****
A Good Credit
Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1221823307x1201398715/aol?redir
=http://www.freecreditrepor
<http://pr.atwola.com/promoclk/100126575x1221823307x1201398715/aol?redir
=http://www.freecreditrepor>
t.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=JulystepsfooterNO6
2)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26902. Re: [FT897] Re: FT-897D DUST COVERS

Yahoo group: FT897 (2009)
Date: 2009-07-15 11:53:46 UTC
From: doctor weasel
Topic: 26864 Message: 26902

try this link for dust covers jim--kd7kmy

http://www.pyiradiocovers.com/index.html

26903. Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-07-16 13:07:29 UTC
From: cergender
Topic: 26884 Message: 26903

Hello Tom

Without knowing all the backgrounds of your problem suggesting you skip HRD and use just DM780 only. It works perfectly as such. You do not need the whole set up of HRD which to my mind is far too cumbersome and fat.

For CAT I am using Virtual Legacy Radio. Very nice and simple software.
Unfortunately it works with Yaesu only.

Ben

26904. RE: [FT897] Re: FT-897D For Sale

Yahoo group: FT897 (2009)
Date: 2009-07-15 13:57:33 UTC
From: John
Topic: 26864 Message: 26904

Hank,

As I think back, you question was clear. My mind was on a different track < smile >. I simply used a small towel.

Thanks,

John

From: Hank [mailto:hank@...]
Sent: Wednesday, July 15, 2009 4:10 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: FT-897D For Sale

I wasn't looking to buy, but was just inquiring about the dust cover; sorry I wasn't more clear. I was wondering if you bought the dust cover, and if so, where? I have an 897D with the LDG-897 tuner attached. I would like to find a nice dust cover for mine, but haven't found one yet. I think a company could do well making custom dust covers for amateur rigs, especially nice ones with the radio logo's on them.

If anyone knows of someone making dust covers for ham rigs, please let me know. I posted this in the list instead of off-list because I thought others would be interested as well.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "John" <w1cdo@...> wrote:
>
> Thank you Hank. It has all been sold except the PS.
>
>
>
> John
>
>
>
> From: Hank [mailto:hank@...]
> Sent: Tuesday, July 14, 2009 3:13 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: FT-897D For Sale
>
>
>
>
>

>
>
>
> What kind of a dust cover? I have been thinking about getting one for my
> 897.
>
> 73 de Hank / KB4MTO
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> ,
> "w1cdo_mobile" <w1cdo@> wrote:
> >
> >
> > Please contact me off list if any of this is of interest to you.
> >
> > This radio has been under a dust cover. In same condition as when it
> > came out of the box. Many pictures available.
> >
> > Model # New Ask
> > Description
> >
> > FT-897D 820 620
> > Radio
> >
> > FP-30 188 135
> > Built in AC Supply
> >
> > YF-122C 143 95
> > Collins Mech Filter
> >
> > YF-122S 143 95
> > Collins Mech Filter
> >
> > 945
> >
> > The above unit is assembled as shown but could be split up
> >
> >
> >
> > The following is the complete Yaesu battery setup
> >
> > Model # new ask
> >
> > FNB-78 two 99/each 50/ea Internal battery
> > option
> >
> > CD-24 107 65 Charger
> > for batteries
> >
> > PA-26 76 50 AC

> > supply for charger
> >
> > Includes bottom cover plate 215
> >
> >
> >
> > Model # new ask Description
> >
> > FC-30 215 150 Matching
> > antenna tuner
> >
> > MH-31A8J 37 25 Microphone
> >
> > MH-59 74 45 DTMF
> > microphone
> >
> > Will split to the extent possible or sell all for $1,000.
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26905. CAT/Linear/Soundcard Interface.

Yahoo group: FT897 (2009)
Date: 2009-07-17 15:10:53 UTC
From: md3wsp
Topic: 26905 Message: 26905

Does anyone know/recommend where I can purchase an interfeace cable so that I can do the following at the same time:

1. Connect the FT-897D to the PC to use UcxLog.
2. Control a 3rd Party Linear (Need PTT Control from the Radio)
3. Have the ability to connect the radio to a SignaLink USB

I have looked around and there do seem to be a lot of cables but not sure what I need.

James

26906. Re: FT897d and ATAS 120a prob

Yahoo group: FT897 (2009)
Date: 2009-07-16 19:39:37 UTC
From: Rich
Topic: 26885 Message: 26906

Three things you need to do. 1) Have you specified how the FT-897 will use the antenna (HF or HF/UHF/VHF)? I forget the nomenclature used here 2) Have you turned it on? Once you have specified how the FT-897 will use the antenna there is menu item that you need to scroll to to turn it on. The correct menu item will have either TUNE or TUN just above A key. Press this key momentarily to turn it on. Then ATAS will appear in the upper right of the display.Tip here, if the word ATAS is in capital letters you are in the corrent portion of the band for amateur operation. If it is lowercase letters you are out of band for the antenna and it will not tune. 3) Onec ATAS is in the diplay then to tune the antenna to the frequency, press and hold the TUNE button for one or two seconds until tuning starts and then release it. ALSO make sure the mount or the base of the antenna has a good solid ground or it will not tune or motor up and down.

Hope this help, even a little.
73,
Rich
KB1KFD

--- In FT897@yahoogroups.com, "Steve" <m3mvb@...> wrote:
>
> Hi all, I have a ft857d with a atas 120a mobile and all is fine,
> But when i tried the atas on my 897d I have a problem,
> The 897 does not power the atas motor, all menu's are set correctly i.e menu 85 set to ATAS ALL have tried the other settings too, when if MFk the tune up and down buttons have no effect at all,
> ATAS does not appear or the screen either,
> having the Duplexer inline makes no difference,
> Have also tried the manual tune i.e PTT keyed and pressing the up or down buttons in MFk
> Some points i've noted,
>
> with the 897 I have a dc voltage of 3.93V on both rf connectors at the rear of the radio, now even if i set menu 85 to off the voltage is still there...
>
> On the 857 there is no voltage present until a tune button is pressed,
> Any idea's
> Thanks
> Steve
> 2E0MVB
>

26907. Lost Mic PTT TX

Yahoo group: FT897 (2009)
Date: 2009-07-17 13:23:03 UTC
From: geevml
Topic: 26907 Message: 26907

Hi,

Have lost mic TX function on 897d although it works fine using PC Control or by VOX. Is this a big repair problem because of SMD assembly or is it a "quick" job?
Mny TIA
Paul G1VML

26908. Re: Another interesting 897D behaviour:

Yahoo group: FT897 (2009)
Date: 2009-07-17 09:43:37 UTC
From: Rex Lester - G8UBJ
Topic: 26887 Message: 26908

I think you always have some rf in the shack.. If you go down the QRO route you suddenly start to discover just how much.
The secret is to radiate more of the RF you generate...

If you get your system working well at high power can guarantee it will work better on QRP...

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> I've heard others say that anything over 25 watts is just heating the
> shack... even 15 watts will get you anywhere that your signal can propagate
> to.
>
> I'm not completely sure about that, but after getting hammered by a guy in
> LA with just a few watts in to a dipole, I'm starting to believe it.
>
> On Thu, Jul 16, 2009 at 2:42 PM, Ron Bondy <aa0fk@...> wrote:
>
> > >
> > >
> > > Hi John,
> > >
> > > I've done psk31 with 100watts on my 897 when I was first learning the 897
> > > and psk. Oops, you're not supposed to do that with 100% duty cycle digital
> > > modes.
> > >
> > > The rig seemed fine, and I even got signal reports with no splatter. But I
> > > could definitely feel rf in the shack even though the rig is grounded.
> > >
> > > I even worked a station in France using an attic dipole on 40m. But now I
> > > run around 15w on psk31.
> > >
> > > Cheers,
> > >
> > > Ron, KD0HNE
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> >
> > --
> > Tom Wilson

> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>
> [Non-text portions of this message have been removed]
>

26909. car battery

Yahoo group: FT897 (2009)
Date: 2009-07-15 08:36:16 UTC
From: DES G6YEK
Topic: 26909 Message: 26909

Hi All
Can anyone tell me how long a car battery would last using 50 w of rf.
73 Des G6YEK

26910. Re: [FT897] Lost Mic PTT TX

Yahoo group: FT897 (2009)
Date: 2009-07-18 00:27:13 UTC
From: P Grant
Topic: 26907 Message: 26910

Hello Paul

I cannot think of a fix off hand,,, But,,,
I notice you mention TX works OK, through your PC.

I wonder what [digi] mode you were last using, is there a possibility, you have inadvertently locked out the PTT control, somewhere using the digi software.
Try reading through your software control paperwork, and see can you find anything in that line. Read especially anything on "digital voice"
Best of luck with your problem.

Peter EI4HX
----- Original Message -----
From: geevml
To: FT897@yahoogroups.com
Sent: Friday, July 17, 2009 1:23 PM
Subject: [FT897] Lost Mic PTT TX

Hi,

Have lost mic TX function on 897d although it works fine using PC Control or by VOX. Is this a big repair problem because of SMD assembly or is it a "quick" job?
Mny TIA
Paul G1VML

[Non-text portions of this message have been removed]

26911. Re: [FT897] car battery

Yahoo group: FT897 (2009)
Date: 2009-07-17 23:37:28 UTC
From: Gary Altig
Topic: 26909 Message: 26911

DE N7UVL,
Depends on the size of battery; transmit use of
the rig; and utilization of a voltage regulator.
I wouldn't count on trying to start a car from it
after a few hours of use though./ga

----- Original Message -----
From: DES G6YEK<mailto:desheardmbe@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, July 15, 2009 1:36 AM
Subject: [FT897] car battery

Hi All
Can anyone tell me how long a car battery would last using 50 w of rf.
73 Des G6YEK

[Non-text portions of this message have been removed]

26912. Re: [FT897] Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-07-18 00:19:33 UTC
From: Tom Wilson
Topic: 26884 Message: 26912

Yes, dm480 works fine standalone. But I have to activate dig VOX to use it, and if I forget to turn it off, it messes with my headset. (Using preamp on dta port for headset mic). Plus I just wanted to see if it would work. :-)

Sent from my iPhone

On Jul 16, 2009, at 6:07 AM, "cergender" <cergender@...> wrote:

>
> Hello Tom
>
> Without knowing all the backgrounds of your problem suggesting you
> skip HRD and use just DM780 only. It works perfectly as such. You do
> not need the whole set up of HRD which to my mind is far too
> cumbersome and fat.
>
> For CAT I am using Virtual Legacy Radio. Very nice and simple
> software.
> Unfortunately it works with Yaesu only.
>
> Ben
>
>

[Non-text portions of this message have been removed]

26913. Re: [FT897] car battery

Yahoo group: FT897 (2009)
Date: 2009-07-18 00:22:07 UTC
From: Tom Wilson
Topic: 26909 Message: 26913

That depends on your battery, duty cycle, and operating mode.

Need more info.

Sent from my iPhone

On Jul 15, 2009, at 1:36 AM, "DES G6YEK" <desheardmbe@...>
wrote:

> Hi All
> Can anyone tell me how long a car battery would last using 50 w of rf.
> 73 Des G6YEK
>
>

[Non-text portions of this message have been removed]

26914. Re: [FT897] car battery

Yahoo group: FT897 (2009)
Date: 2009-07-18 00:31:56 UTC
From: Tom Wilson
Topic: 26909 Message: 26914

We've actually talked a lot about battery ops recently. Of you search the archive, you will find a recent thread that went pretty in-depth about it.

However, I do NOT recommend using a starter battery. The battery for your car is not made for this kind of use. Look for deep cycle sealed: gel cell, agm, or just a boat/rv battery. 50Amp hours could get you 2 hours or 20 hours.

Just a wild guess: If the Radio uses 1 amp receiving and 10 amps talking at 50 watts. So using that baseline, the radio uses 1Ah talking for 6 minutes. If you talk 50% of the time, that's 5Ah of talk a 1 Ah of listen per hour. Or 6 amp hours per hour. That gives an operating time of 9 hours on a 50 amp-hour battery.

I have seen RV batteries ranging from 50 to 200Ah. So you can do the math :-)
Sent from my iPhone

On Jul 17, 2009, at 4:37 PM, "Gary Altig" <garylaltig@...> wrote:

> DE N7UVL,
> Depends on the size of battery; transmit use of
> the rig; and utilization of a voltage regulator.
> I wouldn't count on trying to start a car from it
> after a few hours of use though./ga
>
> ----- Original Message -----
> From: DES G6YEK<mailto:desheardmbe@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Wednesday, July 15, 2009 1:36 AM
> Subject: [FT897] car battery
>
> Hi All
> Can anyone tell me how long a car battery would last using 50 w of rf.
> 73 Des G6YEK
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

26915. RE: [FT897] will 897d xmit on marine ssb channels?

Yahoo group: FT897 (2009)
Date: 2009-07-18 08:22:52 UTC
From: John Johnson
Topic: 26885 Message: 26915

Not out of the box it won't, the powers that be in most countries won't allow it. It needs a hardware mod. Search this group, look at the files and check out www.mods.dk. You'll also need to think about how to tune your antenna as I don't know if the FC-30 or AT-897 will tune marine HF bands. Doubtless someone will be along in a moment to pontificate on the legality of it too. There's a lot to be said for buying a purpose made marine HF transceiver, not least that they're built for the conditions and will be easier to operate (not to mention ALE etc.) and mostly cheaper than the FT-897D. I'm guessing you know that but want a radio that will do amateur and marine in one box.

Whatever you do, make sure it's working to your requirements BEFORE you're out of VHF range from the shore. :-)

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Brad Gibson
Sent: 17 July 2009 21:26
To: FT897@yahoogroups.com
Subject: RE: [FT897] will 897d xmit on marine ssb channels?

Excellent! Thanks!

Brad in Seattle, W9LSR

IT WILL X MIT FROM 1.8 TO 33MHZ CONTINUOUS....

****
A Good Credit
Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1221823307x1201398715/aol?redir
=http://www.freecreditrepor
<http://pr.atwola.com/promoclk/100126575x1221823307x1201398715/aol?redir
=http://www.freecreditrepor>
t.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=JulystepsfooterNO6
2)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26916. Re: [FT897] CAT/Linear/Soundcard Interface.

Yahoo group: FT897 (2009)
Date: 2009-07-18 17:47:57 UTC
From: Jim Webster
Topic: 26905 Message: 26916

You might try calling Tigertronics. They sell the signalink USB with cables.
Jim KI6PYZ

From: md3wsp <jamessawle@...>
To: FT897@yahoogroups.com
Sent: Friday, July 17, 2009 8:10:53 AM
Subject: [FT897] CAT/Linear/Soundcard Interface.

Does anyone know/recommend where I can purchase an interfeace cable so that I can do the following at the same time:

1. Connect the FT-897D to the PC to use UcxLog.
2. Control a 3rd Party Linear (Need PTT Control from the Radio)
3. Have the ability to connect the radio to a SignaLink USB

I have looked around and there do seem to be a lot of cables but not sure what I need.

James

[Non-text portions of this message have been removed]

26917. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-18 21:22:00 UTC
From: oldmayorkd5lbe
Topic: 26909 Message: 26917

It would depend on the battery that you had in the car and its starting amps. I do know that mine lasted over an hour and a half because that is how long I was on my IC706 this afternoon at 100 watts sitting under a nice shade tree in my car with the breeze blowing on the top of a nice hill at 78 degrees a very low humidity. And it doesn't get any better than that. Hope that it helps you and did wonders for me.

--- In FT897@yahoogroups.com, "DES G6YEK" <desheardmbe@...> wrote:
>
> Hi All
> Can anyone tell me how long a car battery would last using 50 w of rf.
> 73 Des G6YEK
>

26918. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-18 20:43:23 UTC
From: kav
Topic: 26909 Message: 26918

Hello

It depends on the battery, op mode and duty cycle.

The average UK car battery (as found cheap in the wide wheel and spark plug shops)is about 55Ahr. I used to get maybe 8 or ten hours running average 100w HF ssb doing a lot of tuning around, usually unsquelched and with a RX/TX ratio of maybe 20:1.

If anyone can tell you the spec of an '83 Camaro battery (coz I forgot), that one would give me about the same hours but for maybe two days instead of just one and by this time I was also feeding an auto tuner which took about another amp or more with every squeeze. So if you don't have one of those you may get longer.

Then I switched to a 110Ahr leisure battery (£35 then, £69.50 now). At 20:1 R/TX that would give me 12hrs plus for 3 days solid, sometimes up to five which I guess depended on the duty cycle. Then I stuck 4.8w of solar panel onto it which wouldn't go anywhere near to charging it but did slow down the discharge and gave me almost 8 days.

All of the above were mains charged, off the vehicle, (the biggy taking three days + with a naff charger) and then deep cycled.

That was then. I have just aquired some 75Ahr Optima Yellow Tops at, (if they work!), a rediculously good price. The AGM construction used means I am a little more confident about split charging it so may never run out of juice again. The first to be tested is on charge as we speak and the charger cost a tad more than one of the batteries. If I find they live up to the rediculous claims I will surely let you know.

I spoke to a chap at Optima UK who said they tested a Yellow 75 against a flooded 120Ahr deep cycle (at C20 rate?) and the Optima won by about 10% which equates to about an extra hour over ya small car battery and maybe and extra 3 to 4 hrs on the biggies. Personaly I'll believe that when I see it. Having said that, they are the same physical size so I think the 75Ahr rating on Optimas is just a bit of "badge engineering".

Anyway, you'll notice there is no science, or formula in the above just figures "as found". The other point I forgot to mention is that you can reduce all of the above by at least 10% until you figure out how to switch off the display backlight on your radio which really does make quite a diference. On the other hand you could double them for your situation as you're only running half the power.

Unfortunately choosing a suitable battery is not an easy task as it has to "fit" in so many ways. The optimas are great unless you're short of money. The big deep cycles are great unless you have a bad back. An ordinary car battery is great unless you wan't at least three days off the grid.

I hope you find what you're looking for.

Regards

26919. Re: [FT897] DUST COVER

Yahoo group: FT897 (2009)
Date: 2009-07-19 04:07:51 UTC
From: Keith
Topic: 26883 Message: 26919

```
* Bill Barbee <bbarbee@...> wrote:

> Whoever was looking for a dust cover for their radio, check out
> http://radiodustcovers.com
> Somebody sent me this web site. I have never bought a cover
> from this person but they look good.
> Bill W5LV
>
>

Those are some very nice dust covers and a reasonable price for
a specialty item like that.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/
```

26920. RE: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-19 10:26:55 UTC
From: Ted Wrobel
Topic: 26909 Message: 26920

Hi Folks,

Not beat the proverbial dead horse, but....

The ordinary 'car battery' is designed to provide very high current for very short times AND to never be deeply discharged. It will survive dozens of discharge cycles while deep cycle batteries will generally not provide the same high current / short time but will survive hundreds of discharge cycles.

If you anticipate using the battery frequently to operate a radio the car battery type is likely to fail rather quickly and will prove to be the most expensive solution over time as replacement intervals will be short.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kav
Sent: Saturday, July 18, 2009 16:43
To: FT897@yahoogroups.com
Subject: [FT897] Re: car battery

Hello

It depends on the battery, op mode and duty cycle.

..... .

Recent Activity

*

29
New
<http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmamNlc211BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNDc5NTY3OTQ-> Members

Visit
<http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlNGI2bmZiBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI0Nzk1Njc5NA--> Your Group
Give Back

Yahoo!
<http://us.lrd.yahoo.com/_ylc=X3oDMTJtajJjc2pqBF9TAzk3MzU5NzE0BF9wAzEEZ3JwSW
QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNicmFuZARzdGltZQMxMj
Q3OTU2Nzk0;_ylg=1/SIG=11314uv3k/**http%3A//brand.yahoo.com/forgood> for Good

Get inspired

by a good cause.

Y! Toolbar

Get
<http://us.lrd.yahoo.com/_ylc=X3oDMTJvZW8ya3Y0BF9TAzk3MzU5NzE0BF9wAzIEZ3JwSW
QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawN0b29sYmFyBHN0aW1lAz
EyNDc5NTY3OTQ-;_ylg=1/SIG=11c6dvmk9/**http%3A//toolbar.yahoo.com/%3F.cpdl=yg
rps> it Free!

easy 1-click access

to your groups.

Yahoo! Groups

Start
<http://groups.yahoo.com/start;_ylc=X3oDMTJvM2twb2RhBF9TAzk3MzU5NzE0BF9wAzME
Z3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNncm91cHMyBHN0
aW1lAzEyNDc5NTY3OTQ-> a group

in 3 easy steps.

Connect with others.

.

<http://geo.yahoo.com/serv?s=97359714/grpId=6647750/grpspId=1705063108/msgId
=26918/stime=1247956794/nc1=1/nc2=2/nc3=3>

[Non-text portions of this message have been removed]

26921. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-19 12:53:04 UTC
From: Harold Burton
Topic: 26909 Message: 26921

Would have thought that, but my personal experience proved otherwise. First battery replacement
I ever bought for a Travel Trailer was a deep cycle Die Hard battery. Had to replace it the next
year. I replaced it with the cheapest car battery I could find and got 5 years out of it. Thirty years of Trailering later I've continued to use the same type of replacement batteries in my trailers and never got any less service from them. With my newest trailer I had to replace the original deep cycle battery after two years and the auto battery I replaced it with lasted 7 years. Now I've never done any wilderness camping and can see where those who do might benefit from the different battery. My battery simply furnished "in transit" power and backed up the trailer electric brakes if the trailer broke loose from the tow vehicle. (Never had that happen BTW).

Harold
KD5SAK

--- Original Message -----
From: "Ted Wrobel" <twrobel@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, July 19, 2009 5:26 AM
Subject: RE: [FT897] Re: car battery

> Hi Folks,
>
> Not beat the proverbial dead horse, but....
>
> The ordinary 'car battery' is designed to provide very high current for
> very
> short times AND to never be deeply discharged. It will survive dozens of
> discharge cycles while deep cycle batteries will generally not provide the
> same high current / short time but will survive hundreds of discharge
> cycles.
>
> If you anticipate using the battery frequently to operate a radio the car
> battery type is likely to fail rather quickly and will prove to be the
> most
> expensive solution over time as replacement intervals will be short.
>
> 73
> Ted
> W1GRI
>
>
>
> _____

>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> kav
> Sent: Saturday, July 18, 2009 16:43
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: car battery
>
>
>
>
> Hello
>
> It depends on the battery, op mode and duty cycle.
>
> ..... .
>
>
>
> Recent Activity
>
> *
>
> 29
> New
> <http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmamNlc211BF9TAzk3Mz
> U5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBH
> N0aW1lAzEyNDc5NTY3OTQ-> Members
>
> Visit
> <http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlNGI2bmZiBF9TAzk3MzU5NzE0BG
> dycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMT
> I0Nzk1Njc5NA--> Your Group
> Give Back
>
> Yahoo!
> <http://us.lrd.yahoo.com/_ylc=X3oDMTJtajJjc2pqBF9TAzk3MzU5NzE0BF9wAzEEZ3JwSW
> QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNicmFuZARzdGltZQMxMj
> Q3OTU2Nzk0;_ylg=1/SIG=11314uv3k/**http%3A//brand.yahoo.com/forgood> for
> Good
>
> Get inspired
>
> by a good cause.
>
> Y! Toolbar
>
> Get
> <http://us.lrd.yahoo.com/_ylc=X3oDMTJvZW8ya3Y0BF9TAzk3MzU5NzE0BF9wAzIEZ3JwSW
> QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawN0b29sYmFyBHN0aW1lAz
> EyNDc5NTY3OTQ-;_ylg=1/SIG=11c6dvmk9/**http%3A//toolbar.yahoo.com/%3F.cpdl=yg

> rps> it Free!
>
> easy 1-click access
>
> to your groups.
>
> Yahoo! Groups
>
> Start
> <http://groups.yahoo.com/start;_ylc=X3oDMTJvM2twb2RhBF9TAzk3MzU5NzE0BF9wAzME
> Z3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNncm91cHMyBHN0
> aW1lAzEyNDc5NTY3OTQ-> a group
>
> in 3 easy steps.
>
> Connect with others.
>
> .
>
> <http://geo.yahoo.com/serv?s=97359714/grpId=6647750/grpspId=1705063108/msgId
> =26918/stime=1247956794/nc1=1/nc2=2/nc3=3>
>
>
>
>
> [Non-text portions of this message have been removed]
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>
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>

26922. TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 15:21:28 UTC
From: Ben Ramler
Topic: 22707 Message: 26922

Good morning Group,

I have a question on TNC's. I am sitting on a MFJ-1278 Multi-Mode Data Controller with Multi-gray Level Modem. Whats missing is the power cable and and all other cables? Can cables be had for this thing? I would like to use this TNC in my go kit for this like packet, APRS on VHF, and GTOR, PACTOR, PSK-31 this like that. This TNC should be able to do it souldn't it? It has dual ports in the back of the TNC for radio 1 and radio 2. It also has a jack in back for Speaker radio 1/2. It has a TTL Jack in back (not sure what that means).

I do have the software for it.

73,

Ben K0BLR

[Non-text portions of this message have been removed]

26923. Re: [FT897] TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 15:45:52 UTC
From: Keith
Topic: 22707 Message: 26923

* Ben Ramler <ben_ramler2002@...> wrote:

> Good morning Group, > > ??? I have a question on TNC's. I am sitting on a MFJ-1278 Multi-Mode Data Controller with Multi-gray Level
> Modem. Whats missing is the power cable and and all other cables? Can cables be had for this thing? I would like to use this TNC in
> my go kit for this like packet, APRS on VHF, and GTOR, PACTOR, PSK-31 this like that. This TNC should be able to do it souldn't it?
> It has dual ports in the back of the TNC for radio 1 and radio 2. It also has a jack in back for Speaker radio 1/2. It has a TTL
> Jack in back (not sure what that means). > > I do have the software for it. > > 73, > > Ben K0BLR >

You should contact MFJ to see if they have a PDF file available
for you to download. If not ask around at a local ham club. I did
a search for the manual @ google & DXportal and had no luck. The 1278
does not support PSK as far as I know.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

[Non-text portions of this message have been removed]

26924. Re: [FT897] TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 15:53:32 UTC
From: Ben Ramler
Topic: 22707 Message: 26924

Morning Kieth,

I have the manuals for it. it says it can do rtty. Youd think you can do modes like winlink, psk, bpsk, other modes like that. Maybe I should let this thing in the corner and gather dust.

From: Keith <kilowattradio@...>
To: FT897@yahoogroups.com; Ben Ramler <ben_ramler2002@...>
Sent: Sunday, July 19, 2009 10:45:52 AM
Subject: Re: [FT897] TNC's

* Ben Ramler <ben_ramler2002@ yahoo.com> wrote:

> Good morning Group, > > ??? I have a question on TNC's. I am sitting on a MFJ-1278 Multi-Mode Data Controller with Multi-gray Level
> Modem. Whats missing is the power cable and and all other cables? Can cables be had for this thing? I would like to use this TNC in
> my go kit for this like packet, APRS on VHF, and GTOR, PACTOR, PSK-31 this like that. This TNC should be able to do it souldn't it?
> It has dual ports in the back of the TNC for radio 1 and radio 2. It also has a jack in back for Speaker radio 1/2. It has a TTL
> Jack in back (not sure what that means). > > I do have the software for it. > > 73, > > Ben K0BLR >

You should contact MFJ to see if they have a PDF file available
for you to download. If not ask around at a local ham club. I did
a search for the manual @ google & DXportal and had no luck. The 1278
does not support PSK as far as I know.

--
Best Regards, Keith
http://home. comcast.net/ ~kilowattradio/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26925. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-07-19 15:56:12 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 26925

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /TNC/MFJ-1278B_Manual_All_versions.pdf
Uploaded by : fourtrak2001 <wes.green@...>
Description : MFJ-1278b Manual

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/TNC/MFJ-1278B_Manual_All_versions.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

fourtrak2001 <wes.green@...>

26926. Re: TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 16:03:02 UTC
From: Wes
Topic: 22707 Message: 26926

Hi Ben,
I have just uploaded the manual for your TNC to the files section.
The TTL interface you mention is a form of serial interface for older type computers dating to the days before we had PC's.
As far as modes like PSK and such you probably be better trying out something like Ham Radio Deluxe (HRD). The modes you mention were not around when your TNC was designed and these days nearly all data modes can be achieved via a pc sound card plugged direct to your FT897.

Wes
G7CHO
--- In FT897@yahoogroups.com, Ben Ramler <ben_ramler2002@...> wrote:
>
> Good morning Group,
>
>   I have a question on TNC's. I am sitting on a MFJ-1278 Multi-Mode Data Controller with Multi-gray Level Modem. Whats missing is the power cable and and all other cables? Can cables be had for this thing? I would like to use this TNC in my go kit for this like packet, APRS on VHF, and GTOR, PACTOR, PSK-31 this like that. This TNC should be able to do it souldn't it? It has dual ports in the back of the TNC for radio 1 and radio 2. It also has a jack in back for Speaker radio 1/2. It has a TTL Jack in back (not sure what that means).
>
> I do have the software for it.
>
> 73,
>
> Ben K0BLR
>
> [Non-text portions of this message have been removed]
>

26927. Re: [FT897] Re: TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 16:22:47 UTC
From: N4CQR
Topic: 22707 Message: 26927

This was a workhorse of data controllers. Yes, you can get all connectors and make your own cables. And a USB to Serial interface will let you use it with your rig without any problems.

Also, if you are into RTTY, the best controller that mode is the PK-232MBX.
It will decode in some cases 100% of what no other TNC can even hear.

www.packet radio.com has a number of cables and wiring info too.

Soundcard RTTY is OK but a controller makes a world of difference. And there is still plenat of HF packet activity on 14.105LSB

Craig
Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Sun, 7/19/09, Wes <wes.green@...> wrote:

> From: Wes <wes.green@...>
> Subject: [FT897] Re: TNC's
> To: FT897@yahoogroups.com
> Date: Sunday, July 19, 2009, 12:03 PM
> Hi Ben,
> I have just uploaded the manual for your TNC to the files
> section.
> The TTL interface you mention is a form of serial interface
> for older type computers dating to the days before we had
> PC's.
> As far as modes like PSK and such you probably be better
> trying out something like Ham Radio Deluxe (HRD). The modes
> you mention were not around when your TNC was designed and
> these days nearly all data modes can be achieved via a pc
> sound card plugged direct to your FT897.
>
> Wes
> G7CHO
> --- In FT897@yahoogroups.com,
> Ben Ramler <ben_ramler2002@...> wrote:
> >
> > Good morning Group,
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> >   I have a question on TNC's. I am sitting on a
> MFJ-1278 Multi-Mode Data Controller with Multi-gray Level
> Modem. Whats missing is the power cable and and all other

> cables? Can cables be had for this thing? I would like to
> use this TNC in my go kit for this like packet, APRS on VHF,
> and GTOR, PACTOR, PSK-31 this like that. This TNC should be
> able to do it souldn't it? It has dual ports in the back of
> the TNC for radio 1 and radio 2. It also has a jack in back
> for Speaker radio 1/2. It has a TTL Jack in back (not sure
> what that means).

26928. Re: [FT897] Re: TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 16:23:53 UTC
From: Ben Ramler
Topic: 22707 Message: 26928

thank you Wes! However I was talking with one EC who said that I am better off getting a true TNC to do modes like Winlink, PSK-31, BPSK, Packet, APRS, other modes like that. So I think I will just shelf this TNC and keep my eye on the ball and get a Kam-XL.

73,

Ben KØBLR

From: Wes <wes.green@...>
To: FT897@yahoogroups.com
Sent: Sunday, July 19, 2009 11:03:02 AM
Subject: [FT897] Re: TNC's

Hi Ben,
I have just uploaded the manual for your TNC to the files section.
The TTL interface you mention is a form of serial interface for older type computers dating to the days before we had PC's.
As far as modes like PSK and such you probably be better trying out something like Ham Radio Deluxe (HRD). The modes you mention were not around when your TNC was designed and these days nearly all data modes can be achieved via a pc sound card plugged direct to your FT897.

Wes
G7CHO
--- In FT897@yahoogroups. com, Ben Ramler <ben_ramler2002@ ...> wrote:
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> Good morning Group,
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>
> I do have the software for it.
>
> 73,
>
> Ben K0BLR
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

26929. Re: [FT897] Re: TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-19 16:30:43 UTC
From: Ben Ramler
Topic: 22707 Message: 26929

would this work you think. It has dual ports which is good. Plus they're based out of MN even Better.

http://www.timewave.com/support/PK-232/PK232PSK.html

73,

Ben

From: N4CQR <n4cqr@yahoo.com>
To: FT897@yahoogroups.com
Sent: Sunday, July 19, 2009 11:22:47 AM
Subject: Re: [FT897] Re: TNC's

This was a workhorse of data controllers. Yes, you can get all connectors and make your own cables. And a USB to Serial interface will let you use it with your rig without any problems.

Also, if you are into RTTY, the best controller that mode is the PK-232MBX.
It will decode in some cases 100% of what no other TNC can even hear.

www.packet radio.com has a number of cables and wiring info too.

Soundcard RTTY is OK but a controller makes a world of difference. And there is still plenat of HF packet activity on 14.105LSB

Craig
Grundig Satellit 750 Group:
http://groups. yahoo.com/ group/Satellit- 750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups. yahoo.com/ group/VX8R/

--- On Sun, 7/19/09, Wes <wes.green@freegospo rt.net> wrote:

> From: Wes <wes.green@freegospo rt.net>
> Subject: [FT897] Re: TNC's
> To: FT897@yahoogroups. com
> Date: Sunday, July 19, 2009, 12:03 PM
> Hi Ben,
> I have just uploaded the manual for your TNC to the files
> section.
> The TTL interface you mention is a form of serial interface
> for older type computers dating to the days before we had
> PC's.
> As far as modes like PSK and such you probably be better
> trying out something like Ham Radio Deluxe (HRD). The modes

> you mention were not around when your TNC was designed and
> these days nearly all data modes can be achieved via a pc
> sound card plugged direct to your FT897.
>
> Wes
> G7CHO
> --- In FT897@yahoogroups. com,
> Ben Ramler <ben_ramler2002@ ...> wrote:
> >
> > Good morning Group,
> >
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> MFJ-1278 Multi-Mode Data Controller with Multi-gray Level
> Modem. Whats missing is the power cable and and all other
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> use this TNC in my go kit for this like packet, APRS on VHF,
> and GTOR, PACTOR, PSK-31 this like that. This TNC should be
> able to do it souldn't it? It has dual ports in the back of
> the TNC for radio 1 and radio 2. It also has a jack in back
> for Speaker radio 1/2. It has a TTL Jack in back (not sure
> what that means).

[Non-text portions of this message have been removed]

26930. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-19 17:39:29 UTC
From: Randy Charles Ford
Topic: 26909 Message: 26930

Harold,

I'm curious about a couple of things. The first is if your "in transit" usage was deep discharging the battery. If it wasn't draining the battery pretty low, it may not have significantly affected either battery, so the type of battery wouldn't have mattered much. The car batteries lasting five to seven years seems to be about their shelf life without significant use, if they are kept charged.

The second is if the trailer battery is in some way protected from supplying the towing vehicle with current during cranking. If there isn't some way of preventing this, including through the break system, then the higher draw while cranking the towing vehicle may have shortened the life of the deep cycle battery.

73,
kg4jix randy.

On Sunday 19 July 2009 07:53:04 Harold Burton wrote:
> Would have thought that, but my personal experience proved otherwise. First
> battery replacement
> I ever bought for a Travel Trailer was a deep cycle Die Hard battery. Had
> to replace it the next
> year. I replaced it with the cheapest car battery I could find and got 5
> years out of it. Thirty years of Trailering later I've continued to use the
> same type of replacement batteries in my trailers and never got any less
> service from them. With my newest trailer I had to replace the original
> deep cycle battery after two years and the auto battery I replaced it with
> lasted 7 years. Now I've never done any wilderness camping and can see
> where those who do might benefit from the different battery. My battery
> simply furnished "in transit" power and backed up the trailer electric
> brakes if the trailer broke loose from the tow vehicle. (Never had that
> happen BTW).
>
> Harold
> KD5SAK

26931. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-19 21:42:27 UTC
From: Harold Burton
Topic: 26909 Message: 26931

My trailer batteries never actually saw much use, in transit use was chiefly running the water pump or the 12v lights out on the road, usually during lunch stops. I never saw my trailer battery showing less than full charge during a tow. When overnighting I always used full hookup sites and the power converter in the trailer kept the battery generally fully charged. The tow truck battery furnished power to the trailer brakes thru a brake controller and he trailer battery would have acted on the brakes only if the trailer broke loose from the tow vehicle. There was a breakaway switch that, in the event of a trailer disconnect from the towing vehicle, would dump full trailer battery power into the braking circuit, hopefully stopping the runaway trailer quickly. When the trailer was parked at home I'd need to regularly check the battery and plug in the trailer so the converter would charge the battery if the power panel showed less than full charge. If I'd have been a wilderness camper the deep cycle batteries would probably have been a neccesity but the Missus liked her comfort so full hookup campsites were all we ever used.

Harold
KD5SAK

----- Original Message -----
From: "Randy Charles Ford" <kg4jix@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, July 19, 2009 12:39 PM
Subject: Re: [FT897] Re: car battery

> Harold,
>
> I'm curious about a couple of things. The first is if your "in transit"
> usage
> was deep discharging the battery. If it wasn't draining the battery
> pretty
> low, it may not have significantly affected either battery, so the type of
> battery wouldn't have mattered much. The car batteries lasting five to
> seven
> years seems to be about their shelf life without significant use, if they
> are
> kept charged.
>
> The second is if the trailer battery is in some way protected from
> supplying
> the towing vehicle with current during cranking. If there isn't some way
> of
> preventing this, including through the break system, then the higher draw
> while cranking the towing vehicle may have shortened the life of the deep
> cycle battery.

>
> 73,
> kg4jix randy.
>
>
> On Sunday 19 July 2009 07:53:04 Harold Burton wrote:
>> Would have thought that, but my personal experience proved otherwise.
>> First
>> battery replacement
>> I ever bought for a Travel Trailer was a deep cycle Die Hard battery. Had
>> to replace it the next
>> year. I replaced it with the cheapest car battery I could find and got 5
>> years out of it. Thirty years of Trailering later I've continued to use
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>> same type of replacement batteries in my trailers and never got any less
>> service from them. With my newest trailer I had to replace the original
>> deep cycle battery after two years and the auto battery I replaced it
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>> lasted 7 years. Now I've never done any wilderness camping and can see
>> where those who do might benefit from the different battery. My battery
>> simply furnished "in transit" power and backed up the trailer electric
>> brakes if the trailer broke loose from the tow vehicle. (Never had that
>> happen BTW).
>>
>> Harold
>> KD5SAK
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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26932. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-19 22:45:48 UTC
From: Thomas Wilson
Topic: 26909 Message: 26932

That's why they died quickly; they were being constantly charged and never discharged. When you overcharge a battery, the energy has to go somewhere... In the case of an RV battery (which should have flat plates), it ends up boiling the electrolyte out of the battery. A big part of maintaining a deep cycle battery is *cycling* it. In your situation, you really do need a starter battery.

After doing some reading on battery science, I'm finding out that the way most people treat batteries destroys them prematurely. Part of that is ignorance and part of that is lousy equipment; it's no surprise, really, since nobody really talks about how to do it right, and most RV power converters don't have real smart charging circuits. (I'd almost rather disconnect the charging circuit and put a separate charger on the battery leads... I've actually seen that on some older trailers.)

What you need to do before investing in any type of storage battery is read up on the battery type first and find out the proper maintenance procedures. Some batteries can be left to charge with a float charger; others need to be cycled once in a while. Some others need to be stored with a 40% charge... the list of variations is endless, and consumer manuals are often dead wrong.

AGM, Gel-Cells, lead-acid (car/rv batteries), NiMh, NiCd, and Li-Ion batteries all require different maintenance and charging techniques, and even different types of lead-acid batteries can require different practices.

On Sun, Jul 19, 2009 at 2:42 PM, Harold Burton <kd5sak@...> wrote:

>
>
> My trailer batteries never actually saw much use, in transit use was
> chiefly
> running the water pump or the 12v lights out on the road, usually during
> lunch stops. I never saw my trailer battery showing less than full charge
> during a tow. When overnighting I always used full hookup sites and the
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> runaway trailer quickly. When the trailer was parked at home I'd need to

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> been a neccesity but the Missus liked her comfort so full hookup campsites
> were all we ever used.
>
> Harold
> KD5SAK
>
>
> ----- Original Message -----
> From: "Randy Charles Ford" <kg4jix@... <kg4jix%40arrl.net>>
> To: <FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Sunday, July 19, 2009 12:39 PM
> Subject: Re: [FT897] Re: car battery
>
> > Harold,
> >
> > I'm curious about a couple of things. The first is if your "in transit"
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> > kg4jix randy.
> >
> >
> > On Sunday 19 July 2009 07:53:04 Harold Burton wrote:
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> >> First
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> >> I ever bought for a Travel Trailer was a deep cycle Die Hard battery.
> Had
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> >> year. I replaced it with the cheapest car battery I could find and got 5
> >> years out of it. Thirty years of Trailering later I've continued to use
> >> the
> >> same type of replacement batteries in my trailers and never got any less
> >> service from them. With my newest trailer I had to replace the original
> >> deep cycle battery after two years and the auto battery I replaced it
> >> with
> >> lasted 7 years. Now I've never done any wilderness camping and can see
> >> where those who do might benefit from the different battery. My battery
> >> simply furnished "in transit" power and backed up the trailer electric
> >> brakes if the trailer broke loose from the tow vehicle. (Never had that
> >> happen BTW).
> >>
> >> Harold
> >> KD5SAK
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26933. RE: [FT897] CAT/Linear/Soundcard Interface.

Yahoo group: FT897 (2009)
Date: 2009-07-20 01:26:02 UTC
From: Michael Walker (VA3MW)
Topic: 26905 Message: 26933

I am travelling, but if I remember correctly, there is a jumper in the radio to allow you to do that. I'm a little fuzzy on it, but you can get PTT. Look for J1027 on the main board. It is on the schematic of the radio as well.

Mike VA3MW

I searched and found this:

Re: AMPLIFIER with FT-897

Rod

I just got my 897 yesterday, and the first think I wanted to do was hook up the Acom amp to it. Having spent last night looking at the schematic (nice that they supplied them), I saw this jumper and wondered the same thing about J1027 (I also shared your thoughts as to way it was set up the way it was).

Just to save me a few less headaches, can you give me an idea on where on the board this was so I don't have to tear th entire radio apart?

73,

Mike VA3MW

--- In <http://groups.yahoo.com/group/FT897/post?postID=3QJ8WP7dxuX5GRXYn6i-aerLtpU0uh1kIFQf5VusRqDkFwhhTASzc6FCWEAxvpQ5ghblX9jewzEJK8Kk> FT897@yahoogroups.com, "Rod" <Vk2Day@p...> wrote:
>
> Ion (and others)
>
> By changing the link on J1027 you will send a ground out to control a
> linear (or whatever) on the ring of the jack instead of the
> default "Tx Request". It works fine, even with old cluncky linears.
> The ACC jack uses the same specs as the "Tx Gnd" of CAT/Linear/Tuner
> jack.
>
> I just have to wonder why using a external gng to Tx of the default
> for the ACC jack as a lot of people these days would be using the
> CAT/Linear/Tuner plug for either external rig control or ATAS

control
> etc. Just seems odd.
>
> Rod Vk2Day
>
>
> >
> >
> > Page 10 of the manual is saying something about using the T/R
> control line
> > from the ring of the ACC jack, but I tried and could not make it
> work. If
>
> > 73, Ion YO3JF
> >
> >

From: Jim Webster [mailto:jwbstr33@...]
Sent: Saturday, July 18, 2009 1:48 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] CAT/Linear/Soundcard Interface.

You might try calling Tigertronics. They sell the signalink USB with cables.

Jim KI6PYZ

From: md3wsp <jamessawle@... <mailto:jamessawle%40manx.net> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Friday, July 17, 2009 8:10:53 AM
Subject: [FT897] CAT/Linear/Soundcard Interface.

Does anyone know/recommend where I can purchase an interfeace cable so that
I can do the following at the same time:

1. Connect the FT-897D to the PC to use UcxLog.
2. Control a 3rd Party Linear (Need PTT Control from the Radio)
3. Have the ability to connect the radio to a SignaLink USB

I have looked around and there do seem to be a lot of cables but not sure
what I need.

James

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26934. RE: [FT897] Re: TNC's

Yahoo group: FT897 (2009)
Date: 2009-07-20 01:28:37 UTC
From: Michael Walker (VA3MW)
Topic: 22707 Message: 26934

To do any of the digital modes, all you need is 12v power (standard'ish' cannon connector).

Then Audio out from the radio to audio in to the TNC

Audio out from the radio to audio in to the radio (mic or data)

Ground

PTT

It won't do PSK. That you'll have to do with your computer (like HRD, etc.).

Just google that MFJ unit.

Mike

From: N4CQR [mailto:n4cqr@...]
Sent: Sunday, July 19, 2009 12:23 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: TNC's

This was a workhorse of data controllers. Yes, you can get all connectors and make your own cables. And a USB to Serial interface will let you use it with your rig without any problems.

Also, if you are into RTTY, the best controller that mode is the PK-232MBX. It will decode in some cases 100% of what no other TNC can even hear.

www.packet radio.com has a number of cables and wiring info too.

Soundcard RTTY is OK but a controller makes a world of difference. And there is still plenat of HF packet activity on 14.105LSB

Craig
Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Sun, 7/19/09, Wes <wes.green@...
<mailto:wes.green%40freegosport.net> > wrote:

> From: Wes <wes.green@... <mailto:wes.green%40freegosport.net>
>
> Subject: [FT897] Re: TNC's
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>

> Date: Sunday, July 19, 2009, 12:03 PM
> Hi Ben,
> I have just uploaded the manual for your TNC to the files
> section.
> The TTL interface you mention is a form of serial interface
> for older type computers dating to the days before we had
> PC's.
> As far as modes like PSK and such you probably be better
> trying out something like Ham Radio Deluxe (HRD). The modes
> you mention were not around when your TNC was designed and
> these days nearly all data modes can be achieved via a pc
> sound card plugged direct to your FT897.
>
> Wes
> G7CHO
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> ,
> Ben Ramler <ben_ramler2002@...> wrote:
> >
> > Good morning Group,
> >
> > I have a question on TNC's. I am sitting on a
> MFJ-1278 Multi-Mode Data Controller with Multi-gray Level
> Modem. Whats missing is the power cable and and all other
> cables? Can cables be had for this thing? I would like to
> use this TNC in my go kit for this like packet, APRS on VHF,
> and GTOR, PACTOR, PSK-31 this like that. This TNC should be
> able to do it souldn't it? It has dual ports in the back of
> the TNC for radio 1 and radio 2. It also has a jack in back
> for Speaker radio 1/2. It has a TTL Jack in back (not sure
> what that means).

[Non-text portions of this message have been removed]

26935. Re: [FT897] CAT/Linear/Soundcard Interface.

Yahoo group: FT897 (2009)
Date: 2009-07-20 03:26:43 UTC
From: Thomas Wilson
Topic: 26905 Message: 26935

PTT should be available on the CAT connector... someone recently talked
about building a breakout cable that pulled the PTT out in to its own line..
.I can't remember if that was here or on QRZ.com

On Sun, Jul 19, 2009 at 6:26 PM, Michael Walker (VA3MW) <
va3mw@...> wrote:

>
>
> I am travelling, but if I remember correctly, there is a jumper in the
> radio
> to allow you to do that. I'm a little fuzzy on it, but you can get PTT.
> Look for J1027 on the main board. It is on the schematic of the radio as
> well.
>
> Mike VA3MW
>
> I searched and found this:
>
> Re: AMPLIFIER with FT-897
>
> Rod
>
> I just got my 897 yesterday, and the first think I wanted to do was
> hook up the Acom amp to it. Having spent last night looking at the
> schematic (nice that they supplied them), I saw this jumper and
> wondered the same thing about J1027 (I also shared your thoughts as
> to way it was set up the way it was).
>
> Just to save me a few less headaches, can you give me an idea on
> where on the board this was so I don't have to tear th entire radio
> apart?
>
> 73,
>
> Mike VA3MW
>
> --- In
> <
> http://groups.yahoo.com/group/FT897/post?postID=3QJ8WP7dxuX5GRXYn6i-aerLtpU
> 0uh1kIFQf5VusRqDkFwhhTASzc6FCWEAxvpQ5ghblX9jewzEJK8Kk>
> FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Rod" <Vk2Day@p...>
> wrote:
> >
> > Ion (and others)

> >
> > By changing the link on J1027 you will send a ground out to
> control a
> > linear (or whatever) on the ring of the jack instead of the
> > default "Tx Request". It works fine, even with old cluncky
> linears.
> > The ACC jack uses the same specs as the "Tx Gnd" of
> CAT/Linear/Tuner
> > jack.
> >
> > I just have to wonder why using a external gng to Tx of the
> default
> > for the ACC jack as a lot of people these days would be using the
> > CAT/Linear/Tuner plug for either external rig control or ATAS
> control
> > etc. Just seems odd.
> >
> > Rod Vk2Day
> >
> >
> > >
> > >
> > > Page 10 of the manual is saying something about using the T/R
> > control line
> > > from the ring of the ACC jack, but I tried and could not make it
> > work. If
> >
> > > 73, Ion YO3JF
> > >
> > >
>
> From: Jim Webster [mailto:jwbstr33@... <jwbstr33%40verizon.net>]
> Sent: Saturday, July 18, 2009 1:48 PM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] CAT/Linear/Soundcard Interface.
>
> You might try calling Tigertronics. They sell the signalink USB with
> cables.
>
> Jim KI6PYZ
>
> _____
> From: md3wsp <jamessawle@... <jamessawle%40manx.net> <mailto:
> jamessawle%40manx.net <jamessawle%2540manx.net>> >
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>
> Sent: Friday, July 17, 2009 8:10:53 AM
> Subject: [FT897] CAT/Linear/Soundcard Interface.
>
> Does anyone know/recommend where I can purchase an interfeace cable so that

> I can do the following at the same time:
>
> 1. Connect the FT-897D to the PC to use UcxLog.
> 2. Control a 3rd Party Linear (Need PTT Control from the Radio)
> 3. Have the ability to connect the radio to a SignaLink USB
>
> I have looked around and there do seem to be a lot of cables but not sure
> what I need.
>
> James
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26936. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 04:27:13 UTC
From: jurgen vogel
Topic: 26909 Message: 26936

In regards to batteries for mobile use.

I use one of the portable car jump start packages for my FT897D, so far I used the battery for 3 years at least 35 hours each week. I noticed no recognizable degradation of the capacity. The radio is used mainly in the HF SSB mode, the time of operation between recharges is generally between 4 to 6 hours. This is at full 100 watt power output in SSB mode. The battery is a 650 Amp Start current battery with an internal 12 Amp/hour Gel Cell. As I said it works OK for the last 3 years in constant use. Now I can not understand that a normal type starter battery, which after all has usually 55 Amp/Hour rating can not at least have a 3 or 4 times higher life between re-charges. I do it this way to stop getting stranded with a discharged car battery.

Incidentally I had to use the Jump Start package yesterday as I forgot the parking lights. She still started the car OK after 3 years heavy use.

73's VK6AHI

Jurgen

Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

26937. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 04:37:02 UTC
From: jurgen vogel
Topic: 26909 Message: 26937

Some more info . Most modern cars use car computers which drain the standard car battery after a reasonable short unused time, like a week or 10 days. If it is correct that the batteries do not like too many charge/discharge cycles they would not at all last even one year in a modern car. So that reasoning can not be too correct.

73's VK6AHI
Jurgen

_____
Access Yahoo!7 Mail on your mobile. Anytime. Anywhere.
Show me how: http://au.mobile.yahoo.com/mail

[Non-text portions of this message have been removed]

26938. Re: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 05:45:26 UTC
From: Randy Charles Ford
Topic: 26909 Message: 26938

I believe there is a difference between discharge and deep discharge. If the computer deep discharged the battery, it would not start the car. It must stop discharging at a voltage much higher than what would be considered a completely discharged battery.

73,
kg4jix randy.

On Sunday 19 July 2009 23:37:02 jurgen vogel wrote:
> Some more info . Most modern cars use car computers which drain the
> standard car battery after a reasonable short unused time, like a week or
> 10 days. If it is correct that the batteries do not like too many
> charge/discharge cycles they would not at all last even one year in a
> modern car. So that reasoning can not be too correct.
>
> 73's VK6AHI
> Jurgen

26939. RE: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 07:03:48 UTC
From: Dr Mark Vaughan
Topic: 26909 Message: 26939

If you are going to run one of these radio's from a lead acid battery, you'll find as the battery discharges the radio will stop working long before the battery is in trouble, based on my work with 857's, which is virtually the same radio they'll stop at around 10.8 to 11.2V either by the radio falling over, or your contact telling you your signal has gone really bad, the 857's start to throw out nasty harmonics before they stop.

The trouble threshold for a lead acid battery of any type is around 9V, below this some batteries suffer, deep discharge ones suffer less. If you've dropped one below

This either special charging methods are needed, or use a normal battery charger and put 240R in series with the battery to limit the current which would otherwise be hi and damage the battery. In theory from 9V up you can push a lot of current into the battery for a while until a certain rate of change of current if reached with respect to the battery temperature. This is more critical with gel batteries, than liquid, and a function controlled within the battery charger chips you'll find in SLB 3 and 5 state chargers. Though the chip sits in the charger next to its transformer measuring the transformer temperature rather than the battery temperature. Once this tamper region is met, you float the remaining charge in with a 13.8V regulated output.

As you can see with the radio by the time the radio stops working you haven't dropped much charge from the radio, and a standard 13.8V supply is usually good enough to pull the battery back up again without much life issues.

These techniques work for all lead acid liquid or gel batteries. There are some other techniques for recovering damaged cells but success and battery types then get complex but you shouldn't find yourself needing these.

One thing to beware of, with the 857, if you leave it turned on and let it run a battery down, as the battery voltage drops you get to a point where you cannot turn the radio off, it looks from the display as though it's off but continues to try to pull a large amount of current totally flattening the battery. If you are going to leave one unattended, get one of those battery drain sensing relays that disconnect the battery when the voltage drops below 11V.

Regs Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Randy Charles Ford
Sent: 20 July 2009 06:45
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: car battery

I believe there is a difference between discharge and deep discharge. If the computer deep discharged the battery, it would not start the car. It must stop discharging at a voltage much higher than what would be considered a completely discharged battery.

73,
kg4jix randy.

On Sunday 19 July 2009 23:37:02 jurgen vogel wrote:
> Some more info . Most modern cars use car computers which drain the
> standard car battery after a reasonable short unused time, like a week or
> 10 days. If it is correct that the batteries do not like too many
> charge/discharge cycles they would not at all last even one year in a
> modern car. So that reasoning can not be too correct.
>
> 73's VK6AHI
> Jurgen

[Non-text portions of this message have been removed]

26940. RE: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 07:48:14 UTC
From: Eric van de Weyer
Topic: 26909 Message: 26940

Probably the main reason that you had that experience is that the car batteries have much more sturdy plates as they are designed to withstand the vibration in a moving vehicle.

The deep cycle batteries are normally designed to be used for off grid supply where they sit in the one place all the time and aren't moved about all the time and have much thinner plates which just get shaken to bits when they are in a vibration environment such as a vehicle.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Harold Burton
Sent: Sunday, 19 July 2009 22:53
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: car battery

Would have thought that, but my personal experience proved otherwise. First battery replacement
I ever bought for a Travel Trailer was a deep cycle Die Hard battery. Had to

replace it the next
year. I replaced it with the cheapest car battery I could find and got 5 years out of it. Thirty years of Trailering later I've continued to use the same type of replacement batteries in my trailers and never got any less service from them. With my newest trailer I had to replace the original deep

cycle battery after two years and the auto battery I replaced it with lasted

7 years. Now I've never done any wilderness camping and can see where those who do might benefit from the different battery. My battery simply furnished

"in transit" power and backed up the trailer electric brakes if the trailer broke loose from the tow vehicle. (Never had that happen BTW).

Harold
KD5SAK

--- Original Message -----
From: "Ted Wrobel" <twrobel@...>
To: <FT897@yahoogroups.com>
Sent: Sunday, July 19, 2009 5:26 AM
Subject: RE: [FT897] Re: car battery

> Hi Folks,
>
> Not beat the proverbial dead horse, but....

>
> The ordinary 'car battery' is designed to provide very high current for
> very
> short times AND to never be deeply discharged. It will survive dozens of
> discharge cycles while deep cycle batteries will generally not provide the
> same high current / short time but will survive hundreds of discharge
> cycles.
>
> If you anticipate using the battery frequently to operate a radio the car
> battery type is likely to fail rather quickly and will prove to be the
> most
> expensive solution over time as replacement intervals will be short.
>
> 73
> Ted
> W1GRI
>
>
>
> _____
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> kav
> Sent: Saturday, July 18, 2009 16:43
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: car battery
>
>
>
>
> Hello
>
> It depends on the battery, op mode and duty cycle.
>
> ..... .
>
>
>
> Recent Activity
>
> *
>
> 29
> New
>
<http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmamNlc211BF9TAzk3Mz
>
U5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBH
> N0aW1lAzEyNDc5NTY3OTQ-> Members
>

> Visit
>
<http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlNGI2bmZiBF9TAzk3MzU5NzE0BG
>
dycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMT
> I0Nzk1Njc5NA--> Your Group
> Give Back
>
> Yahoo!
>
<http://us.lrd.yahoo.com/_ylc=X3oDMTJtajJjc2pqBF9TAzk3MzU5NzE0BF9wAzEEZ3JwSW
>
QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNicmFuZARzdGltZQMxMj
> Q3OTU2Nzk0;_ylg=1/SIG=11314uv3k/**http%3A//brand.yahoo.com/forgood> for
> Good
>
> Get inspired
>
> by a good cause.
>
> Y! Toolbar
>
> Get
>
<http://us.lrd.yahoo.com/_ylc=X3oDMTJvZW8ya3Y0BF9TAzk3MzU5NzE0BF9wAzIEZ3JwSW
>
QDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawN0b29sYmFyBHN0aW1lAz
>
EyNDc5NTY3OTQ-;_ylg=1/SIG=11c6dvmk9/**http%3A//toolbar.yahoo.com/%3F.cpdl=yg
> rps> it Free!
>
> easy 1-click access
>
> to your groups.
>
> Yahoo! Groups
>
> Start
>
<http://groups.yahoo.com/start;_ylc=X3oDMTJvM2twb2RhBF9TAzk3MzU5NzE0BF9wAzME
>
Z3JwSWQDNjY0Nzc1MARncnBzcElkAzE3MDUwNjMxMDgEc2VjA25jbW9kBHNsawNncm91cHMyBHN0
> aW1lAzEyNDc5NTY3OTQ-> a group
>
> in 3 easy steps.
>
> Connect with others.
>
> .
>

>
<http://geo.yahoo.com/serv?s=97359714/grpId=6647750/grpspId=1705063108/msgId
> =26918/stime=1247956794/nc1=1/nc2=2/nc3=3>
>
>
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

Yahoo! Groups Links

26941. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 13:53:08 UTC
From: John Rabold
Topic: 26909 Message: 26941

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>> Probably the main reason that you had that experience is that the car batteries have much more sturdy plates as they are designed to withstand the vibration in a moving vehicle. The deep cycle batteries are normally designed to be used for off grid supply where they sit in the one place all the time and aren't moved about all the time and have much thinner plates which just get shaken to bits when they are in a vibration environment such as a vehicle. <<

In ARRL's book "Emergency Power," in the chapter "Holding your Volts: Battery Systems and Storage," author Michael Bryce WB8VGE writes just the opposite. He writes that an automobile battery has many thin plates in order to provide high starting current; the more current you want, the more plate surface area you need. Conversely, a deep-cycle battery has relatively few plates, and they are thicker and more rigid.

John KS6M

26942. LiFePO4 batteries

Yahoo group: FT897 (2009)
Date: 2009-07-18 01:25:35 UTC
From: Peter Grace
Topic: 26942 Message: 26942

Do any you have any experience fitting a LiFePO4 battery pack and controller into the FT-897 internal battery space ?

26943. Re: [FT897] car battery

Yahoo group: FT897 (2009)
Date: 2009-07-18 11:56:08 UTC
From: KG6QPH
Topic: 26909 Message: 26943

I found that my 897 worked much better at 13.8 volts than down near 12
volts.

On Fri, Jul 17, 2009 at 5:31 PM, Tom Wilson <wilsontp@...> wrote:

>
>
> We've actually talked a lot about battery ops recently. Of you search
> the archive, you will find a recent thread that went pretty in-depth
> about it.
>
> However, I do NOT recommend using a starter battery. The battery for
> your car is not made for this kind of use. Look for deep cycle sealed:
> gel cell, agm, or just a boat/rv battery. 50Amp hours could get you 2
> hours or 20 hours.
>
> Just a wild guess: If the Radio uses 1 amp receiving and 10 amps
> talking at 50 watts. So using that baseline, the radio uses 1Ah
> talking for 6 minutes. If you talk 50% of the time, that's 5Ah of talk
> a 1 Ah of listen per hour. Or 6 amp hours per hour. That gives an
> operating time of 9 hours on a 50 amp-hour battery.
>
> I have seen RV batteries ranging from 50 to 200Ah. So you can do the
> math :-)
> Sent from my iPhone
>
>
> On Jul 17, 2009, at 4:37 PM, "Gary Altig" <garylaltig@...<garylaltig%40msn.com>>
> wrote:
>
> > DE N7UVL,
> > Depends on the size of battery; transmit use of
> > the rig; and utilization of a voltage regulator.
> > I wouldn't count on trying to start a car from it
> > after a few hours of use though./ga
> >
> > ----- Original Message -----
> > From: DES G6YEK<mailto:desheardmbe@...<desheardmbe%40hotmail.co.uk>
> >
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> > Sent: Wednesday, July 15, 2009 1:36 AM
> > Subject: [FT897] car battery
> >
> > Hi All

> > Can anyone tell me how long a car battery would last using 50 w of rf.
> > 73 Des G6YEK
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
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26944. ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-19 18:57:52 UTC
From: tennesseephil
Topic: 26944 Message: 26944

I passed my technician and general exams yesterday, so I am shopping for equipment today. I've pretty well settled on the FT-897D, but I'm having difficulty deciding on an antenna.

For a number of reasons, it would be more convenient for me to install an antenna in the attic rather than outside. Two possibilities I am considering are: (1) an ATAS-120 with a sheet metal plate under it to provide a ground plane, or (2) an Alpha Delta DX EE antenna along with a LDG AT-897 tuner.

Do you think the ATAS-120 would work well in an attic? I have enough vertical clearance. If I do this, what size sheet metal ground plane do I need under it, and what would be the best choice of material? Should I use real sheet metal, or would chicken wire mesh work?

What is the total length of the Alpha Delta DX EE? Will it work for 2 meters and 440, or will I need a separate antenna for those bands?

26945. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 12:48:36 UTC
From: tennesseephil
Topic: 26909 Message: 26945

I use a "Battery Tender" (http://www.batterytender.com) with good success to maintain the charge on batteries being stored for long periods. It has a controller that prevents overcharge.

26946. RE: [FT897] Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-20 12:01:15 UTC
From: Bill Currier
Topic: 26909 Message: 26946

You have it backwards. Deep cycle batteries have MUCH thicker plates. The positive plates in some are as thick as a quarter inch where car batteries are only a few thousandths. In fact, car batteries typically don't even have solid plate - they are made of lead sponge. True deep cycle battery plates are solid.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Eric van de Weyer
Sent: Monday, July 20, 2009 3:48 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: car battery

Probably the main reason that you had that experience is that the car
batteries have much more sturdy plates as they are designed to withstand the
vibration in a moving vehicle.

The deep cycle batteries are normally designed to be used for off grid
supply where they sit in the one place all the time and aren't moved about
all the time and have much thinner plates which just get shaken to bits when
they are in a vibration environment such as a vehicle.

73....Eric VK2VE.

26947. Re: [FT897] Re: FT897d and ATAS 120a prob

Yahoo group: FT897 (2009)
Date: 2009-07-18 12:51:16 UTC
From: Sandra Cavallucci
Topic: 26885 Message: 26947

set i menu to swr

--- On Fri, 17/7/09, George <gmadline@...> wrote:

From: George <gmadline@...>
Subject: [FT897] Re: FT897d and ATAS 120a prob
To: FT897@yahoogroups.com
Date: Friday, 17 July, 2009, 2:58 PM

Have you also changed menu item 20 to TUN (Cat/Lin/Tun)

George
kc0woa

--- In FT897@yahoogroups. com, "Steve" <m3mvb@...> wrote:
>
> Hi all, I have a ft857d with a atas 120a mobile and all is fine,
> But when i tried the atas on my 897d I have a problem,
> The 897 does not power the atas motor, all menu's are set correctly i.e menu 85 set to ATAS ALL have tried the other settings too, when if MFk the tune up and down buttons have no effect at all,
> ATAS does not appear or the screen either,
> having the Duplexer inline makes no difference,
> Have also tried the manual tune i.e PTT keyed and pressing the up or down buttons in MFk
> Some points i've noted,
>
> with the 897 I have a dc voltage of 3.93V on both rf connectors at the rear of the radio, now even if i set menu 85 to off the voltage is still there...
>
> On the 857 there is no voltage present until a tune button is pressed,
> Any idea's
> Thanks
> Steve
> 2E0MVB
>

[Non-text portions of this message have been removed]

26948. Please disregard my SWR question

Yahoo group: FT897 (2009)
Date: 2009-07-20 23:40:58 UTC
From: Ed Metzler
Topic: 26948 Message: 26948

Please disregard my question about SWR meter. I should do more research.
Thanks.
Ed

26949. Interpreting SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-20 23:23:36 UTC
From: Ed Metzler
Topic: 26949 Message: 26949

Friends,
I know this must have been covered in other posts, but when I search for SWR meter I get page after page of posts.
I don't know how to use the SWR meter on the 897. Can anyone give me a brief tutorial? When I key the mike I get nothing. When I talk it jumps. How is it used and read?
Thank you very much.
Ed

26950. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 05:50:39 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 26944 Message: 26950

Phil,

Congrats on getting licensed! Welcome aboard.

Antennas are easy to build, and a homebuilt dipole is one of the best antennas. They are trivial to make yourself.

Having said that, if you want to purchase, the Alpha Delta antennas are high quality. They are "fan dipoles". You can also build them yourself if you like.

You will want a seperate 2m/440 antenna. These can be purchased or home-brewed. Arrow Antenna makes very good VHF antennas. http://arrowantennas.com/
See the OSJ 146/440 j-pole.

If your antennas are resonant on the frequencies of interest, you should not need a tuner. If you get a non-resonant antenna (like the G5RV), you will want the tuner. The DX-EE should be resonant on the bands it is designed for.

An antenna analyzer might be a better investment, depending on the types of antennas you use.

Rob
AF6CM

On Sun, 19 Jul 2009 18:57 +0000, "tennesseephil" <philsherrod@...> wrote:

I passed my technician and general exams yesterday, so I am shopping for equipment today. I've pretty well settled on the FT-897D, but I'm having difficulty deciding on an antenna. For a number of reasons, it would be more convenient for me to install an antenna in the attic rather than outside. Two possibilities I am considering are: (1) an ATAS-120 with a sheet metal plate under it to provide a ground plane, or (2) an Alpha Delta DX EE antenna along with a LDG AT-897 tuner.
Do you think the ATAS-120 would work well in an attic? I have enough vertical clearance. If I do this, what size sheet metal ground plane do I need under it, and what would be the best choice of material? Should I use real sheet metal, or would chicken wire mesh work?
What is the total length of the Alpha Delta DX EE? Will it work for 2 meters and 440, or will I need a separate antenna for those bands?

26951. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 05:55:42 UTC
From: Thomas Wilson
Topic: 26944 Message: 26951

For UHF/VHF, you really don't want an attic antenna if you can help it.

I use a simple Radio Shack ground plane antenna for 2 meters. You can also use it on 440, but the radiation pattern sends the signal pretty high; some people have better results than others. The radiator is only about 20" long, so it's not hideously ugly outside the house. If you are really trying to hide an antenna from the HOA or whatever, you could either stick it in a tree or even make a small wire antenna and place it in a window... with UHF and VHF, the primary consideration is a clear view toward the repeaters you'll be working.

Since you're a technician, you'll probably most actively work 10 meters. You can only work CW (not any of the other data modes) in the data segments of 10, 15, 40, and 80 meters. Realistically, unless you're really trying to learn morse code, you'll probably want to set up an antenna to work 10... again, inside the house, you won't get the kind of signal you'll get outside... but the same rule applies to any length antenna...

The Alpha Delta will probably work fine in the bands its tuned for, but no matter what, putting it inside the house is going to hammer your signal. If there's any way at all you can get it outside, you'll get better performance than the attic... even attaching it under the eaves in the back yard is better than mounting it indoors.

On Sun, Jul 19, 2009 at 11:57 AM, tennesseephil <philsherrod@...>wrote:

>
>
> I passed my technician and general exams yesterday, so I am shopping for
> equipment today. I've pretty well settled on the FT-897D, but I'm having
> difficulty deciding on an antenna.
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> For a number of reasons, it would be more convenient for me to install an
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>
>

>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26952. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 05:58:29 UTC
From: Thomas Wilson
Topic: 26944 Message: 26952

Yes, an analyzer is pretty much an essential element in the shack... I wouldn't even try to cut a dipole without an analyzer, dip meter, or even a noise bridge (I did use a noise bridge to build an antenna; it's a lot more work than an analyzer, but it was only about $20...)

On Mon, Jul 20, 2009 at 10:50 PM, <af6cm_yahoo@...> wrote:

>
>
> Phil,
>
> Congrats on getting licensed! Welcome aboard.
>
> Antennas are easy to build, and a homebuilt dipole is one of the
> best antennas. They are trivial to make yourself.
>
> Having said that, if you want to purchase, the Alpha Delta
> antennas are high quality. They are "fan dipoles". You
> can also build them yourself if you like.
>
> You will want a seperate 2m/440 antenna. These can be
> purchased or home-brewed. Arrow Antenna makes very
> good VHF antennas. http://arrowantennas.com/
> See the OSJ 146/440 j-pole.
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> If your antennas are resonant on the frequencies of interest,
> you should not need a tuner. If you get a non-resonant antenna
> (like the G5RV), you will want the tuner. The DX-EE should be
> resonant on the bands it is designed for.
>
> An antenna analyzer might be a better investment, depending on
> the types of antennas you use.
>
> Rob
> AF6CM
>
>
> On Sun, 19 Jul 2009 18:57 +0000, "tennesseephil"
> <philsherrod@... <philsherrod%40comcast.net>> wrote:
>
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> for 2 meters and 440, or will I need a separate antenna for those
> bands?
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>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26953. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 11:18:06 UTC
From: k6fcw@aol.com
Topic: 26944 Message: 26953

The good thing about installing an antenna(s) in the attic is that it is immune to lightning and the weather. Install it, tune it, and forget it.

The bad thing about installing an antenna in the attic is that when you transmit, you will be received throughout the house on the security system, cable tv, intercom, and telephones if your house is like mine with all these cables running from room to room via the attic!!

Good luck!

Frank K6FCW

====

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> equipment today. I've pretty well settled on the FT-897D, but I'm having
> difficulty deciding on an antenna.
>
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> sheet metal, or would chicken wire mesh work?
>
> What is the total length of the Alpha Delta DX EE? Will it work for 2
> meters and 440, or will I need a separate antenna for those bands?
>
>

****
What's for dinner tonight? Find quick and easy dinner ideas
> for any occasion.
> (http://food.aol.com/dinner-tonight?ncid=emlcntusfood00000009)

[Non-text portions of this message have been removed]

26954. RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 11:49:49 UTC
From: Matt Patterson
Topic: 26944 Message: 26954

HI,

I have a Ft-897D and love it. Nice little radio in a very small package. As far as antennas go and since you just got your technician, I'd homebrew some antennas (to keep costs down) for a few of the bands that you are licensed for. A inexpensive dipole for 10m would work okay. You could put it inside if you wanted but outside would be better. Here's a link to a super easy to build 10m dipole.
http://www.hamuniverse.com/10metertechniciandipole.html

Since you also mentioned 2m and 70cm I would build a cheap yagi for those bands. You can make them for FM or for SSB and they are really very easy to make. Especially the 70cm version as you don't have to do any splicing if you use 1/8" brass welding rod for the elements.
http://www.wa5vjb.com/references.html

Then when you decide to upgrade. You will upgrade won't you? J You can add more wires to the 10m dipole and convert it into a fan dipole which will allow you to get on some of the other bands you would be licensed for at that point.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of tennesseephil
Sent: Sunday, July 19, 2009 1:58 PM
To: FT897@yahoogroups.com
Subject: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

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[Non-text portions of this message have been removed]

26955. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 12:50:39 UTC
From: Jim C
Topic: 26944 Message: 26955

I used it in an upstairs bedroom, by attaching it to a bed frame. It worked, but not as well as the 80 meter dipole wire antenna, that I attached to my house gutters with those clips that hold up holiday decorations to the gutters and eves. I wrapped the 40 meters or wire around the house on three sides, and fed it 14 percent off center using a 4 to 1 balun. It works on 80, 40, 20m 15 and 10 meters. Cost me less than $50 to build and install and the wire is hard to see from the road, so the neighbors don't complain. From the Detroit area, I've worked the east coast, and the west coast, even Hawaii and south America too.

tennesseephil wrote:
>
>
> I passed my technician and general exams yesterday, so I am shopping
> for equipment today. I've pretty well settled on the FT-897D, but I'm
> having difficulty deciding on an antenna.
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> do I need under it, and what would be the best choice of material?
> Should I use real sheet metal, or would chicken wire mesh work?
>
> What is the total length of the Alpha Delta DX EE? Will it work for 2
> meters and 440, or will I need a separate antenna for those bands?
>
>

26956. Anyone have a Dinkey portable paddle?

Yahoo group: FT897 (2009)
Date: 2009-07-16 03:24:51 UTC
From: dug b
Topic: 26883 Message: 26956

Just wondering if anyone on the list had purchased a dinkey for use with their 897. It looks like it should work pretty well as a portable paddle and I was thinking of ordering one; just wanted to see if there were any users who had an opinion. If you haven't seen what I'm talking about it's a tiny cw paddle that plugs directly into the mike jack of the ft817 or ft897. Check http://www.geocities.com/micro-wave/dinkey.html for details.

73 de KC4RSL

[Non-text portions of this message have been removed]

26957. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 14:45:21 UTC
From: Danny Loyd
Topic: 26944 Message: 26957

Every missed the point that he passed his Tech and General license exam so he will be licensed as a General and will be able to operate more than just the 10, 2 and 70.

Danny
KE5WDI

From: Matt Patterson <mattpatt@...>
To: FT897@yahoogroups.com
Sent: Tuesday, July 21, 2009 6:49:49 AM
Subject: RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

HI,

I have a Ft-897D and love it. Nice little radio in a very small package. As far as antennas go and since you just got your technician, I'd homebrew some antennas (to keep costs down) for a few of the bands that you are licensed for. A inexpensive dipole for 10m would work okay. You could put it inside if you wanted but outside would be better. Here's a link to a super easy to build 10m dipole.
http://www.hamunive rse.com/10metert echniciandipole. html

Since you also mentioned 2m and 70cm I would build a cheap yagi for those bands. You can make them for FM or for SSB and they are really very easy to make. Especially the 70cm version as you don't have to do any splicing if you use 1/8" brass welding rod for the elements.
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Then when you decide to upgrade. You will upgrade won't you? J You can add more wires to the 10m dipole and convert it into a fan dipole which will allow you to get on some of the other bands you would be licensed for at that point.

73 Matt

W5LL

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of tennesseephil
Sent: Sunday, July 19, 2009 1:58 PM
To: FT897@yahoogroups. com
Subject: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

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26958. RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-21 22:38:53 UTC
From: Matt Patterson
Topic: 26944 Message: 26958

I did miss that. My apologies. However, I still believe that he should save money and build the antennas himself. It'll be a great learning experience.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: Tuesday, July 21, 2009 9:45 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

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Danny
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From: Matt Patterson <mattpatt@... <mailto:mattpatt%401starnet.com>
>
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Tuesday, July 21, 2009 6:49:49 AM
Subject: RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

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26959. Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-22 16:34:23 UTC
From: Jim C
Topic: 26944 Message: 26959

He will do well with the windom type attached to the house gutters

Danny Loyd wrote:
>
>
> Every missed the point that he passed his Tech and General license
> exam so he will be licensed as a General and will be able to operate
> more than just the 10, 2 and 70.
>
> Danny
> KE5WDI
>
> _____
> From: Matt Patterson <mattpatt@...
> <mailto:mattpatt%401starnet.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Tuesday, July 21, 2009 6:49:49 AM
> Subject: RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?
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> 73 Matt
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>
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>
>

26960. RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-22 03:06:34 UTC
From: D. F.
Topic: 26944 Message: 26960

Everyone seems to miss the other points about home-brewing the antennas. Not only does it keep the cost down, but you are building a more efficient antenna for the band you wish to work. Most (if not all) commercially made antennas are mfd for multiple uses, not just amateur.

These broad-banded antennas will work for our needs but you will almost always need a tuner to get it to work. I make mine so that I get the best readings in the middle of the bands I use so as I tune either direction from where the antenna is tuned the swr and what not do not change much.

Finally, it gives you experience in fabricating the antenna, gets you thinking about antenna design, as well as the feeling of accomplishment that YOU were able to make something and get it to work CORRECTLY! That is such a rush!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Matt Patterson
Sent: Tuesday, July 21, 2009 17:39
To: FT897@yahoogroups.com
Subject: RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

I did miss that. My apologies. However, I still believe that he should save money and build the antennas himself. It'll be a great learning experience.

73 Matt

W5LL

From: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com [mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] On Behalf Of
Danny Loyd
Sent: Tuesday, July 21, 2009 9:45 AM
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Subject: Re: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

Every missed the point that he passed his Tech and General license exam so
he will be licensed as a General and will be able to operate more than just
the 10, 2 and 70.

Danny
KE5WDI

_____
From: Matt Patterson <mattpatt@1starnet.
<mailto:mattpatt%401starnet.com> com <mailto:mattpatt%401starnet.com>
>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
<mailto:FT897%40yahoogroups.com>
Sent: Tuesday, July 21, 2009 6:49:49 AM
Subject: RE: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

HI,

I have a Ft-897D and love it. Nice little radio in a very small package.
As far as antennas go and since you just got your technician, I'd
homebrew
some antennas (to keep costs down) for a few of the bands that you are
licensed for. A inexpensive dipole for 10m would work okay. You could
put
it inside if you wanted but outside would be better. Here's a link to a
super easy to build 10m dipole.
http://www.hamunive rse.com/10metert echniciandipole. html

Since you also mentioned 2m and 70cm I would build a cheap yagi for
those
bands. You can make them for FM or for SSB and they are really very easy
to
make. Especially the 70cm version as you don't have to do any splicing
if
you use 1/8" brass welding rod for the elements.
http://www.wa5vjb. com/references. html

Then when you decide to upgrade. You will upgrade won't you? J You can
add more wires to the 10m dipole and convert it into a fan dipole which
will
allow you to get on some of the other bands you would be licensed for at
that point.

73 Matt

W5LL

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf
Of
tennesseephil
Sent: Sunday, July 19, 2009 1:58 PM
To: FT897@yahoogroups. com
Subject: [FT897] ATAS-120 or Alpha Delta DX EE antenna in attic?

I passed my technician and general exams yesterday, so I am shopping for
equipment today. I've pretty well settled on the FT-897D, but I'm having
difficulty deciding on an antenna.

For a number of reasons, it would be more convenient for me to install an
antenna in the attic rather than outside. Two possibilities I am considering
are: (1) an ATAS-120 with a sheet metal plate under it to provide a ground
plane, or (2) an Alpha Delta DX EE antenna along with a LDG AT-897 tuner.

Do you think the ATAS-120 would work well in an attic? I have enough
vertical clearance. If I do this, what size sheet metal ground plane do I
need under it, and what would be the best choice of material? Should I use
real sheet metal, or would chicken wire mesh work?

What is the total length of the Alpha Delta DX EE? Will it work for 2 meters
and 440, or will I need a separate antenna for those bands?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26961. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-22 13:47:33 UTC
From: tennesseephil
Topic: 26909 Message: 26961

I use a "Battery Tender" (http://www.batterytender.com) to maintain the long-term charge on batteries such as my generator starter battery. The Battery Tender has a controller that monitors the battery voltage and prevents overcharging. I think it also is smart enough to do some intentional voltage cycling which helps the life of batteries. Their "Plus" version monitors ambient temperature and adjusts the voltage it holds the batteries at based on room temperature.

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> That's why they died quickly; they were being constantly charged and never
> discharged. When you overcharge a battery, the energy has to go somewhere...
> In the case of an RV battery (which should have flat plates), it ends up
> boiling the electrolyte out of the battery. A big part of maintaining a deep
> cycle battery is *cycling* it. In your situation, you really do need a
> starter battery.
>

26962. Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 13:16:15 UTC
From: Ed Metzler
Topic: 26962 Message: 26962

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine.
Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer's instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

26963. Re: Anyone have a Dinkey portable paddle?

Yahoo group: FT897 (2009)
Date: 2009-07-22 19:12:21 UTC
From: fred t. forbush
Topic: 26883 Message: 26963

--- In FT897@yahoogroups.com, dug b <clockdug@...> wrote:
>
> Just wondering if anyone on the list had purchased a dinkey for use with their 897. It looks like it should work pretty well as a portable paddle and I was thinking of ordering one; just wanted to see if there were any users who had an opinion. If you haven't seen what I'm talking about it's a tiny cw paddle that plugs directly into the mike jack of the ft817 or ft897. Check http://www.geocities.com/micro-wave/dinkey.html for details.
>
> 73 de KC4RSL

Yes, I bought one about two years ago and works fine. I had to file the stops a little in order for the key to lock. The builder told me he would need to reset the stops placement for future ft-897 dinkeys because of the recurring problem. I'm sure this is resolved now but you might ask about it if you consider getting one.
73,
Fred
k6kub
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

26964. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 19:18:06 UTC
From: KenW
Topic: 26962 Message: 26964

On Wed, 22 Jul 2009 13:16:15 -0000, you wrote:

>I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
>The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer's instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person suggested I increase my carrier
>signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
>Ed/KC9HSY

Because on SSB there is no RF output unless you are talking. Use AM or CW
to test SWR. Pretty sure you need a key in the key jack for cw output.

Ken...W2BDP\w0

26965. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 19:33:51 UTC
From: Thomas Wilson
Topic: 26962 Message: 26965

The fundamental problem seems to be that you don't understand the difference between each mode.

With USB and LSB, your radio's power output is directly proportional to your audio level. When no audio is hitting the mic, the transmitter is basically not doing anything. SWR meters measure the amount of energy coming back from the antenna, so if the radio's not sending anything, there's nothing to measure.

If you don't have a CW key plugged in to your rig, and you don't have a switch plugged in to the ACC port, you need to put the radio in AM mode, set your RF power as low as it goes, and key the mic. ID first, then just hold the PTT button while you calibrate your meter. Once it's calibrated, you can flip the switch to SWR and read the SWR off the meter.

When you're done, turn the power back up and flip back to USB or LSB.

If you're using a tuner, you might consider getting or building the "one touch tuning" circuit that someone else talked about in a previous post. It's very simple, and it makes tuning a lot easier.

You can also make the rig transmit a constant carrier through the key port, the ACC port (the ring, not the tip), or the PTT line on the data port. The data port sends a carrier in CW mode or any time when Auto CW is turned on.

On Wed, Jul 22, 2009 at 6:16 AM, Ed Metzler <edward@...> wrote:

>
>
> I posted this question a couple of days ago, then decided I needed to do
> more of my own research, because there has to be something simple I'm
> missing. But I haven't found the answer, even talking to a couple of hams
> who have 857s.
> The problem is the SWR meter on the 897D doesn't react at all when I'm on
> the HF bands (unless I'm talking into the mike). When I'm in FM mode on the
> VHF bands it works fine. Here is what I am doing: I have my rig hooked up to
> a Buddistick. The stick is about 9 feet off the ground. Per the
> manufacturer's instructions, I have the counterpoise wound out about 31 feet
> and elevated off the ground about 4 feet. I can hear very well on 40 meters,
> and I've made a couple of contacts. But when I try to check my SWR, the
> meter doesn't move when I key the mike without speaking. I've put it in CW
> mode to get a constant carrier and keyed the mike, but the needle still
> doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack
> SWR meter and have exactly the same problem. I can't even calibrate it. I've
> been told to turn my mike gain to 0, and others said to jack it way up.
> Neither had any effect, so I've put it back to the default, 50. One person
> suggested I increase my carrier signal, but I'm not sure how to do that. I

> know I must be missing something simple, but for the life of me I don't know
> what it is. This isn't my first HF rig, but it's the first time I've had
> this problem. I'd really appreciate your help.
> Ed/KC9HSY
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26966. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 19:36:38 UTC
From: Paul Graham
Topic: 26962 Message: 26966

Forgive me if I am stating the obvious here, but you do realise that USB and LSB only have an output when you talk don't you? If you don't speak (or make a noise) then the radio won't have an output. Try FM or AM. For CW I'm sure you need a key in the jack.

Paul.

From: Ed Metzler <edward@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 22 July, 2009 14:16:15
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person
suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

[Non-text portions of this message have been removed]

26967. Signalink USB for sale

Yahoo group: FT897 (2009)
Date: 2009-07-22 20:05:31 UTC
From: Thomas Wilson
Topic: 26967 Message: 26967

I have a Signalink USB for sale on EBay

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110416711485

It's only about a month old, and it works fine - I just don't need it with
my homebrew mic/PSK box. (More on that later when it's all done...)
Thanks
-Tom

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

26968. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 21:21:00 UTC
From: P Grant
Topic: 26962 Message: 26968

Hello Ed,

Forget about what antenna you have in use for HF.

The problem you are having is using and understanding the readings on the 897 , built in SWR Meter !

To start,,, buy or borrow a 50 ohm dummy load.,,, 25 watt is well good enough for use on any of the bands, you will only be using low power for testing. $5 - 10,,,

You mentioned having purchased an SWR meter , if it is good for VHF, it is good for HF also, but not always vice -versa.

Connect the radio, SWR Meter, and dummy load together with short jumper coax cables.

Go to Menu 75, and select say 10 watts. select FM mode on say 7.1 MHz ???

Press the microphone PTT,,, the needle on the forward power reading on the SWR meter will read 10 watts [or very near.] Try this on all bands same result !!!
Whatever power you set on menu 75 will show on the SWR meter as the forward power.

THIS IS ONLY ON FM,,, OR AM.
Not on SSB. To have a reading on the meter with SSB, you must "awaken" the carrier !... whistle in to the mike,,, the needle will kick up !!! same thing with a long "AAAAAAAAH."

The radio is working 100%.

Just my own idea,,, but I do not recon with readings on the "in box" SWR meter,,, I think it's just a decoration, the "HISWR", is on the other hand a first class option.

So now you have the basic idea of understanding how your radio performs with TX power, you can experiment with tuning your "buddipole" using the SWR meter,,, you will do this in FM mode !!!, and on low power [change the dummy load for the antenna, and you are ready to make adjustments to the buddipole. The SWR meter will, when you have a poor SWR reading, show this as "reflected power" as compared to "forward power"

The ratio between Forward power and reflected power is the "SWR Ratio"

{for example,,, forward power = 20 Watts... reflected power = 10 watts,,, SWR - 2:1 }

You will get much better settings than that, hopefully 1.2 : 1,,, all the time...

There are many other posts in the achieves of both the "buddipole" , and "FT897" yahoo groups,, which you should read back over to find many similar questions and answers !"

I don't need to wish you luck,,, so I'll wish you good DX,,

Have Fun

Peter ____ EI4HX

73 from Ireland ei4hxperimental@...
----- Original Message -----
From: Ed Metzler
To: FT897@yahoogroups.com
Sent: Wednesday, July 22, 2009 1:16 PM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine.
Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer's instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

[Non-text portions of this message have been removed]

26969. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 20:39:50 UTC
From: Lew Phelps K6LMP
Topic: 26962 Message: 26969

Another way to produce a low-power carrier for tuning or testing purposes is to use a built-in feature of the FT-897 ACC jack. It is a 3-connector 3.5 mm "mini-stereo" type jack. The tip connects to the ALC circuit, and application of a negative voltage to that contact will reduce the transmitter output. An input of minus 4.0VDC will reduce transmitter power output to zero. The middle ring on the jack, when shorted to ground, keys the transmitter.

See page 20 of the OpManual, which says, in part:

ACC Jack
This 3.5-mm 3-pin jack accepts external ALC (Automatic Level Control) voltage from a linear amplifier on the tip connection, and accepts a “Transmit Request” command on the ring connection. The main shaft is the ground re- turn. The “TX Request” connection, when shorted to ground, puts the FT-897 into the transmit mode, and sends out a steady CW carrier, for linear amplifier or manual anenna tuner adjustment.

One member of this group, DF1QQ, has posted a circuit diagram in the FILES section of the group's space on Yahoo, http://groups.yahoo.com/group/FT897/files/ , under the heading "DF1QQ_tuning_box version2_for_ft_897.gif". This device applies a negative voltage to the tip of the 3-pin jack, and simultaneously shorts the middle ring to ground (the main shaft), resulting in the rig transmitting in CW mode at a power output controlled by the potentiometer setting on the Tuning Box.

I and others in the group have built and use this device; it works fine. I built a a slightly modified version of this project that DF1QQ described. It is important that you don't plug the device into the ACC Jack while there is negative voltage applied to the jack tip (that is, the device is turned on). To protect against that possibility, I built my Tuning Box with a momentary-on switch, and also added an LED that is lit whenever the device is turned on. Additionally, I changed the resistor configuration so that I have 14KΩ of resistance "above" the 10KΩ potentiometer, and no resistance "below" it. This modifies the output of the voltage divider, and means (assuming a 9.5 volt output from a fresh 9 VDC battery) that the output to the tip of the jack will be at a maximum of 10/24 x -9.5 = - 3.96 volts , which will force the transmitter output power down to about zero, and at a minimum will reduce the ALC will be close to zero volts, leaving the transmitter at whatever power level is set by menu. Just make very sure that you have the plug inserted all the way into the jack before you turn it on, and you'll be OK. (The circuit proposed by DF1QQ, with a fixed 10K resistor, 10K pot, and another 10K

resistor in series, creates a voltage divider that will provide a negative voltage ranging from 3.17 to 6.33 volts. At one extreme, this will reduce transmitter power to about 25% of "normal, and the other extreme provides -2.33 volts more volts than is required to drive transmit power to zero. I think my voltage divider configuration is more appropriate.

Another school of thought finds the risk of frying your CPU unacceptable, In an earlier posting, Geert Jan PE1HGZ) commented:

"I'm not too keen on this. The negative voltage is on the tip. If the plug isn't pushed in fully, then the negative voltage goes to the middle ring (not ground ring) connector of the ACC plug, which is the PTT pin of the ACC plug. The PTT line directly goes to the main CPU (with some buffer resistors, but that's it). Hence, if the plug isn't in in full, then you will inject a negative input voltage on the CPU pin. This is a recipe for destroying CMOS circuits, in this case, the CPU."

He has described an alternative solution to the same problem, a small circuit modification that fools the FT-897 into thinking it is running on batteries, and thus reduces transmitter output to 20 watts. His mod is described in the Files section under the heading "PE1HZG high SWR protection."

To each his own taste, but I went with DF1QQ's approach because the circuit board modification requires working amongst very small components. If your rig's under warranty, it would probably void the warranty, as well.

Meanwhile, as others have noted, you're never going to get any SWR when in SSB mode unless you talk or whistle into the mike, because no modulation means no power output, and with no power output you won't see any SWR reading.

Lew K6LMP

On Jul 22, 2009, at 12:18 PM, KenW wrote:

> On Wed, 22 Jul 2009 13:16:15 -0000, you wrote:
>
> >I posted this question a couple of days ago, then decided I needed
> to do more of my own research, because there has to be something
> simple I'm missing. But I haven't found the answer, even talking to
> a couple of hams who have 857s.
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> about 4 feet. I can hear very well on 40 meters, and I've made a

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> doesn't move when I key the mike without speaking. I've put it in CW
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> even calibrate it. I've been told to turn my mike gain to 0, and
> others said to jack it way up. Neither had any effect, so I've put
> it back to the default, 50. One person suggested I increase my carrier
> >signal, but I'm not sure how to do that. I know I must be missing
> something simple, but for the life of me I don't know what it is.
> This isn't my first HF rig, but it's the first time I've had this
> problem. I'd really appreciate your help.
> >Ed/KC9HSY
>
> Because on SSB there is no RF output unless you are talking. Use AM
> or CW
> to test SWR. Pretty sure you need a key in the key jack for cw output.
>
> Ken...W2BDP\w0
>
>

[Non-text portions of this message have been removed]

26970. RE: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 20:47:35 UTC
From: D. F.
Topic: 26962 Message: 26970

No, the problem he is having is he is forgetting there is no carrier in SSB when he keys the mic. He forgot that to get a carrier, he needs to be in AM, FM or CW mode. If you read his original post, he even stated that the only time the SWR meter moved was when he spoke into the mic.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of P Grant
Sent: Wednesday, July 22, 2009 16:21
To: FT897@yahoogroups.com
Subject: Re: [FT897] Rig's SWR Meter

Hello Ed,

Forget about what antenna you have in use for HF.

The problem you are having is using and understanding the readings on the 897 , built in SWR Meter !

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You mentioned having purchased an SWR meter , if it is good for VHF, it is good for HF also, but not always vice -versa.

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Not on SSB. To have a reading on the meter with SSB, you must "awaken" the carrier !... whistle in to the mike,,, the needle will kick up !!! same thing with a long "AAAAAAAAH."

The radio is working 100%.

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The ratio between Forward power and reflected power is the "SWR Ratio"

{for example,,, forward power = 20 Watts... reflected power = 10 watts,,, SWR - 2:1 }

You will get much better settings than that, hopefully 1.2 : 1,,, all the time...

There are many other posts in the achieves of both the "buddipole" , and "FT897" yahoo groups,, which you should read back over to find many similar questions and answers !"

I don't need to wish you luck,,, so I'll wish you good DX,,

Have Fun

Peter ____ EI4HX

73 from Ireland ei4hxperimental@ <mailto:ei4hxperimental%40eircom.net> eircom.net
----- Original Message -----
From: Ed Metzler
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Wednesday, July 22, 2009 1:16 PM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer's instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've

put it back to the default, 50. One person suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26971. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 20:48:50 UTC
From: Danny Loyd
Topic: 26962 Message: 26971

Do you have a tuner on your radio? First of all when you are either USB or LSB on the radio, you have no output into the radio and the antenna until you speak, therefore you have no SWR reading. Try tuning the radio either with a CW tone or in AM until you get your SWR down. Then it should be okay when you transmit on SSB.

Danny
KE5WDI

From: Ed Metzler <edward@...>
To: FT897@yahoogroups.com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine.
Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person
suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

[Non-text portions of this message have been removed]

26972. Re: [FT897] Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 21:42:30 UTC
From: eric@van-de-weyer.org
Topic: 26962 Message: 26972

Of course, one ofthe simplest ways is to go to AM mode and hit the PTT. You will have a carrier of about 1/4 of the full setting so, if the rig is set to 100% then the carrier on AM will be about 25W.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Lew Phelps K6LMP <k6lmp@...>
>Date: Wed, 22 Jul 2009 13:39:50 -0700
>Subject: Re: [FT897] Rig's SWR Meter
>Reply-To: FT897@yahoogroups.com
>
>
>Another way to produce a low-power carrier for tuning or testing
>purposes is to use a built-in feature of the FT-897 ACC jack. It is a

>3-connector 3.5 mm "mini-stereo" type jack. The tip connects to the
>ALC circuit, and application of a negative voltage to that contact
>will reduce the transmitter output. An input of minus 4.0VDC will
>reduce transmitter power output to zero. The middle ring on the jack,

>when shorted to ground, keys the transmitter.
>
>See page 20 of the OpManual, which says, in part:
>
>ACC Jack
>This 3.5-mm 3-pin jack accepts external ALC (Automatic Level Control)
>voltage from a linear amplifier on the tip connection, and accepts a
>?Transmit Request? command on the ring connection. The main shaft
>is the ground re- turn. The ?TX Request? connection, when shorted
>to ground, puts the FT-897 into the transmit mode, and sends out a
>steady CW carrier, for linear amplifier or manual anenna tuner
>adjustment.
>
>One member of this group, DF1QQ, has posted a circuit diagram in the
>FILES section of the group's space on Yahoo, http://groups.yahoo.com/group/FT897/files/
>
>, under the heading "DF1QQ_tuning_box version2_for_ft_897.gif". This
>device applies a negative voltage to the tip of the 3-pin jack, and
>simultaneously shorts the middle ring to ground (the main shaft),
>resulting in the rig transmitting in CW mode at a power output
>controlled by the potentiometer setting on the Tuning Box.
>
>I and others in the group have built and use this device; it works
>fine. I built a a slightly modified version of this project that

>DF1QQ described. It is important that you don't plug the device into
>the ACC Jack while there is negative voltage applied to the jack tip
>(that is, the device is turned on). To protect against that
>possibility, I built my Tuning Box with a momentary-on switch, and
>also added an LED that is lit whenever the device is turned on.
>Additionally, I changed the resistor configuration so that I have 14K?

>of resistance "above" the 10K? potentiometer, and no resistance
>"below" it. This modifies the output of the voltage divider, and means

>(assuming a 9.5 volt output from a fresh 9 VDC battery) that the
>output to the tip of the jack will be at a maximum of 10/24 x -9.5 =
>- 3.96 volts , which will force the transmitter output power down to
>about zero, and at a minimum will reduce the ALC will be close to zero

>volts, leaving the transmitter at whatever power level is set by
>menu. Just make very sure that you have the plug inserted all the way

>into the jack before you turn it on, and you'll be OK. (The circuit
>proposed by DF1QQ, with a fixed 10K resistor, 10K pot, and another 10K

>resistor in series, creates a voltage divider that will provide a
>negative voltage ranging from 3.17 to 6.33 volts. At one extreme,
>this will reduce transmitter power to about 25% of "normal, and the
>other extreme provides -2.33 volts more volts than is required to
>drive transmit power to zero. I think my voltage divider configuration

>is more appropriate.
>
> Another school of thought finds the risk of frying your CPU
>unacceptable, In an earlier posting, Geert Jan PE1HGZ) commented:
>
>"I'm not too keen on this. The negative voltage is on the tip. If the
>plug isn't pushed in fully, then the negative voltage goes to the
>middle ring (not ground ring) connector of the ACC plug, which is the
>PTT pin of the ACC plug. The PTT line directly goes to the main CPU
>(with some buffer resistors, but that's it). Hence, if the plug isn't
>in in full, then you will inject a negative input voltage on the CPU
>pin. This is a recipe for destroying CMOS circuits, in this case, the
>CPU."
>
>He has described an alternative solution to the same problem, a small
>circuit modification that fools the FT-897 into thinking it is running

>on batteries, and thus reduces transmitter output to 20 watts. His mod

>is described in the Files section under the heading "PE1HZG high SWR
>protection."
>
>To each his own taste, but I went with DF1QQ's approach because the
>circuit board modification requires working amongst very small
>components. If your rig's under warranty, it would probably void the

>warranty, as well.
>
>Meanwhile, as others have noted, you're never going to get any SWR
>when in SSB mode unless you talk or whistle into the mike, because no
>modulation means no power output, and with no power output you won't
>see any SWR reading.
>
>
>Lew K6LMP
>
>
>
>On Jul 22, 2009, at 12:18 PM, KenW wrote:
>
>> On Wed, 22 Jul 2009 13:16:15 -0000, you wrote:
>>
>> >I posted this question a couple of days ago, then decided I needed
>> to do more of my own research, because there has to be something
>> simple I'm missing. But I haven't found the answer, even talking to
>> a couple of hams who have 857s.
>> >The problem is the SWR meter on the 897D doesn't react at all when
>> I'm on the HF bands (unless I'm talking into the mike). When I'm in
>> FM mode on the VHF bands it works fine. Here is what I am doing: I
>> have my rig hooked up to a Buddistick. The stick is about 9 feet off

>> the ground. Per the manufacturer's instructions, I have the
>> counterpoise wound out about 31 feet and elevated off the ground
>> about 4 feet. I can hear very well on 40 meters, and I've made a
>> couple of contacts. But when I try to check my SWR, the meter
>> doesn't move when I key the mike without speaking. I've put it in CW

>> mode to get a constant carrier and keyed the mike, but the needle
>> still doesn't move. And I'm not getting an HSWR warning. I bought a
>> Radio Shack SWR meter and have exactly the same problem. I can't
>> even calibrate it. I've been told to turn my mike gain to 0, and
>> others said to jack it way up. Neither had any effect, so I've put
>> it back to the default, 50. One person suggested I increase my carrier
>> >signal, but I'm not sure how to do that. I know I must be missing
>> something simple, but for the life of me I don't know what it is.
>> This isn't my first HF rig, but it's the first time I've had this
>> problem. I'd really appreciate your help.
>> >Ed/KC9HSY
>>
>> Because on SSB there is no RF output unless you are talking. Use AM
>> or CW
>> to test SWR. Pretty sure you need a key in the key jack for cw output.
>>
>> Ken...W2BDP\w0
>>
>>
>

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>Yahoo! Groups Links
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26973. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-22 23:09:19 UTC
From: P Grant
Topic: 26973 Message: 26973

Read some of the advise he got before posting here in his original post !!!

Hello again Ed,

I hope all this advice has helped you understand the facts relating to "no output " showing on the meter when you PTT using SSB.
As you already told us, there is power on PTT on VHF, I presume FM,,,,

Just a small reminder,,, when you are transmitting a signal through your "buddipole", to help with tuning,,,, DO NOT USE CW MODE,,, use FM only...

There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments... Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@...
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups.com
Sent: Wednesday, July 22, 2009 8:48 PM
Subject: Re: [FT897] Rig's SWR Meter

Do you have a tuner on your radio? >> snip<< Try tuning the radio either with a CW tone or in AM until you get your SWR down. Then it should be okay when you transmit on SSB.

Danny
KE5WDI

From: Ed Metzler <edward@...>
To: FT897@yahoogroups.com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.

The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person
suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

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[Non-text portions of this message have been removed]

26974. Re: Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 22:15:03 UTC
From: Ed Metzler
Topic: 26962 Message: 26974

No problem, since the obvious obviously escaped me. I have been putting it in CW mode but didn't realize I needed a key in the jack. Thanks.
Ed/KC9HSY

--- In FT897@yahoogroups.com, Paul Graham <cooldotwebdesign@...> wrote:
>
> Forgive me if I am stating the obvious here, but you do realise that USB and LSB only have an output when you talk don't you? If you don't speak (or make a noise) then the radio won't have an output. Try FM or AM. For CW I'm sure you need a key in the jack.
>
> Paul.
>
>
>
>
> _____
> From: Ed Metzler <edward@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, 22 July, 2009 14:16:15
> Subject: [FT897] Rig's SWR Meter
>
>
> I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
> The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person
> suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
> Ed/KC9HSY
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>
> [Non-text portions of this message have been removed]
>

26975. Re: Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 22:19:45 UTC
From: Ed Metzler
Topic: 26962 Message: 26975

Actually, I stated in my message that I did try it in CW mode. Only I didn't realize I needed to have a key in the jack. So I'm only half-stupid. :)
Ed/KC9HSY

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> No, the problem he is having is he is forgetting there is no carrier in
> SSB when he keys the mic. He forgot that to get a carrier, he needs to
> be in AM, FM or CW mode. If you read his original post, he even stated
> that the only time the SWR meter moved was when he spoke into the mic.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> P Grant
> Sent: Wednesday, July 22, 2009 16:21
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Rig's SWR Meter
>
>
> Hello Ed,
>
> Forget about what antenna you have in use for HF.
>
> The problem you are having is using and understanding the readings on
> the 897 , built in SWR Meter !
>
> To start,,, buy or borrow a 50 ohm dummy load.,,, 25 watt is well good
> enough for use on any of the bands, you will only be using low power for
> testing. $5 - 10,,,
>
> You mentioned having purchased an SWR meter , if it is good for VHF, it
> is good for HF also, but not always vice -versa.
>
> Connect the radio, SWR Meter, and dummy load together with short jumper
> coax cables.
>
> Go to Menu 75, and select say 10 watts. select FM mode on say 7.1 MHz
> ???
>
> Press the microphone PTT,,, the needle on the forward power reading on
> the SWR meter will read 10 watts [or very near.] Try this on all bands
> same result !!!
> Whatever power you set on menu 75 will show on the SWR meter as the

> forward power.
>
> THIS IS ONLY ON FM,,, OR AM.
> Not on SSB. To have a reading on the meter with SSB, you must "awaken"
> the carrier !... whistle in to the mike,,, the needle will kick up !!!
> same thing with a long "AAAAAAAAH."
>
> The radio is working 100%.
>
> Just my own idea,,, but I do not recon with readings on the "in box" SWR
> meter,,, I think it's just a decoration, the "HISWR", is on the other
> hand a first class option.
>
> So now you have the basic idea of understanding how your radio performs
> with TX power, you can experiment with tuning your "buddipole" using the
> SWR meter,,, you will do this in FM mode !!!, and on low power [change
> the dummy load for the antenna, and you are ready to make adjustments to
> the buddipole. The SWR meter will, when you have a poor SWR reading,
> show this as "reflected power" as compared to "forward power"
>
> The ratio between Forward power and reflected power is the "SWR Ratio"
>
> {for example,,, forward power = 20 Watts... reflected power = 10
> watts,,, SWR - 2:1 }
>
> You will get much better settings than that, hopefully 1.2 : 1,,, all
> the time...
>
> There are many other posts in the achieves of both the "buddipole" , and
> "FT897" yahoo groups,, which you should read back over to find many
> similar questions and answers !"
>
> I don't need to wish you luck,,, so I'll wish you good DX,,
>
> Have Fun
>
> Peter ____ EI4HX
>
> 73 from Ireland ei4hxperimental@ <mailto:ei4hxperimental%40eircom.net>
> eircom.net
> ----- Original Message -----
> From: Ed Metzler
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> Sent: Wednesday, July 22, 2009 1:16 PM
> Subject: [FT897] Rig's SWR Meter
>
> I posted this question a couple of days ago, then decided I needed to do
> more of my own research, because there has to be something simple I'm
> missing. But I haven't found the answer, even talking to a couple of
> hams who have 857s.

> The problem is the SWR meter on the 897D doesn't react at all when I'm
> on the HF bands (unless I'm talking into the mike). When I'm in FM mode
> on the VHF bands it works fine. Here is what I am doing: I have my rig
> hooked up to a Buddistick. The stick is about 9 feet off the ground. Per
> the manufacturer's instructions, I have the counterpoise wound out about
> 31 feet and elevated off the ground about 4 feet. I can hear very well
> on 40 meters, and I've made a couple of contacts. But when I try to
> check my SWR, the meter doesn't move when I key the mike without
> speaking. I've put it in CW mode to get a constant carrier and keyed the
> mike, but the needle still doesn't move. And I'm not getting an HSWR
> warning. I bought a Radio Shack SWR meter and have exactly the same
> problem. I can't even calibrate it. I've been told to turn my mike gain
> to 0, and others said to jack it way up. Neither had any effect, so I've
> put it back to the default, 50. One person suggested I increase my
> carrier signal, but I'm not sure how to do that. I know I must be
> missing something simple, but for the life of me I don't know what it
> is. This isn't my first HF rig, but it's the first time I've had this
> problem. I'd really appreciate your help.
> Ed/KC9HSY
>
> [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

26976. Thanks for SWR Response

Yahoo group: FT897 (2009)
Date: 2009-07-22 22:22:17 UTC
From: Ed Metzler
Topic: 26976 Message: 26976

Thanks very much to all of you for answering my question on the SWR meter. I knew it was something obvious I was missing. Thanks for your patience.
Great group.

Ed/KC9HSY

26977. Re: [FT897] Re: Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-22 22:49:10 UTC
From: Paul Graham
Topic: 26962 Message: 26977

Hello Ed,

Speaking of the obvious, I climbed a 200 metre 'hill' one day with my 187, a battery, a 5 element SOTA beam and a fiberglass telescopic pole. I was more than ready for a good rest by the time I got there! I got everything set up, and tuned around 2m wondering why it was so quiet on there. After about 20 minutes of calling CQ on 2m I realised I had the beam pluged into the front BNC, but VHF was set up to use the rear socket!

I think we all miss the obvious at times :)

paul.

From: Ed Metzler <edward@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 22 July, 2009 23:15:03
Subject: [FT897] Re: Rig's SWR Meter

No problem, since the obvious obviously escaped me. I have been putting it in CW mode but didn't realize I needed a key in the jack. Thanks.
Ed/KC9HSY

--- In FT897@yahoogroups. com, Paul Graham <cooldotwebdesign@ ...> wrote:
>
> Forgive me if I am stating the obvious here, but you do realise that USB and LSB only have an output when you talk don't you? If you don't speak (or make a noise) then the radio won't have an output. Try FM or AM. For CW I'm sure you need a key in the jack.
>
> Paul.
>
>
>
>
> ------------ --------- --------- --
> From: Ed Metzler <edward@...>
> To: FT897@yahoogroups. com
> Sent: Wednesday, 22 July, 2009 14:16:15
> Subject: [FT897] Rig's SWR Meter
>
>
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> The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine.
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> suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
> Ed/KC9HSY
>
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>
> [Non-text portions of this message have been removed]
>

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26978. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-22 22:43:25 UTC
From: Paul Graham
Topic: 26973 Message: 26978

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

Paul.

From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Thursday, 23 July, 2009 0:09:19
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Read some of the advise he got before posting here in his original post !!!

Hello again Ed,

I hope all this advice has helped you understand the facts relating to "no output " showing on the meter when you PTT using SSB.
As you already told us, there is power on PTT on VHF, I presume FM,,,,

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There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments. .. Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:48 PM

Subject: Re: [FT897] Rig's SWR Meter

Do you have a tuner on your radio? >> snip<< Try tuning the radio either with a CW tone or in AM until you get your SWR down. Then it should be okay when you transmit on SSB.

Danny
KE5WDI

---------- --------- --------- --
From: Ed Metzler <edward@metzlers. net>
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine.
Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person
suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

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26979. Re: Rig's SWR Meter

Yahoo group: FT897 (2009)
Date: 2009-07-23 04:21:50 UTC
From: Mark Levenite
Topic: 26962 Message: 26979

If you are using the MH-31 or MH-59 microphone you can set it up to send CW via the menus (I suspect the MH-36 mic will work as well). I believe the menu selection is "CW PADDLE": selections from this menu are "ELEKEY" & "MICKEY". Select MICKEY. UP button sends dits...DOWN button sends dahs...or you can reverse it via another menu selection.

--- In FT897@yahoogroups.com, "Ed Metzler" <edward@...> wrote:
>
> No problem, since the obvious obviously escaped me. I have been putting it in CW mode but didn't realize I needed a key in the jack. Thanks.
> Ed/KC9HSY
>
> --- In FT897@yahoogroups.com, Paul Graham <cooldotwebdesign@> wrote:
> >
> > Forgive me if I am stating the obvious here, but you do realise that USB and LSB only have an output when you talk don't you? If you don't speak (or make a noise) then the radio won't have an output. Try FM or AM. For CW I'm sure you need a key in the jack.
> >
> > Paul.
> >
> >
> >
> >
> > _____
> > From: Ed Metzler <edward@>
> > To: FT897@yahoogroups.com
> > Sent: Wednesday, 22 July, 2009 14:16:15
> > Subject: [FT897] Rig's SWR Meter
> >
> >
> > I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
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> > [Non-text portions of this message have been removed]
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>

26980. Re: ATAS-120 or Alpha Delta DX EE antenna in attic?

Yahoo group: FT897 (2009)
Date: 2009-07-23 09:32:05 UTC
From: tennesseephil
Topic: 26944 Message: 26980

Thank you for your message. I continue to hear good things about the FT-897 from many sources. I'm trying to find a local ham with an 897 who I can visit.

As I said in my original post, I passed my Technician AND GENERAL exams last Saturday. I have already started studying for the Extra Class, and I plan to take that exam in September.

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:
>
> HI,
>
> I have a Ft-897D and love it. Nice little radio in a very small package.
> As far as antennas go and since you just got your technician...
>
>
> Then when you decide to upgrade. You will upgrade won't you? J You can
> add more wires to the 10m dipole and convert it into a fan dipole which will
> allow you to get on some of the other bands you would be licensed for at
> that point.

26981. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 11:03:48 UTC
From: P Grant
Topic: 26973 Message: 26981

Hello Paul

As regarding tuning on FM, I was always taught that that was the thing to do !

I would have replied an hour earlier, but I wanted to see if I could back up my suggestion. I telephoned a friend, who lives about 2 Miles away from me.

We ran an experiment, he transmitted 5 watts FM into his 40 M, Buddistick, to simulate tuning on 7.105 MhZ, ,, We tried several attempts, and although we are only 2 miles apart there was no sign of audio interference while listening on HF.

We were using 145.200 FM as a talk channel, on 5 watts.

Just to be sure, we repeated a test while tuned to a strong local HF station which was transmitting on 7.068 MHz, in this case I could not detect any s meter action, as compared to when on FM mode on a clear channel, neither was there any "noise", while testing on SSB on a clear channel.

I am 100% sure that there is an alternative to my way of thinking, and am always prepared to learn something new.

I do not own a "Buddipole or Buddistick", antenna system, but am impressed at the construction, and versatility of the product.

By the way,,, My friend was using the Vertical buddistick, when doing the test transmission, and I was using a 40M horizontal di pole.

With regard to "all the button pushing",,,,, to tune up the buddistick, after some practice you will find you can reduce the number of PTT's needed to set up to resonance on the various bands you use.

Another complaint I have heard is the "menu" setting changes needed using the 897,
I have blocked out all the settings which I do not use. Out of the 90+ menu settings, I only use 8. Of these I set in memory the readings which I use most frequently.

I am using my 897 more and more as my base rig, as I find it quite easy to operate, I also have the FT857, which I intended to use .Mobile, but never actually got around to setting up mobile antennas correctly. So I am using VHF only in this car. It's a Peugeot 407 estate with the full glass roof, ,,, there is just enough roof at the back, for a triple mag-mount, and tuning a 80 M, Pro-Am needs a lot more metal than I have available.

My "Big" radio for the shack, is the FT 767 GX, which although old, is all I can ask for. It has no DSP, but it does have an equally good CAT system, which I use on Digi modes a lot.

I am not a buddipole "user", and therefore probably do not qualify to answer questions on this forum, at all !!

Paul, I have just re read your post ,,, No,,, I have never tuned through VHF on SSB, and heard anything unusual, but I will try to do that during a VHF contest when there are plenty of stations working. As I said, I was always told to use FM for tuning, so I did the experiment earlier. I will also admit that there may be a vast difference between HF, and VHF, in this case.

My final comment is that up until today, I would have lost any bet, regarding the FT897, sending a carrier on CW, via the PTT, unlike some older radios. It does not !!!

We live and learn,, me included.... Jack of all trades, and a master of ONE.

Best 73 _____ Peter EI4HX ei4hxperimental@...

----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups.com
Sent: Wednesday, July 22, 2009 10:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

Paul.

From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Thursday, 23 July, 2009 0:09:19
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Read some of the advise he got before posting here in his original post !!!

Hello again Ed,

I hope all this advice has helped you understand the facts relating to "no output " showing on the meter when you PTT using SSB.
As you already told us, there is power on PTT on VHF, I presume FM,,,,

Just a small reminder,,, when you are transmitting a signal through your "buddipole", to help with tuning,,,, DO NOT USE CW MODE,,, use FM only...

There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments. .. Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

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ei4hxperimental@ eircom.net

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26982. RE: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 10:58:29 UTC
From: Michael Walker (VA3MW)
Topic: 26973 Message: 26982

I've got some concerns with the basics of this question.

FM, CW or AM. All produce a constant carrier. You can measure swr with any of them with FM and CW normally being the same power.

But, I have to ask. Was the differences between these carrier modes (A1, F1 and A3) not taught in the classes you had to take in the Amateur classes and also part of the test for the amateur radio certificate and how each related to the power output from your transmitter?

I am not targeting the person who had the original post at all. But, I am targeting the education process. This is a very basic question that each and every amateur needs to understand 100%.

Mike VA3MW

From: Paul Graham [mailto:cooldotwebdesign@...]
Sent: Wednesday, July 22, 2009 6:43 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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Paul.

From: P Grant <ei4hxperimental@...
<mailto:ei4hxperimental%40eircom.net> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Thursday, 23 July, 2009 0:09:19
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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ei4hxperimental@ eircom.net
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:48 PM
Subject: Re: [FT897] Rig's SWR Meter

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Danny
KE5WDI

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From: Ed Metzler <edward@metzlers. net>
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

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26983. RE: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 13:08:58 UTC
From: Geoff Blake
Topic: 26973 Message: 26983

On Thu, 23 Jul 2009, Michael Walker (VA3MW) wrote:

> I've got some concerns with the basics of this question.
>
>
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> FM, CW or AM. All produce a constant carrier. You can measure swr with any
> of them with FM and CW normally being the same power.
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> But, I have to ask. Was the differences between these carrier modes (A1, F1
> and A3) not taught in the classes you had to take in the Amateur classes and
> also part of the test for the amateur radio certificate and how each related
> to the power output from your transmitter?
>

A1 or CW, the modulation is conveyed by transmitting either a full carrier (key down) or no carrier (key up).

A3 or AM, the modulation is conveyed by transmitted by varying the carrier amplitude to represent the audio signal. Typically, the higher the positive amplitude of the modulating signal, the higher the carrier level, the higher the negative amplitude, the lower the carrier level. Because of this, normally the resting carrier level (no modulation) is at half the peak carrier level in terms of voltage.

In the case of AM, the percentage (depth of) mosulation can vary between perhaps 30% on some broadast services to close to 100% for communication services.

F3 or FM, the modulation is conveyed by varying the frequency of the carrier. Typically, the higher the positive amplitude of the modulating signal, the higher the carrier frequency, the higher the negative amplitude, the lower the carrier frequency. With no modulation, the carrier frequency is at the nominal frequency.

In the case of F3, the movement (deviation) of the carrier frequency for audio cen be between perhaps 3kHz for communication to as much as 100kHz for broadcast audio.

I would have thought that all licenced amateurs should know this.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.

Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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26984. Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 13:22:50 UTC
From: Ed Metzler
Topic: 26973 Message: 26984

I received my license several years ago, and shortly after moved into a covenant restricted subdivision, so I spent only a few months on radio. I am just now getting back to it.
But more to your question about the education process, I think it leaves something to be desired. So much of the emphasis is on learning answers to the questions in the pool, and, based on my own experience, very little on making sure you really understand the principles. I did take a class for Technician, but really could have passed just using the books that explain answers to the pool questions.
You could argue that if you learn the answers to the pool questions then you have learned quite a bit, and that may be true, but I think the approach could be more geared to learning, then testing to see what you've learned.
I wasn't a technician very long before I passed my General test and the code test. I'm sure I learned a lot during that process, but I've forgotten much of what I learned. Thus, my question.
But it seems that at least one other person on this group agreed that you don't have a carrier unless you either are in CW mode or talking into the microphone, so perhaps my situation isn't unique. And the hams I asked in my community (three of them) didn't understand why it didn't work, either. I do feel like my knowledge of radio is woefully inadequate, but I'm not sure that is an indictment of the system. But the folks on this group really seem to know their way around the hobby. As a guy who learned everything he knows about radio, wave propagation and electronics from the technician and general books, I am quite amazed by your knowledge. And, I very much appreciate your taking the time to answer my question.

Ed/KC9HSY

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
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>
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> Mike VA3MW
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> Sent: Wednesday, July 22, 2009 6:43 PM
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> Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!
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> Sent: Thursday, 23 July, 2009 0:09:19
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> Hope to work you soon
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> 73 Peter _____ EI4HX
> ei4hxperimental@ eircom.net
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> From: Danny Loyd
> To: FT897@yahoogroups. com
> Sent: Wednesday, July 22, 2009 8:48 PM
> Subject: Re: [FT897] Rig's SWR Meter
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> __________ _________ _________ __
> From: Ed Metzler <edward@metzlers. net>
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26985. Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 13:31:03 UTC
From: Ed Metzler
Topic: 26973 Message: 26985

I think you'd surprised at the amatuers who wouldn't understand your answer. A lot of people get their tech license to get off of CB and on to 2 meters, which is beginning to sound a lot like CB, unfortunately. I don't mean to paint my own community with a broad brush, because there are a lot of very knowledgeable hams out there. But I think there are many who just did what it took to get a tech license, and you can do that without learning all the ins and outs. And if you never have any intentions of getting your General ticket and into HF, it doesn't take long to forget what you've learned. You buy a mobile rig, buy an antenna and you're on the air. Doesn't take much to do that.

--- In FT897@yahoogroups.com, Geoff Blake <geoff@...> wrote:
>
> On Thu, 23 Jul 2009, Michael Walker (VA3MW) wrote:
>
> > I've got some concerns with the basics of this question.
> >
> >
> >
> > FM, CW or AM. All produce a constant carrier. You can measure swr with any
> > of them with FM and CW normally being the same power.
> >
> >
> >
> > But, I have to ask. Was the differences between these carrier modes (A1, F1
> > and A3) not taught in the classes you had to take in the Amateur classes and
> > also part of the test for the amateur radio certificate and how each related
> > to the power output from your transmitter?
> >
>
> A1 or CW, the modulation is conveyed by transmitting either a full carrier
> (key down) or no carrier (key up).
>
> A3 or AM, the modulation is conveyed by transmitted by varying the carrier
> amplitude to represent the audio signal. Typically, the higher the
> positive amplitude of the modulating signal, the higher the carrier level,
> the higher the negative amplitude, the lower the carrier level. Because of
> this, normally the resting carrier level (no modulation) is at half the
> peak carrier level in terms of voltage.
>
> In the case of AM, the percentage (depth of) mosulation can vary between
> perhaps 30% on some broadast services to close to 100% for communication
> services.
>
> F3 or FM, the modulation is conveyed by varying the frequency of the
> carrier. Typically, the higher the positive amplitude of the modulating
> signal, the higher the carrier frequency, the higher the negative

> amplitude, the lower the carrier frequency. With no modulation, the
> carrier frequency is at the nominal frequency.
>
> In the case of F3, the movement (deviation) of the carrier frequency for
> audio cen be between perhaps 3kHz for communication to as much as 100kHz
> for broadcast audio.
>
> I would have thought that all licenced amateurs should know this.
>
> Geoff
>
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu.org/philosophy/no-word-attachments.html>
> --
>
> This E-mail and any attachment(s) are strictly confidential
> and is intended solely for the addressee(s). If you are not
> the intended recipient please notify
> <postmaster(at)palaemon.demon.co.uk>
> and the sender by return and permanently delete the message.
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> its attachments to any third party without the prior consent
> of the sender.
>
> --
>

26986. RE: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 14:36:17 UTC
From: Michael Walker (VA3MW)
Topic: 26973 Message: 26986

Hi Ed

Thanks, and I am bringing this forward not to single you out and I am glad you asked the question. You are now much wiser. What scares me is those that don't ask the question. J

I was pretty sure of the answer you were going to bring forward.

73 and good dx.

Mike VA3MW

From: Ed Metzler [mailto:edward@...]
Sent: Thursday, July 23, 2009 9:23 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

I received my license several years ago, and shortly after moved into a covenant restricted subdivision, so I spent only a few months on radio. I am just now getting back to it.
But more to your question about the education process, I think it leaves something to be desired. So much of the emphasis is on learning answers to the questions in the pool, and, based on my own experience, very little on making sure you really understand the principles. I did take a class for Technician, but really could have passed just using the books that explain answers to the pool questions.
You could argue that if you learn the answers to the pool questions then you have learned quite a bit, and that may be true, but I think the approach could be more geared to learning, then testing to see what you've learned.
I wasn't a technician very long before I passed my General test and the code test. I'm sure I learned a lot during that process, but I've forgotten much of what I learned. Thus, my question.
But it seems that at least one other person on this group agreed that you don't have a carrier unless you either are in CW mode or talking into the microphone, so perhaps my situation isn't unique. And the hams I asked in my community (three of them) didn't understand why it didn't work, either. I do feel like my knowledge of radio is woefully inadequate, but I'm not sure that is an indictment of the system. But the folks on this group really seem to know their way around the hobby. As a guy who learned everything he knows about radio, wave propagation and electronics from the technician and general books, I am quite amazed by your knowledge. And, I very much appreciate your taking the time to answer my question.

Ed/KC9HSY

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Michael Walker \(VA3MW\)" <va3mw@...> wrote:

>
> I've got some concerns with the basics of this question.
>
>
>
> FM, CW or AM. All produce a constant carrier. You can measure swr with any
> of them with FM and CW normally being the same power.
>
>
>
> But, I have to ask. Was the differences between these carrier modes (A1,
F1
> and A3) not taught in the classes you had to take in the Amateur classes
and
> also part of the test for the amateur radio certificate and how each
related
> to the power output from your transmitter?
>
>
>
> I am not targeting the person who had the original post at all. But, I am
> targeting the education process. This is a very basic question that each
> and every amateur needs to understand 100%.
>
>
>
> Mike VA3MW
>
>
>
> From: Paul Graham [mailto:cooldotwebdesign@...]
> Sent: Wednesday, July 22, 2009 6:43 PM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!
>
>
>
>
>
> Hello Peter,
>
> Just out of interest, who told you that tuning on FM doesn't interfere
with
> SSB? Or are you not saying that? Have you ever tuned through VHF on USB
and
> listen to the whistles created from stations transmitting on FM? I use FM
to
> tune, simply because it's convenient (and I don't have a key). I did miss
> the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50
> watts (2E0) AM drops off to about 12 watts. Its going to save me quite a

bit
> of button pushing :)
>
> Paul.
>
> _____
> From: P Grant <ei4hxperimental@...
> <mailto:ei4hxperimental%40eircom.net> >
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> Sent: Thursday, 23 July, 2009 0:09:19
> Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!
>
> Read some of the advise he got before posting here in his original post
!!!
>
> Hello again Ed,
>
> I hope all this advice has helped you understand the facts relating to "no
> output " showing on the meter when you PTT using SSB.
> As you already told us, there is power on PTT on VHF, I presume FM,,,,
>
> Just a small reminder,,, when you are transmitting a signal through your
> "buddipole", to help with tuning,,,, DO NOT USE CW MODE,,, use FM only...
>
> There are far too many thoughtless users tuning on CW, ,,, this is
> transmitting a tone on the frequency while you are making your
adjustments.
> .. Yes readers,,, that is why you can hear constant blasts of "tone", all
> over the bands,,, not so common, or not as long as used to be,,, a lot of
> users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,,
> but still enough to loose that special rare QSO. You can hear lots of
idiots
> tuning on the band, any time there is a pile up,, and these are the people
> who criticise others for not knowing everything.
>
> Enough said Ed,,, use FM, mode for the short transmissions, when "tuning "
> your Buddipole on the HF bands,,, when you get familiar with tuning up the
> "Buddipole", you will laugh at those who cannot use an SWR meter,,, and
> spend hundreds of $$$ on Antennalisers !!!
>
> Hope to work you soon
>
> 73 Peter _____ EI4HX
> ei4hxperimental@ eircom.net
> ----- Original Message -----
> From: Danny Loyd
> To: FT897@yahoogroups. com
> Sent: Wednesday, July 22, 2009 8:48 PM
> Subject: Re: [FT897] Rig's SWR Meter

>
> Do you have a tuner on your radio? >> snip<< Try tuning the radio either
> with a CW tone or in AM until you get your SWR down. Then it should be
okay
> when you transmit on SSB.
>
> Danny
> KE5WDI
>
> _____ _____ _____ __
> From: Ed Metzler <edward@metzlers. net>
> To: FT897@yahoogroups. com
> Sent: Wednesday, July 22, 2009 8:16:15 AM
> Subject: [FT897] Rig's SWR Meter
>
> I posted this question a couple of days ago, then decided I needed to do
> more of my own research, because there has to be something simple I'm
> missing. But I haven't found the answer, even talking to a couple of hams
> who have 857s.
> The problem is the SWR meter on the 897D doesn't react at all when I'm on
> the HF bands (unless I'm talking into the mike). When I'm in FM mode on
the
> VHF bands it works fine. Here is what I am doing: I have my rig hooked up
to
> a Buddistick. The stick is about 9 feet off the ground. Per the
> manufacturer' s instructions, I have the counterpoise wound out about 31
> feet and elevated off the ground about 4 feet. I can hear very well on 40
> meters, and I've made a couple of contacts. But when I try to check my
SWR,
> the meter doesn't move when I key the mike without speaking. I've put it
in
> CW mode to get a constant carrier and keyed the mike, but the needle still
> doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack
> SWR meter and have exactly the same problem. I can't even calibrate it.
I've
> been told to turn my mike gain to 0, and others said to jack it way up.
> Neither had any effect, so I've put it back to the default, 50. One person
> suggested I increase my carrier signal, but I'm not sure how to do that. I
> know I must be missing something simple, but for the life of me I don't
know
> what it is. This isn't my first HF rig, but it's the first time I've had
> this problem. I'd really appreciate your help.
> Ed/KC9HSY
>
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26987. Re: [FT897] Stolen FT897

Yahoo group: FT897 (2009)
Date: 2009-07-23 15:14:42 UTC
From: Darren S
Topic: 26900 Message: 26987

I would have thought that the thieves will sell them separately..

From: Tim McConnell M0THM <tim@...>
To: FT897@yahoogroups.com
Sent: Friday, 17 July, 2009 20:05:18
Subject: [FT897] Stolen FT897

Hi all,
Tuesday evening our store was broken into. Our Yaesu FT897 with LDG AT897 two binatone PMR 446 have been stolen. If you could all keep an eye open for this combination coming up for sale please. It is unlikely the thieves know what they have got so i expect it will turn up on Ebay. also stolen was a PC uses to link the radio with HRD the interface was a G4ZLP USB multiface. The PC itself is machine i built out of spare parts so is basically untraceable. I am sure i have serial numbers somewhere and will post them if i find the safe place i put them in.

Best 73's

Tim MØTHM Scout Leader 1st Ringmer (East Sussex) GØRSG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

26988. Re: car battery

Yahoo group: FT897 (2009)
Date: 2009-07-23 15:29:28 UTC
From: tenorman1952
Topic: 26909 Message: 26988

--- In FT897@yahoogroups.com, "tennesseephil" <philsherrod@...> wrote:
>
> I use a "Battery Tender" (http://www.batterytender.com) to maintain the long-term charge on batteries such as my generator starter battery. The Battery Tender has a controller that monitors the battery voltage and prevents overcharging. I think it also is smart enough to do some intentional voltage cycling which helps the life of batteries. Their "Plus" version monitors ambient temperature and adjusts the voltage it holds the batteries at based on room temperature.
>

I use the Battery Tender from Deltran, too. You can buy these at Batteries Plus stores.

Paul
AE5JU

26989. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 17:55:59 UTC
From: P Grant
Topic: 26973 Message: 26989

Hello Geoff,

Thank you for your input on the parameters of modulation and carrier techniques.

I fully agree, these topics may have been taught to candidates for the basic theoretical knowledge required for the relevant theory levels for admission to the licensed radio hobby !!

Question which must be asked ,,, Was it LEARNED. and understood, in practice.

Unfortunately the days of home brew construction of filters, traps, and oscillators would seem to too "old fashioned" for some, and for others, the importance of topics like these are considered as trivial,,, only good for 6 mark questions in a club quiz. and not used as an integral part of "operating hobby radio"

I personally never had to learn the theory of "DSP",,, but although I do not use it,,, I read up on the subject, enough to understand how it works. [in theory]

I would feel much more at home building a "noise filter", for whatever band I was having interference.

It really amazes me when I read posts from people who claim to be "nubies" ??? but have shelves full of oscilloscopes, and analysers. Yet are asking for help on topics which they should know, with the lowest level of qualification. Do we blame the training system, or the people who set the standard for the exam questions,,,

Geoff, could you imagine a teacher telling the class,,, this is on the syllabus,,, but is never on the question list ?????

Or have you seen or heard heated arguments, on the topic of "publishing the questions, and answers"

My o my, how attitudes have changed. How vast the improvements in technology !!! but still the basics of electron migration and propagation are still the same,,, even though sometimes considered "obsolete" and "unnecessary" in today's digital age.

Amateur Radio is considered a hobby, including self training in acquired skills and knowledge, but is being allowed to slide into a contest of "how much you paid for the latest black box", it is a hands on practical application of your knowledge and skill, in using the equipment you have, to the best advantage.[and reading the instruction manual]

In every aspect of the hobby, it now seems that if you buy the most expensive stuff, it will go on its own, and you can sit back and fill in the log, at leisure.,,, where is the skill in that !!!

This is probably too far off topic , and much too drawn out ranting from my favourite soap box, so to avoid being of offence to anyone personally, I apologise for my beliefs, but am not forcing anyone to share them out of necessity.

I just like my radio to be a learning experience each time I use the bands !

Best regards to all _____ Peter EI4HX
ei4hxperimental@...
----- Original Message -----
From: Geoff Blake
To: FT897@yahoogroups.com
Sent: Thursday, July 23, 2009 1:08 PM
Subject: RE: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

On Thu, 23 Jul 2009, Michael Walker (VA3MW) wrote:

> I've got some concerns with the basics of this question.
>
>
>
> FM, CW or AM. All produce a constant carrier. You can measure swr with any
> of them with FM and CW normally being the same power.
>
>
>
> But, I have to ask. Was the differences between these carrier modes (A1, F1
> and A3) not taught in the classes you had to take in the Amateur classes and
> also part of the test for the amateur radio certificate and how each related
> to the power output from your transmitter?
>

A1 or CW, the modulation is conveyed by transmitting either a full carrier (key down) or no carrier (key up).

A3 or AM, the modulation is conveyed by transmitted by varying the carrier amplitude to represent the audio signal. Typically, the higher the positive amplitude of the modulating signal, the higher the carrier level, the higher the negative amplitude, the lower the carrier level. Because of this, normally the resting carrier level (no modulation) is at half the peak carrier level in terms of voltage.

In the case of AM, the percentage (depth of) mosulation can vary between perhaps 30% on some broadast services to close to 100% for communication services.

F3 or FM, the modulation is conveyed by varying the frequency of the carrier. Typically, the higher the positive amplitude of the modulating signal, the higher the carrier frequency, the higher the negative amplitude, the lower the carrier frequency. With no modulation, the carrier frequency is at the nominal frequency.

In the case of F3, the movement (deviation) of the carrier frequency for audio cen be between perhaps 3kHz for communication to as much as 100kHz for broadcast audio.

I would have thought that all licenced amateurs should know this.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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26990. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 17:40:15 UTC
From: Thomas Wilson
Topic: 26973 Message: 26990

I took my General exam about 3 months ago, and I don't remember
specific questions about modulation... but I have a notoriously short
memory.

Interestingly enough, I learned most of my radio theory from a book on
CB communications that was written back when CB radios had 23
channels. That's where I learned about AM, SSB, propogation,
wavelength, and antenna design.

On Thu, Jul 23, 2009 at 10:55 AM, P Grant<ei4hxperimental@...> wrote:
>
>
> Hello Geoff,
>
> Thank you for your input on the parameters of modulation and carrier
> techniques.
>
> I fully agree, these topics may have been taught to candidates for the basic
> theoretical knowledge required for the relevant theory levels for admission
> to the licensed radio hobby !!
--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26991. Re: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 18:35:58 UTC
From: Geoff Blake
Topic: 26973 Message: 26991

On Thu, 23 Jul 2009, Ed Metzler wrote:

> I think you'd surprised at the amatuers who wouldn't understand your
> answer. A lot of people get their tech license to get off of CB and on
> to 2 meters, which is beginning to sound a lot like CB, unfortunately. I
> don't mean to paint my own community with a broad brush, because there
> are a lot of very knowledgeable hams out there. But I think there are
> many who just did what it took to get a tech license, and you can do
> that without learning all the ins and outs. And if you never have any
> intentions of getting your General ticket and into HF, it doesn't take
> long to forget what you've learned. You buy a mobile rig, buy an antenna
> and you're on the air. Doesn't take much to do that.

Really Ed, I don't think that I would be surprised, but I also agree with
you that there are quite a few very clever amateurs about. My main
interest is microwave operating (even though I have a FT897D) and I am
acquainted with some extremely knowledgeable amateurs from both sides of
the Atlantic.

I do think that amateurs, of whatever grade licence, should seek to
improve their knowledge - I mean, the purpose of amateur privileges is
self-training, or at least it is so in the UK.

73 Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
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26992. Re: [FT897] Stolen FT897

Yahoo group: FT897 (2009)
Date: 2009-07-23 18:30:10 UTC
From: darren pitman
Topic: 26900 Message: 26992

can i just add i have for sale on ebay an 897d bought from ml and s at the llandudno rally if anyone is checking ebay just to clarify cheers mwodua

--- On Thu, 23/7/09, Darren S <Darrenls21@...> wrote:

From: Darren S <Darrenls21@...>
Subject: Re: [FT897] Stolen FT897
To: FT897@yahoogroups.com
Date: Thursday, 23 July, 2009, 11:14 AM

I would have thought that the thieves will sell them separately..

---------- --------- --------- --
From: Tim McConnell M0THM <tim@...>
To: FT897@yahoogroups. com
Sent: Friday, 17 July, 2009 20:05:18
Subject: [FT897] Stolen FT897

Hi all,
Tuesday evening our store was broken into. Our Yaesu FT897 with LDG AT897 two binatone PMR 446 have been stolen. If you could all keep an eye open for this combination coming up for sale please. It is unlikely the thieves know what they have got so i expect it will turn up on Ebay. also stolen was a PC uses to link the radio with HRD the interface was a G4ZLP USB multiface. The PC itself is machine i built out of spare parts so is basically untraceable. I am sure i have serial numbers somewhere and will post them if i find the safe place i put them in.

Best 73's

Tim MØTHM Scout Leader 1st Ringmer (East Sussex) GØRSG

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[Non-text portions of this message have been removed]

26993. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 21:48:31 UTC
From: Geoff Blake
Topic: 26973 Message: 26993

On Thu, 23 Jul 2009, P Grant wrote:

> Hello Geoff,

Hi Peter, are you one of the EI stations who are equipping themselves for 10GHz?
>
> Thank you for your input on the parameters of modulation and carrier
> techniques.
>
> I fully agree, these topics may have been taught to candidates for the
> basic theoretical knowledge required for the relevant theory levels for
> admission to the licensed radio hobby !!
>
> Question which must be asked ,,, Was it LEARNED. and understood, in
> practice.

Well I have acted as a tutor for the UK's Foundation and Intermediate licences and certainly modulation techniques is taught on both levels.
>
> Unfortunately the days of home brew construction of filters, traps, and
> oscillators would seem to too "old fashioned" for some, and for others,
> the importance of topics like these are considered as trivial,,, only
> good for 6 mark questions in a club quiz. and not used as an integral
> part of "operating hobby radio"

Yes this is rather unfortunate.
>
> I personally never had to learn the theory of "DSP",,, but although I do
> not use it,,, I read up on the subject, enough to understand how it
> works. [in theory]

Hmm, I do use my 897's DSP, but I would not be able to design and build one from scratch, but I know enough to know where to look to design using appropriate chips - at least I think I do!
>
> I would feel much more at home building a "noise filter", for whatever
> band I was having interference.
>
> It really amazes me when I read posts from people who claim to be
> "nubies" ??? but have shelves full of oscilloscopes, and analysers. Yet
> are asking for help on topics which they should know, with the lowest
> level of qualification. Do we blame the training system, or the people
> who set the standard for the exam questions,,,
>
> Geoff, could you imagine a teacher telling the class,,, this is on the

> syllabus,,, but is never on the question list ?????

In the UK, there are growing question pools for each level of exam, but
they are not published.
>
> Or have you seen or heard heated arguments, on the topic of "publishing
> the questions, and answers"

Yes
>
> My o my, how attitudes have changed. How vast the improvements in
> technology !!! but still the basics of electron migration and
> propagation are still the same,,, even though sometimes considered
> "obsolete" and "unnecessary" in today's digital age.
>
> Amateur Radio is considered a hobby, including self training in acquired
> skills and knowledge, but is being allowed to slide into a contest of
> "how much you paid for the latest black box", it is a hands on practical
> application of your knowledge and skill, in using the equipment you
> have, to the best advantage.[and reading the instruction manual]

This is regrettably so, to win a contest requires the skills of obtaining
the best location, the highest and biggest aerial and best radio - and
putting them all together. I'm glad that I am not into contests!
>
> In every aspect of the hobby, it now seems that if you buy the most
> expensive stuff, it will go on its own, and you can sit back and fill in
> the log, at leisure.,,, where is the skill in that !!!

I would suggest that the microwave scene is not like that. In fact there
is very little commercial equipment above 23cm (only DEMI and DB6NT)
>
> This is probably too far off topic , and much too drawn out ranting from
> my favourite soap box, so to avoid being of offence to anyone
> personally, I apologise for my beliefs, but am not forcing anyone to
> share them out of necessity.

Your beliefs are a right, and I probably agree with many of them.....
>
> I just like my radio to be a learning experience each time I use the
> bands !
>
> Best regards to all _________ Peter EI4HX
> ei4hxperimental@...

73 Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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See <http://www.gnu.org/philosophy/no-word-attachments.html>

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of the sender.

26994. Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 22:06:54 UTC
From: Ed Metzler
Topic: 26973 Message: 26994

You are 100% right, Geoff, and I don't mean to imply that the "system" is to blame for my ignorance. I'm just getting back into radio and am trying to get up to speed. I have the tech and general books on hold at the library (I donated mine to the local radio club when I moved). Yes, hams should seek to improve their knowledge. Your point, though I don't think is was directed at me personally, is well-taken.
Ed/KC9HSY

--- In FT897@...m, Geoff Blake <geoff@...> wrote:
>
> On Thu, 23 Jul 2009, Ed Metzler wrote:
>
> > I think you'd surprised at the amatuers who wouldn't understand your
> > answer. A lot of people get their tech license to get off of CB and on
> > to 2 meters, which is beginning to sound a lot like CB, unfortunately. I
> > don't mean to paint my own community with a broad brush, because there
> > are a lot of very knowledgeable hams out there. But I think there are
> > many who just did what it took to get a tech license, and you can do
> > that without learning all the ins and outs. And if you never have any
> > intentions of getting your General ticket and into HF, it doesn't take
> > long to forget what you've learned. You buy a mobile rig, buy an antenna
> > and you're on the air. Doesn't take much to do that.
>
> Really Ed, I don't think that I would be surprised, but I also agree with
> you that there are quite a few very clever amateurs about. My main
> interest is microwave operating (even though I have a FT897D) and I am
> acquainted with some extremely knowledgeable amateurs from both sides of
> the Atlantic.
>
> I do think that amateurs, of whatever grade licence, should seek to
> improve their knowledge - I mean, the purpose of amateur privileges is
> self-training, or at least it is so in the UK.
>
> 73 Geoff
> --
> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>
> Please avoid sending me Word or PowerPoint attachments.
> See <http://www.gnu.org/philosophy/no-word-attachments.html>
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> of the sender.
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> ---
>

26995. Re: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 22:45:10 UTC
From: Thomas Wilson
Topic: 26973 Message: 26995

Well, let's be honest: this very thing is the source of much debate, frustration, and occasional flare-up elsewhere.

It's part of the fundamental question of "what is ham radio?" It means different things to different people, and I think it's important to remember that we all have different levels of technical knowledge.

So you forgot a technical detail. Big whoop. We all do that. The key is that you knew what to do about it. You asked questions and applied the answers.

I don't expect every ham to know the technical details of every rig. As long as he can operate that rig without interfering with other people or putting someone in danger, I have no right or reason to even care about what he's doing. However, too many people see it differently; they see themselves as the guardians of tradition, and they want to belittle anyone who doesn't meet their standards or do things their way.

I don't say that to demean anybody here, and I'm NOT pointing fingers. But you've all seen the attitude.

Fortunately, it's a big world, and there's room for all of us - even the ones who don't want us here. :-)

On Thu, Jul 23, 2009 at 3:06 PM, Ed Metzler<edward@...> wrote:
>
>
> You are 100% right, Geoff, and I don't mean to imply that the "system" is to
> blame for my ignorance. I'm just getting back into radio and am trying to
> get up to speed. I have the tech and general books on hold at the library (I
> donated mine to the local radio club when I moved). Yes, hams should seek to
> improve their knowledge. Your point, though I don't think is was directed at
> me personally, is well-taken.
> Ed/KC9HSY
>
> --- In FT897@yahoogroups.com, Geoff Blake <geoff@...> wrote:
>>
>> On Thu, 23 Jul 2009, Ed Metzler wrote:
>>
>> > I think you'd surprised at the amatuers who wouldn't understand your
>> > answer. A lot of people get their tech license to get off of CB and on
>> > to 2 meters, which is beginning to sound a lot like CB, unfortunately. I
>> > don't mean to paint my own community with a broad brush, because there
>> > are a lot of very knowledgeable hams out there. But I think there are
>> > many who just did what it took to get a tech license, and you can do

>> > that without learning all the ins and outs. And if you never have any
>> > intentions of getting your General ticket and into HF, it doesn't take
>> > long to forget what you've learned. You buy a mobile rig, buy an antenna
>> > and you're on the air. Doesn't take much to do that.
>>
>> Really Ed, I don't think that I would be surprised, but I also agree with
>> you that there are quite a few very clever amateurs about. My main
>> interest is microwave operating (even though I have a FT897D) and I am
>> acquainted with some extremely knowledgeable amateurs from both sides of
>> the Atlantic.
>>
>> I do think that amateurs, of whatever grade licence, should seek to
>> improve their knowledge - I mean, the purpose of amateur privileges is
>> self-training, or at least it is so in the UK.
>>
>> 73 Geoff
>> --
>> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
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>>
>> ----------
>>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

26996. Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-23 23:35:29 UTC
From: kbrown1075
Topic: 26973 Message: 26996

BRAVO!!!!

Kirk, N1TVF

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Well, let's be honest: this very thing is the source of much debate,
> frustration, and occasional flare-up elsewhere.
>
> It's part of the fundamental question of "what is ham radio?" It means
> different things to different people, and I think it's important to
> remember that we all have different levels of technical knowledge.
>
> So you forgot a technical detail. Big whoop. We all do that. The key
> is that you knew what to do about it. You asked questions and applied
> the answers.
>
> I don't expect every ham to know the technical details of every rig.
> As long as he can operate that rig without interfering with other
> people or putting someone in danger, I have no right or reason to even
> care about what he's doing. However, too many people see it
> differently; they see themselves as the guardians of tradition, and
> they want to belittle anyone who doesn't meet their standards or do
> things their way.
>
> I don't say that to demean anybody here, and I'm NOT pointing fingers.
> But you've all seen the attitude.
>
> Fortunately, it's a big world, and there's room for all of us - even
> the ones who don't want us here. :-)
>
>

26997. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-24 00:38:57 UTC
From: P Grant
Topic: 26973 Message: 26997

Hello again Geoff,
I have replied to you off list, for a chat on other things.
73's all Peter _______ EI4HX
----- Original Message -----
From: Geoff Blake
To: FT897@yahoogroups.com
Sent: Thursday, July 23, 2009 9:48 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

On Thu, 23 Jul 2009, P Grant wrote:

> Hello Geoff,

Hi Peter, are you one of the EI stations who are equipping themselves for
10GHz? << YES>> ???
>
> Thank you for your input on the parameters of modulation and carrier
> techniques.
>
> I fully agree, these topics may have been taught to candidates for the
> basic theoretical knowledge required for the relevant theory levels for
> admission to the licensed radio hobby !!
>
> Question which must be asked ,,, Was it LEARNED. and understood, in
> practice.

Well I have acted as a tutor for the UK's Foundation and Intermediate
licences and certainly modulation techniques is taught on both levels.
>
> Unfortunately the days of home brew construction of filters, traps, and
> oscillators would seem to too "old fashioned" for some, and for others,
> the importance of topics like these are considered as trivial,,, only
> good for 6 mark questions in a club quiz. and not used as an integral
> part of "operating hobby radio"

Yes this is rather unfortunate.
>
> I personally never had to learn the theory of "DSP",,, but although I do
> not use it,,, I read up on the subject, enough to understand how it
> works. [in theory]

Hmm, I do use my 897's DSP, but I would not be able to design and build
one from scratch, but I know enough to know where to look to design using
appropriate chips - at least I think I do!
>
> I would feel much more at home building a "noise filter", for whatever

> band I was having interference.
>
> It really amazes me when I read posts from people who claim to be
> "nubies" ??? but have shelves full of oscilloscopes, and analysers. Yet
> are asking for help on topics which they should know, with the lowest
> level of qualification. Do we blame the training system, or the people
> who set the standard for the exam questions,,,
>
> Geoff, could you imagine a teacher telling the class,,, this is on the
> syllabus,,, but is never on the question list ?????

In the UK, there are growing question pools for each level of exam, but
they are not published.
>
> Or have you seen or heard heated arguments, on the topic of "publishing
> the questions, and answers"

Yes
>
> My o my, how attitudes have changed. How vast the improvements in
> technology !!! but still the basics of electron migration and
> propagation are still the same,,, even though sometimes considered
> "obsolete" and "unnecessary" in today's digital age.
>
> Amateur Radio is considered a hobby, including self training in acquired
> skills and knowledge, but is being allowed to slide into a contest of
> "how much you paid for the latest black box", it is a hands on practical
> application of your knowledge and skill, in using the equipment you
> have, to the best advantage.[and reading the instruction manual]

This is regrettably so, to win a contest requires the skills of obtaining
the best location, the highest and biggest aerial and best radio - and
putting them all together. I'm glad that I am not into contests!
>
> In every aspect of the hobby, it now seems that if you buy the most
> expensive stuff, it will go on its own, and you can sit back and fill in
> the log, at leisure.,,, where is the skill in that !!!

I would suggest that the microwave scene is not like that. In fact there
is very little commercial equipment above 23cm (only DEMI and DB6NT)
>
> This is probably too far off topic , and much too drawn out ranting from
> my favourite soap box, so to avoid being of offence to anyone
> personally, I apologise for my beliefs, but am not forcing anyone to
> share them out of necessity.

Your beliefs are a right, and I probably agree with many of them.....
>
> I just like my radio to be a learning experience each time I use the
> bands !
>

> Best regards to all _____ Peter EI4HX
> ei4hxperimental@...

73 Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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[Non-text portions of this message have been removed]

26998. Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-24 00:03:27 UTC
From: Hank
Topic: 26973 Message: 26998

Thanks Tom, I couldn't have said it better myself. It seems that over the last few months, there has been an aggressive attitude looming. If some of the questions seem basic so what, it's not their fault, they passed their test. At least they are asking! After all, this is a message board and I thought one of the main purposes was to ask questions if you need help and answer questions if you are able to help. If people ask questions and get help, then they become a better operator. But if they feel they will be mocked, then many will stop asking, and that's the wrong answer.

Just my opinion.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Well, let's be honest: this very thing is the source of much debate,
> frustration, and occasional flare-up elsewhere.
>
> It's part of the fundamental question of "what is ham radio?" It means
> different things to different people, and I think it's important to
> remember that we all have different levels of technical knowledge.
>
> So you forgot a technical detail. Big whoop. We all do that. The key
> is that you knew what to do about it. You asked questions and applied
> the answers.
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> I don't expect every ham to know the technical details of every rig.
> As long as he can operate that rig without interfering with other
> people or putting someone in danger, I have no right or reason to even
> care about what he's doing. However, too many people see it
> differently; they see themselves as the guardians of tradition, and
> they want to belittle anyone who doesn't meet their standards or do
> things their way.
>
> I don't say that to demean anybody here, and I'm NOT pointing fingers.
> But you've all seen the attitude.
>
> Fortunately, it's a big world, and there's room for all of us - even
> the ones who don't want us here. :-)
>
>
> On Thu, Jul 23, 2009 at 3:06 PM, Ed Metzler<edward@...> wrote:
> >
> >
> > You are 100% right, Geoff, and I don't mean to imply that the "system" is to
> > blame for my ignorance. I'm just getting back into radio and am trying to
> > get up to speed. I have the tech and general books on hold at the library (I

> > donated mine to the local radio club when I moved). Yes, hams should seek to
> > improve their knowledge. Your point, though I don't think is was directed at
> > me personally, is well-taken.
> > Ed/KC9HSY
> >
> > --- In FT897@yahoogroups.com, Geoff Blake <geoff@> wrote:
> >>
> >> On Thu, 23 Jul 2009, Ed Metzler wrote:
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> >> > I think you'd surprised at the amatuers who wouldn't understand your
> >> > answer. A lot of people get their tech license to get off of CB and on
> >> > to 2 meters, which is beginning to sound a lot like CB, unfortunately. I
> >> > don't mean to paint my own community with a broad brush, because there
> >> > are a lot of very knowledgeable hams out there. But I think there are
> >> > many who just did what it took to get a tech license, and you can do
> >> > that without learning all the ins and outs. And if you never have any
> >> > intentions of getting your General ticket and into HF, it doesn't take
> >> > long to forget what you've learned. You buy a mobile rig, buy an antenna
> >> > and you're on the air. Doesn't take much to do that.
> >>
> >> Really Ed, I don't think that I would be surprised, but I also agree with
> >> you that there are quite a few very clever amateurs about. My main
> >> interest is microwave operating (even though I have a FT897D) and I am
> >> acquainted with some extremely knowledgeable amateurs from both sides of
> >> the Atlantic.
> >>
> >> I do think that amateurs, of whatever grade licence, should seek to
> >> improve their knowledge - I mean, the purpose of amateur privileges is
> >> self-training, or at least it is so in the UK.
> >>
> >> 73 Geoff
> >> --
> >> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
> >> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
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> >> ----------
> >>
> >
> >
>
>
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>

26999. ft 897 only please

Yahoo group: FT897 (2009)
Date: 2009-07-24 00:43:20 UTC
From: customgraphics!
Topic: 26999 Message: 26999

please limit this group to ft897-related questions...

there has got to be a ham radio q&a group somewhere else... prolly a HRD, J pole, & g5rv too...

this group supports the 897 and if we get "too much to read" ppl will quit.

if your post doesn't have "897" in it, please find another way to ask :)

27000. Re: [FT897] ft 897 only please

Yahoo group: FT897 (2009)
Date: 2009-07-24 01:21:35 UTC
From: Randy Charles Ford
Topic: 26999 Message: 27000

"This Group is dedicated to the discussion, operation, and application of the Yaesu FT-897 FT-897D amateur radios. Civility is very important in this group."

Most people on this list seem to think it germane to discuss how to get your rig working in your environment, which of course includes your antenna system, power supply, and physical environment. Many, many, times people post here thinking that they have a problem with one component, only to find after discussion that the problem is elsewhere.

This is a moderated group, and the moderator has show good judgment on when to end threads. Most mail clients have the ability to allow one to kill threads based on subject if one finds them getting too annoying. I find the next button to be sufficeint..

One of the guidelines of this group is to post your call sign.

73,
kg4jix randy.

On Thursday 23 July 2009 19:43:20 customgraphics! wrote:
> please limit this group to ft897-related questions...
>
> there has got to be a ham radio q&a group somewhere else... prolly a HRD, J
> pole, & g5rv too...
>
> this group supports the 897 and if we get "too much to read" ppl will quit.
>
> if your post doesn't have "897" in it, please find another way to ask :)

27001. Astron RS-20A

Yahoo group: FT897 (2009)
Date: 2009-07-22 23:08:22 UTC
From: elbertmason
Topic: 27001 Message: 27001

Hi all:
Would an Astron Rs-20a work well with a ft-897d?

Thanks
Elmer
KC4YFA

27002. Is it normal for cooling fans to run anytime one is in tx mode?

Yahoo group: FT897 (2009)
Date: 2009-07-23 20:39:44 UTC
From: Marshall Stax
Topic: 27002 Message: 27002

Hi... I just bought a used 897D (Sept. 2006 vintage) and as I'm checking it out I notice the cooling fan(s) always run, at any output power, even 5 watts, when in transmit mode. Is this normal?

I'd expect it at high power, or after some time in tx mode, but the fan(s) run every time when transmitting.

27003. Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yahoo group: FT897 (2009)
Date: 2009-07-24 03:03:29 UTC
From: Ken Bandy
Topic: 27002 Message: 27003

Yes, evidently that is normal operation. On both my FT897D and non-D units, the fan will run as soon as it goes into x-mit, and then a few seconds after it goes back to receive, the fan stops. This is at any power level.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "Marshall Stax" <robins@...> wrote:
>
> Hi... I just bought a used 897D (Sept. 2006 vintage) and as I'm checking it out I notice the cooling fan(s) always run, at any output power, even 5 watts, when in transmit mode. Is this normal?
>
> I'd expect it at high power, or after some time in tx mode, but the fan(s) run every time when transmitting.
>

27004. Re: [FT897] Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yahoo group: FT897 (2009)
Date: 2009-07-24 03:09:48 UTC
From: Gary Altig
Topic: 27002 Message: 27004

DE N7UVL,
I've noticed that all the newer Yaesu Radios with fans,
fans go on during transmit regardless as to the power
setting. I have 4 other Yaesus that do the same thing./ga

----- Original Message -----
From: Ken Bandy<mailto:kj9b@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, July 23, 2009 8:03 PM
Subject: [FT897] Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yes, evidently that is normal operation. On both my FT897D and non-D units, the fan will run as soon as it goes into x-mit, and then a few seconds after it goes back to receive, the fan stops. This is at any power level.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Marshall Stax" <robins@...> wrote:
>
> Hi... I just bought a used 897D (Sept. 2006 vintage) and as I'm checking it out I notice the cooling fan(s) always run, at any output power, even 5 watts, when in transmit mode. Is this normal?
>
> I'd expect it at high power, or after some time in tx mode, but the fan(s) run every time when transmitting.
>

[Non-text portions of this message have been removed]

27005. Re: [FT897] Astron RS-20A

Yahoo group: FT897 (2009)
Date: 2009-07-24 05:01:11 UTC
From: customgraphics!
Topic: 27001 Message: 27005

the ft897 will need @ 23 amps for 100 watt outout.

look at the 28 amp jetstream & 35 amp astron :)

wb9ybi :)

----- Original Message -----
From: "elbertmason" <elbertmason@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, July 22, 2009 7:08 PM
Subject: [FT897] Astron RS-20A

Hi all:
Would an Astron Rs-20a work well with a ft-897d?

Thanks
Elmer
KC4YFA

27006. Re: [FT897] Astron RS-20A

Yahoo group: FT897 (2009)
Date: 2009-07-24 05:20:46 UTC
From: Joe
Topic: 27001 Message: 27006

Or..

The Alinco DM-330MV

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "customgraphics!" <renee.thomas@...>
Subject: Re: [FT897] Astron RS-20A

> the ft897 will need @ 23 amps for 100 watt outout.
>
> look at the 28 amp jetstream & 35 amp astron :)

27007. Re: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-24 06:36:02 UTC
From: Geoff Blake
Topic: 26973 Message: 27007

On Thu, 23 Jul 2009, Ed Metzler wrote:

> You are 100% right, Geoff, and I don't mean to imply that the "system"
> is to blame for my ignorance. I'm just getting back into radio and am
> trying to get up to speed. I have the tech and general books on hold at
> the library (I donated mine to the local radio club when I moved). Yes,
> hams should seek to improve their knowledge. Your point, though I don't
> think is was directed at me personally, is well-taken. Ed/KC9HSY

Hi Ed,

I didn't direct my oomments at anybody, certainly not you, except in the
sense that I agree with you.

In the UK there are three classes of licence (excluding club, repeater,
beaon and special event licences etc, which are normally issued as a
variation on a Full licence). There is some low level debate about
allowing one to hole a Foundation (level) licence for a limited perion
only.

Personally, I don't support this idea as, for example, my three offspring,
who hold Foundation licences, are too busy building their lives, families
and careers at the moment, but hopefully, Amateur Radio will be there when
their time permits. I am semi-retired at the moment.

73 Geoff
--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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27008. RE: [FT897] Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yahoo group: FT897 (2009)
Date: 2009-07-24 06:52:59 UTC
From: D. F.
Topic: 27002 Message: 27008

Because, as you are in TX, the finals start to get hot. The way to cool it is to have the fans turn on when transmitting. That is why they go on in TX mode.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Gary Altig
Sent: Thursday, July 23, 2009 22:10
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Is it normal for cooling fans to run anytime one is in tx mode?

DE N7UVL,
I've noticed that all the newer Yaesu Radios with fans,
fans go on during transmit regardless as to the power
setting. I have 4 other Yaesus that do the same thing./ga

----- Original Message -----
From: Ken Bandy<mailto:kj9b@... <mailto:kj9b%40arrl.net> >
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com>
com<mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>
Sent: Thursday, July 23, 2009 8:03 PM
Subject: [FT897] Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yes, evidently that is normal operation. On both my FT897D and non-D units, the fan will run as soon as it goes into x-mit, and then a few seconds after it goes back to receive, the fan stops. This is at any power level.

73,
Ken
KJ9B

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com>
com<mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>,
"Marshall Stax" <robins@...> wrote:
>
> Hi... I just bought a used 897D (Sept. 2006 vintage) and as I'm checking it out I notice the cooling fan(s) always run, at any output power, even 5 watts, when in transmit mode. Is this normal?
>
> I'd expect it at high power, or after some time in tx mode, but the

fan(s) run every time when transmitting.
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27009. Re: FORGET WHAT YOU LEARNED WAY OFF TOPIC !!! [read the original post]

Yahoo group: FT897 (2009)
Date: 2009-07-24 10:35:40 UTC
From: P Grant
Topic: 27009 Message: 27009

TO WHOM IT MAY CONCERN

From Peter Grant, the happy owner of an FT897D.

Here in Ireland we have a thing called the wooden spoon syndrome !

It is a fancy term for a person who is " STIRRING IT"

You can guess what is being stirred !

So as you say your self " you have no right or reason to even care"

Boy that is a great attitude,,,
I like my FT897D.

you say it does not matter if someone forgets the basic rules for using radio !!

I just hope you do not drive an automobile,, with that attitude towards licencing I hope to never meet you on the road,,,, I drive on the left hand side of the road,,, in your country they are supposed to drive on the right,,,, you don't mind if now and then someone drives down your street, on the wrong side,,, sure they can ask someone which is the right way later,,, just as long as they knew they should ask if they forgot the basics.

Modern radio licensing Examinations allow a fair amount of leeway, in obtaining a pass.
In some countries that allows for 40% of the answers to be totally incorrect, and a mere 60% correct for a pass.

Thats all fine and dandy until the knowledge missing in the 40% failure becomes the normal thing, and is allowed to go on un checked.
I use my FT897D nearly every day.

This could equate that at any time, in any group,,, 60% knew all the information,,, and 40% knew nothing.on average.

I know it's an anomaly,,, BUT,,, would it work in the case of the driving test being OK, with a 60% information level, and be allowed to ask someone who is a good driver, where they went wrong,,, if they kill someone, while going through a red light.

OK,,, so the comparison is not a fair one,,, but still,,, you cannot hide the truth, OK,,, it's only a hobby,,, so is bee-keeping, and sky diving,, they also have their own rules, and if they are "forgot", there can be dire circumstances for everyone.

I like my FT897D, and always try to help anyone with a problem, with a full answer to the best of my ability.

I do not deliberately cross question someone else who has answered a question on this forum,,, I drew attention to the "hopeless answers", which he got off forum.

[read the original post]

I freely admit, that at my age I do need to look back at formulae which I have not used for several years,,, but as in the case of forgeting even 1% of the rules of the road,,,, then it is time I throw in the towel. I don't belong behind a wheel.

QUESTION ???

If you had a 60% pass in your driving test,,, would you be good enough to teach others ???

I passed my C&G RAE, theory exam in 1983, [96%] my first callsign was GI1NKT.I am not perfect, hopeless at spelling, and I love my radio hobby. Why should I challenge someone else's "answers" I also try to learn something new as often as I can.

As someone said,,, this is the cause of much debate ???

Thanks to everyone for their concern. Peter _____ EI4HX / GI0UGW

ei4hxperimental@... FIN.

----- Original Message -----
From: Thomas Wilson
To: FT897@yahoogroups.com
Sent: Thursday, July 23, 2009 10:45 PM
Subject: Re: [FT897] Re: Rig's SWR Meter SEE ORIGINAL POST !!!

Well, let's be honest: this very thing is the source of much debate, frustration, and occasional flare-up elsewhere.

It's part of the fundamental question of "what is ham radio?" It means different things to different people, and I think it's important to remember that we all have different levels of technical knowledge.

So you forgot a technical detail. Big whoop. We all do that. The key is that you knew what to do about it. You asked questions and applied the answers.

I don't expect every ham to know the technical details of every rig. As long as he can operate that rig without interfering with other people or putting someone in danger, I have no right or reason to even care about what he's doing. However, too many people see it differently; they see themselves as the guardians of tradition, and they want to belittle anyone who doesn't meet their standards or do things their way.

I don't say that to demean anybody here, and I'm NOT pointing fingers. But you've all seen the attitude.

Fortunately, it's a big world, and there's room for all of us - even the ones who don't want us here. :-)

On Thu, Jul 23, 2009 at 3:06 PM, Ed Metzler<edward@...> wrote:
>
>

> You are 100% right, Geoff, and I don't mean to imply that the "system" is to
> blame for my ignorance. I'm just getting back into radio and am trying to
> get up to speed. I have the tech and general books on hold at the library (I
> donated mine to the local radio club when I moved). Yes, hams should seek to
> improve their knowledge. Your point, though I don't think is was directed at
> me personally, is well-taken.
> Ed/KC9HSY
>
> --- In FT897@yahoogroups.com, Geoff Blake <geoff@...> wrote:
>>
>> On Thu, 23 Jul 2009, Ed Metzler wrote:
>>
>> > I think you'd surprised at the amatuers who wouldn't understand your
>> > answer. A lot of people get their tech license to get off of CB and on
>> > to 2 meters, which is beginning to sound a lot like CB, unfortunately. I
>> > don't mean to paint my own community with a broad brush, because there
>> > are a lot of very knowledgeable hams out there. But I think there are
>> > many who just did what it took to get a tech license, and you can do
>> > that without learning all the ins and outs. And if you never have any
>> > intentions of getting your General ticket and into HF, it doesn't take
>> > long to forget what you've learned. You buy a mobile rig, buy an antenna
>> > and you're on the air. Doesn't take much to do that.
>>
>> Really Ed, I don't think that I would be surprised, but I also agree with
>> you that there are quite a few very clever amateurs about. My main
>> interest is microwave operating (even though I have a FT897D) and I am
>> acquainted with some extremely knowledgeable amateurs from both sides of
>> the Atlantic.
>>
>> I do think that amateurs, of whatever grade licence, should seek to
>> improve their knowledge - I mean, the purpose of amateur privileges is
>> self-training, or at least it is so in the UK.
>>
>> 73 Geoff
>> --
>> Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
>> Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
>> Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms
>>
>> Please avoid sending me Word or PowerPoint attachments.
>> See <http://www.gnu.org/philosophy/no-word-attachments.html>
>> --
>>
>> This E-mail and any attachment(s) are strictly confidential
>> and is intended solely for the addressee(s). If you are not
>> the intended recipient please notify
>> <postmaster(at)palaemon.demon.co.uk>
>> and the sender by return and permanently delete the message.
>>
>> You may not disclose, forward or copy this E-mail or any of

>> its attachments to any third party without the prior consent
>> of the sender.
>>
>> --
>>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

27010. RE: [FT897] Astron RS-20A

Yahoo group: FT897 (2009)
Date: 2009-07-24 14:08:47 UTC
From: Michael Walker (VA3MW)
Topic: 27001 Message: 27010

A 20amp power supply will work just fine unless you are going to do RTTY contesting at full power. If you want to do RTTY, the drop back to 50 watts and live with the signal that is 3db less.

We have run 20a PS on all of our HF rigs in many contests running at 100watts for both ssb and cw and never had a problem. I have had great success with the Astron RS20A and the Alinco switching supply (again for contesting). Both are great value for the money.

Moving to a higher amperage supply isn't a bad thing at all, but don't spend the money unless you want to or really need the power requirement.

Mike VA3MW

-----Original Message-----
From: customgraphics! [mailto:renee.thomas@...]
Sent: Friday, July 24, 2009 1:01 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Astron RS-20A

the ft897 will need @ 23 amps for 100 watt outout.

look at the 28 amp jetstream & 35 amp astron :)

wb9ybi :)

----- Original Message -----
From: "elbertmason" <elbertmason@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, July 22, 2009 7:08 PM
Subject: [FT897] Astron RS-20A

Hi all:
Would an Astron Rs-20a work well with a ft-897d?

Thanks
Elmer
KC4YFA

Yahoo! Groups Links

27011. Re: [FT897] Astron RS-20A

Yahoo group: FT897 (2009)
Date: 2009-07-24 12:52:51 UTC
From: Phil
Topic: 27001 Message: 27011

works fine for me.

Phil
K3FOD
On Wed, Jul 22, 2009 at 7:08 PM, elbertmason <elbertmason@...> wrote:

>
>
> Hi all:
> Would an Astron Rs-20a work well with a ft-897d?
>
> Thanks
> Elmer
> KC4YFA
>
>
>

[Non-text portions of this message have been removed]

27012. Re: Is it normal for cooling fans to run anytime one is in tx mode?

Yahoo group: FT897 (2009)
Date: 2009-07-24 07:57:57 UTC
From: Marshall Stax
Topic: 27002 Message: 27012

Thanks for the replies... I understand the function of the fans; I was just surprised that, even at QRP levels, they run from the very start (and at full-speed, apparently).

Thanks, again

~Robin, N6RLS

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Because, as you are in TX, the finals start to get hot. The way to cool
> it is to have the fans turn on when transmitting. That is why they go
> on in TX mode.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Gary Altig
> Sent: Thursday, July 23, 2009 22:10
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Re: Is it normal for cooling fans to run anytime
> one is in tx mode?
>
>
> DE N7UVL,
> I've noticed that all the newer Yaesu Radios with fans,
> fans go on during transmit regardless as to the power
> setting. I have 4 other Yaesus that do the same thing./ga
>
> ----- Original Message -----
> From: Ken Bandy<mailto:kj9b@... <mailto:kj9b%40arrl.net> >
> To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com>
> com<mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>
> Sent: Thursday, July 23, 2009 8:03 PM
> Subject: [FT897] Re: Is it normal for cooling fans to run anytime one is
> in tx mode?
>
> Yes, evidently that is normal operation. On both my FT897D and non-D
> units, the fan will run as soon as it goes into x-mit, and then a few
> seconds after it goes back to receive, the fan stops. This is at any
> power level.
>
> 73,
> Ken
> KJ9B
>

> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com>
> com<mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>,
> "Marshall Stax" <robins@> wrote:
> >
> > Hi... I just bought a used 897D (Sept. 2006 vintage) and as I'm
> checking it out I notice the cooling fan(s) always run, at any output
> power, even 5 watts, when in transmit mode. Is this normal?
> >
> > I'd expect it at high power, or after some time in tx mode, but the
> fan(s) run every time when transmitting.
> >
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>

27013. Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-24 16:25:38 UTC
From: Frank Krasnicki
Topic: 27013 Message: 27013

I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
Frank - K1CRU

27014. RE: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-24 18:35:00 UTC
From: D. F.
Topic: 27013 Message: 27014

There are 2 ports. One is the CAT the other is DATA. For FTBASICMMO, you need to use the DATA port - NOT the CAT port.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Frank Krasnicki
Sent: Friday, July 24, 2009 11:26
To: FT897@yahoogroups.com
Subject: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
Frank - K1CRU

[Non-text portions of this message have been removed]

27015. Re: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-24 19:50:21 UTC
From: Thomas Wilson
Topic: 27013 Message: 27015

That would be a difficult mistake to make; the CAT cable won't fit in the data port.

Having said that...

Yaesu has a relationship with RT systems. RT is the developer of the software that comes with the Yaesu programming kits, so it's natural for Vertex to encourage users to buy their package, rather than a third party product.

The usual rule in these situations is for one vendor to blame another; it happens all the time in the sofware world. As a software engineer, I'm often caught between bugs in MS software and problems in my product. We usually end up footing the bill to fix our software to work around Microsoft's problems.

It sounds like you may have to send the radio back to Vertex to have the EEProm wiped and re-written, and then you'll have to choose whether to continue to use Bob's program or buy the RT data systems program.

I would also strongly encourage you to contact Bob Freeth G4HFQ and tell him about the issue. Even if he doesn't have a fix for your radio, he needs to know that his sofware has a potential problem or at least that Vertex is blaming him for the issue.

Good luck, and let us know what happens.

-Tom KI6ABZ

On Fri, Jul 24, 2009 at 11:35 AM, D. F.<n8bmb1@...> wrote:
>
>
> There are 2 ports. One is the CAT the other is DATA. For FTBASICMMO,
> you need to use the DATA port - NOT the CAT port.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Frank Krasnicki
> Sent: Friday, July 24, 2009 11:26
> To: FT897@yahoogroups.com
> Subject: [FT897] Can't get frequency read-out over CAT after using
> FTBasicMMO on FT-897D

>
>
> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago.
> It's worked flawlessly up until a week or so ago. I tried writing to the
> rig, and for some reason got a flashing error message. Then I tried
> reading from the rig...same thing. I tried resetting the rig back to
> factory defaults...no joy..same problem. The rig now only responds to
> CAT commands from MixW, not from HRD or any other application with CAT
> command capability.
> I tried using the CAT command utility in HRD, and found that the rig
> will accept CAT commands, but won't read out Rx or Tx frequency status
> on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the
> EEPROM is messed up. They said this has happened before when using
> memory programming software other than RT Systems apps(sounded like they
> were pushing that software). Before I send the rig back for repair, I'd
> like to know if anyone else has had similar problems.
> Frank - K1CRU
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27016. Re: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-24 19:55:16 UTC
From: Thomas Wilson
Topic: 27013 Message: 27016

Oops. I missread your post, Dennis.

The data port is only for audio/PTT on this rig. The CAT port is for
cloning, tuner, and linear control.

On Fri, Jul 24, 2009 at 11:35 AM, D. F.<n8bmb1@...> wrote:
>
>
> There are 2 ports. One is the CAT the other is DATA. For FTBASICMMO,
> you need to use the DATA port - NOT the CAT port.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Frank Krasnicki
> Sent: Friday, July 24, 2009 11:26
> To: FT897@yahoogroups.com
> Subject: [FT897] Can't get frequency read-out over CAT after using
> FTBasicMMO on FT-897D
>
>
> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago.
> It's worked flawlessly up until a week or so ago. I tried writing to the
> rig, and for some reason got a flashing error message. Then I tried
> reading from the rig...same thing. I tried resetting the rig back to
> factory defaults...no joy..same problem. The rig now only responds to
> CAT commands from MixW, not from HRD or any other application with CAT
> command capability.
> I tried using the CAT command utility in HRD, and found that the rig
> will accept CAT commands, but won't read out Rx or Tx frequency status
> on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the
> EEPROM is messed up. They said this has happened before when using
> memory programming software other than RT Systems apps(sounded like they
> were pushing that software). Before I send the rig back for repair, I'd
> like to know if anyone else has had similar problems.
> Frank - K1CRU
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27017. Re: Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 00:57:28 UTC
From: Robert G. Schaffrath
Topic: 27013 Message: 27017

Just out of curiosity, what version of FTBasicMMO are you running? I have 1.2.6 and it has worked fine so far though it is not a program I use a lot because once the rig is programmed there is little need to make extensive changes.

I do find it odd that the program could corrupt the EEPROM. FTBasicMMO works with the radio in clone mode and I don't believe the software uses any of the undocumented CAT commands that can effect the radio. The ability to write to portions of the EEPROM is supposed to be protected which is why the freeband software does not open up the FT-897D. Those memory locations are now write protected.
I suppose there is the possibility that somehow the radio misinterpreted a command sequence and overrode the protections. That alone is intriguing because it would indicate that our radios could be flashed with newer firmware if Yaesu were to provide such updates rather than having us send the radio back to them.

Robert, N2JTX

--- In FT897@yahoogroups.com, "Frank Krasnicki" <fkrasnicki@...> wrote:
>
> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
> I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
> Frank - K1CRU
>

27018. Re: Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 05:50:18 UTC
From: g4hfq
Topic: 27013 Message: 27018

Sorry - this is wrong. You use the 8-pin CAT port for FTBasicMMO. the 6-pin data port is for packet and is in fact audio in/out.

73,
Bob G4HFQ

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> There are 2 ports. One is the CAT the other is DATA. For FTBASICMMO,
> you need to use the DATA port - NOT the CAT port.
>
> Dennis - N8BMB
>

27019. Re: Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 06:10:06 UTC
From: g4hfq
Topic: 27013 Message: 27019

Frank,

If the radio will accept commands from programs but will not return answers then it sounds like a fault in the programming cable - the TX side of the circuit working but not the RX side.

First things to check are the pins on the 8-pin mini-din to see if anything is bent or pushed into the body.

Is USB involved in the connection between PC and radio or are we dealing with a real serial port?

The CommTest program on my download page will show if anything is coming in from the radio. Also the Com port detector command on FTBasicMMO's Tools menu will do the same.

If you have a friend with a 'known to work' cable then try his cable on your PC and your cable on his. Don't suspect the radio until you KNOW that the cable works properly.

73,
Bob G4HFQ

--- In FT897@yahoogroups.com, "Frank Krasnicki" <fkrasnicki@...> wrote:
>
> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
> I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
> Frank - K1CRU
>

27020. RE: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 15:56:47 UTC
From: Michael Walker (VA3MW)
Topic: 27013 Message: 27020

Frank

Some simple questions.

Make sure you are 100% sure it is still the same com port (I'm sure you done that).

Is there anything else that might have the com port open as only open application can open the com port at a given time.

If you have both of these problems eliminated, then Yaesu might be right. I assume you did a reset of the radio as a last ditch effort.

Mike VA3MW

From: Frank Krasnicki [mailto:fkrasnicki@...]
Sent: Friday, July 24, 2009 12:26 PM
To: FT897@yahoogroups.com
Subject: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
Frank - K1CRU

[Non-text portions of this message have been removed]

27021. RE: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 15:59:05 UTC
From: Michael Walker (VA3MW)
Topic: 27013 Message: 27021

Also, try monitoring the serial port to see what is actually going on. Try using something like Portmon (described on Simon's page) http://www.ham-radio-deluxe.com/Support/SerialPortMonitor/tabid/83/Default.aspx.

It might provide some clues.

Mike VA3MW

From: Thomas Wilson [mailto:wilsontp@...]
Sent: Friday, July 24, 2009 3:55 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Oops. I missread your post, Dennis.

The data port is only for audio/PTT on this rig. The CAT port is for cloning, tuner, and linear control.

On Fri, Jul 24, 2009 at 11:35 AM, D. F.<n8bmb1@... <mailto:n8bmb1%40yahoo.com> > wrote:
>
>
> There are 2 ports. One is the CAT the other is DATA. For FTBASICMMO,
> you need to use the DATA port - NOT the CAT port.
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> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of
> Frank Krasnicki
> Sent: Friday, July 24, 2009 11:26
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Can't get frequency read-out over CAT after using
> FTBasicMMO on FT-897D
>
>
> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago.
> It's worked flawlessly up until a week or so ago. I tried writing to the
> rig, and for some reason got a flashing error message. Then I tried
> reading from the rig...same thing. I tried resetting the rig back to
> factory defaults...no joy..same problem. The rig now only responds to

> CAT commands from MixW, not from HRD or any other application with CAT
> command capability.
> I tried using the CAT command utility in HRD, and found that the rig
> will accept CAT commands, but won't read out Rx or Tx frequency status
> on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the
> EEPROM is messed up. They said this has happened before when using
> memory programming software other than RT Systems apps(sounded like they
> were pushing that software). Before I send the rig back for repair, I'd
> like to know if anyone else has had similar problems.
> Frank - K1CRU
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@... <mailto:wilsontp%40gmail.com>
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

27022. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 16:43:11 UTC
From: Paul Graham
Topic: 26973 Message: 27022

Hello Peter,

I've only just checked this account, so only just got your email. Okay, AM and FM both have carriers, which will also contain side bands. The next time you run your test, tune a little either way, you'll hear the whistle. It doesn't matter which band you are on, the modes are the same on 14Mhz as they are on 144Mhz. If you can hear each other on FM then you'll be able to hear a whistle when you tune to one side when listening to his FM signl on USB. You'll also get the same effect on AM. You'll have to listen either up from his frequency a little, or down.

The way I see it, so long as people have to tune then someone will hear them. I don't see it as something we have to put up with, rather just a part of the hobby. A bit like me washing the dishes (and I HATE washing the dishes) :)

I've not read the posts above this one yet, so I have no idea if someone else has commented. Any way, give it a go, you'll hear the whistles :)

Paul.

From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Thursday, 23 July, 2009 12:03:48
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Paul

As regarding tuning on FM, I was always taught that that was the thing to do !

I would have replied an hour earlier, but I wanted to see if I could back up my suggestion. I telephoned a friend, who lives about 2 Miles away from me.

We ran an experiment, he transmitted 5 watts FM into his 40 M, Buddistick, to simulate tuning on 7.105 MhZ, ,, We tried several attempts, and although we are only 2 miles apart there was no sign of audio interference while listening on HF.

We were using 145.200 FM as a talk channel, on 5 watts.

Just to be sure, we repeated a test while tuned to a strong local HF station which was transmitting on 7.068 MHz, in this case I could not detect any s meter action, as compared to when on FM mode on a clear channel, neither was there any "noise", while testing on SSB on a clear channel.

I am 100% sure that there is an alternative to my way of thinking, and am always prepared to learn something new.

I do not own a "Buddipole or Buddistick", antenna system, but am impressed at the construction, and versatility of the product.

By the way,,, My friend was using the Vertical buddistick, when doing the test transmission, and I was using a 40M horizontal di pole.

With regard to "all the button pushing",,,, , to tune up the buddistick, after some practice you will find you can reduce the number of PTT's needed to set up to resonance on the various bands you use.

Another complaint I have heard is the "menu" setting changes needed using the 897, I have blocked out all the settings which I do not use. Out of the 90+ menu settings, I only use 8. Of these I set in memory the readings which I use most frequently.

I am using my 897 more and more as my base rig, as I find it quite easy to operate, I also have the FT857, which I intended to use .Mobile, but never actually got around to setting up mobile antennas correctly. So I am using VHF only in this car. It's a Peugeot 407 estate with the full glass roof, ,,, there is just enough roof at the back, for a triple mag-mount, and tuning a 80 M, Pro-Am needs a lot more metal than I have available.

My "Big" radio for the shack, is the FT 767 GX, which although old, is all I can ask for. It has no DSP, but it does have an equally good CAT system, which I use on Digi modes a lot.

I am not a buddipole "user", and therefore probably do not qualify to answer questions on this forum, at all !!

Paul, I have just re read your post ,,, No,,, I have never tuned through VHF on SSB, and heard anything unusual, but I will try to do that during a VHF contest when there are plenty of stations working. As I said, I was always told to use FM for tuning, so I did the experiment earlier. I will also admit that there may be a vast difference between HF, and VHF, in this case.

My final comment is that up until today, I would have lost any bet, regarding the FT897, sending a carrier on CW, via the PTT, unlike some older radios. It does not !!!

We live and learn,, me included.... Jack of all trades, and a master of ONE.

Best 73 _____ Peter EI4HX ei4hxperimental@ eircom.net

----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 10:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

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To: FT897@yahoogroups. com
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Read some of the advise he got before posting here in his original post !!!

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There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments. .. Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net

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27023. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 17:03:17 UTC
From: Paul Graham
Topic: 26973 Message: 27023

Hello Mike,

You have concerns about the basics of the question? Well I have concerns about the way the foundation and intermediate exams are marked here in the UK! Are they the same the world over? If I have this right (and I believe I do, but please put me right if I'm wrong), club members (full license holders) mark the exam. I'm not saying that anything untoward happens, but the only thing stopping anything untoward from happening that I can see is the honesty of the people doing the marking. Are they marking 'accurately' or are they marking in a way they they may think is best for the hobby? i.e. the more people that are passed the more operators there are, or the more people they pass the higher the clubs pass rate is. And to think, we are told we can't talk politics on the radio. So then why don't we stop playing politicians? I for one know people who have recently passed their intermediate who didn't even complete all of the practical modules, let alone
answer enough questions correctly to get a pass in the theory!

If we have exams that people have to pass in order to use this equipment, then isn't it about time people had to start passing the exams? Until then, people (including me) will question the validity of my (and everyone elses) intermediate call, because in my eyes it isn't worth the paper it was printed on simply because for all you know I may have been 'allowed' to pass! So, now I have to do get a full license as this is the only license we have that is actually sent away to be marked properly.

Well, I guess that's my head on the block now, so everyone take their best swing, please make it quick :)

Paul.

From: Michael Walker (VA3MW) <va3mw@...>
To: FT897@yahoogroups.com
Sent: Thursday, 23 July, 2009 11:58:29
Subject: RE: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

I've got some concerns with the basics of this question.

FM, CW or AM. All produce a constant carrier. You can measure swr with any
of them with FM and CW normally being the same power.

But, I have to ask. Was the differences between these carrier modes (A1, F1
and A3) not taught in the classes you had to take in the Amateur classes and
also part of the test for the amateur radio certificate and how each related
to the power output from your transmitter?

I am not targeting the person who had the original post at all. But, I am
targeting the education process. This is a very basic question that each
and every amateur needs to understand 100%.

Mike VA3MW

From: Paul Graham [mailto:cooldotwebdesign@ yahoo.co. uk]
Sent: Wednesday, July 22, 2009 6:43 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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Paul.

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<mailto:ei4hxperime ntal%40eircom. net> >
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Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:48 PM
Subject: Re: [FT897] Rig's SWR Meter

Do you have a tuner on your radio? >> snip<< Try tuning the radio either with a CW tone or in AM until you get your SWR down. Then it should be okay when you transmit on SSB.

Danny
KE5WDI

_____ _____ _____ __
From: Ed Metzler <edward@metzlers. net>
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

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27024. exams - etc

Yahoo group: FT897 (2009)
Date: 2009-07-25 19:02:47 UTC
From: Michael Walker (VA3MW)
Topic: 26973 Message: 27024

First, to all of you. yes. this is way off topic (and I am the king of not going there.but let me have my turn) LOL

The hobby world wide is in trouble. The one way to measure that is that our numbers of declining and the average age is increasing rapidly. It has been well documented in many places.

So, as hams, we struggle to increase our numbers (which is good) and ensure that we are technically competent (and that varies by country).

As an example, my FT897 has many options. Technology is my hobby (I was licensed in 1974) and I am still learning. I'm not afraid to break things while trying something new. However, that is not the same for most of the younger people (not sure what the demographics are). If it moves electrons, I'm likely to take it apart and figure out why. I've got a problem with my 897 that it doesn't transmit (or go into transmit). Likely a CPU problem (not the mic-I've changed that), but before I reset it, I want to make sure I didn't lock it somehow-I'm pretty sure at this point the cpu needs a reset as I have tried everything else (no, split isn't on and the TX isn't somewhere in never never land).

Since I hire technical staff for a software call center, I find it difficult to find people with have good trouble shooting skills and technically understand what is 'really' going on and the impact of other parts of the technology. Have any of you ever had a good support phone call with your cell provider or you TV provider (if you have one)? (I rest my case).

I feel that examiners are sort of stuck in a hard place. We want new hams. We want them to understand. But, no all have the same technical prowess as the next guy.

I'm off soapbox and sorry for taking up the bandwidth.

Mike VA3MW

From: Paul Graham [mailto:cooldotwebdesign@...]
Sent: Saturday, July 25, 2009 1:03 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Mike,

You have concerns about the basics of the question? Well I have concerns about the way the foundation and intermediate exams are marked here in the UK! Are they the same the world over? If I have this right (and I believe I do, but please put me right if I'm wrong), club members (full license holders) mark the exam. I'm not saying that anything untoward happens, but

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27025. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 20:17:54 UTC
From: P Grant
Topic: 26973 Message: 27025

Hello Paul

I have done as you suggested, Tuned around the 2M , FM, band in SSB,,, there was no real big whistling noises to be found, either using the RF Gain, or Squelch settings !

If I played with the rit control on SSB, I could make a little heterodyne type whistle come through,,,. funny thing though I could do this on channel or between channels, and at no time was there a FM QSO happening, when I did the "test"...

I'll have to try when there is a few stations on the band !

I am still not convinced that there is a noise transmitted with dead carrier on FM, whether you are listening on SSB, but certainly not on FM ..... !! ... Perhaps with modulation ???

cheers for now. Peter EI4HX
----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups.com
Sent: Saturday, July 25, 2009 4:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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To: FT897@yahoogroups.com
Sent: Thursday, 23 July, 2009 12:03:48
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I am not a buddipole "user", and therefore probably do not qualify to answer questions on this forum, at all !!

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My final comment is that up until today, I would have lost any bet, regarding the FT897, sending a carrier on CW, via the PTT, unlike some older radios. It does not !!!

We live and learn,, me included.... Jack of all trades, and a master of ONE.

Best 73 _____ Peter EI4HX ei4hxperimental@ eircom.net

----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 10:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

Paul.

---------- --------- --------- --
From: P Grant <ei4hxperimental@ eircom.net>
To: FT897@yahoogroups. com
Sent: Thursday, 23 July, 2009 0:09:19
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Read some of the advise he got before posting here in his original post !!!

Hello again Ed,

I hope all this advice has helped you understand the facts relating to "no output " showing on the meter when you PTT using SSB.
As you already told us, there is power on PTT on VHF, I presume FM,,,,

Just a small reminder,,, when you are transmitting a signal through your "buddipole", to help with tuning,,,, DO NOT USE CW MODE,,, use FM only...

There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments. .. Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net

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27026. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 19:37:02 UTC
From: Paul Graham
Topic: 26973 Message: 27026

Hello Peter,

I double checked that I wasn't imagining things just before I sent the email. Find a signal on FM, switch to SSB and tune either side, you will hear a whistle. Even when the FM signal is a dead carrier (and therefore, technically, not FM as it's just an un-modulated and un-deviated signal).

Any way, I'm expecting to be lynched pretty soon as a result of my 'other' post, so if you don't hear back from me... :)

Paul :)

From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Saturday, 25 July, 2009 21:17:54
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Paul

I have done as you suggested, Tuned around the 2M , FM, band in SSB,,, there was no real big whistling noises to be found, either using the RF Gain, or Squelch settings !

If I played with the rit control on SSB, I could make a little heterodyne type whistle come through,,,. funny thing though I could do this on channel or between channels, and at no time was there a FM QSO happening, when I did the "test"...

I'll have to try when there is a few stations on the band !

I am still not convinced that there is a noise transmitted with dead carrier on FM, whether you are listening on SSB, but certainly not on FM ..... !! ... Perhaps with modulation ???

cheers for now. Peter EI4HX
----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups. com
Sent: Saturday, July 25, 2009 4:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

I've only just checked this account, so only just got your email. Okay, AM and FM both have carriers, which will also contain side bands. The next time you run your test, tune a little either way, you'll hear the whistle. It doesn't matter which band you are on, the modes are the same on 14Mhz as they are on 144Mhz. If you can hear each other on FM then you'll be able to hear a whistle when you tune to one side when listening to his FM signl on USB. You'll also get the same effect on AM. You'll have to listen either up from his frequency a little, or down.

The way I see it, so long as people have to tune then someone will hear them. I don't see it as something we have to put up with, rather just a part of the hobby. A bit like me washing the dishes (and I HATE washing the dishes) :)

I've not read the posts above this one yet, so I have no idea if someone else has commented. Any way, give it a go, you'll hear the whistles :)

Paul.

---------- --------- --------- --
From: P Grant <ei4hxperimental@ eircom.net>
To: FT897@yahoogroups. com
Sent: Thursday, 23 July, 2009 12:03:48
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Paul

As regarding tuning on FM, I was always taught that that was the thing to do !

I would have replied an hour earlier, but I wanted to see if I could back up my suggestion. I telephoned a friend, who lives about 2 Miles away from me.

We ran an experiment, he transmitted 5 watts FM into his 40 M, Buddistick, to simulate tuning on 7.105 MhZ, ,, We tried several attempts, and although we are only 2 miles apart there was no sign of audio interference while listening on HF.

We were using 145.200 FM as a talk channel, on 5 watts.

Just to be sure, we repeated a test while tuned to a strong local HF station which was transmitting on 7.068 MHz, in this case I could not detect any s meter action, as compared to when on FM mode on a clear channel, neither was there any "noise", while testing on SSB on a clear channel.

I am 100% sure that there is an alternative to my way of thinking, and am always prepared to learn something new.

I do not own a "Buddipole or Buddistick", antenna system, but am impressed at the construction, and versatility of the product.

By the way,,, My friend was using the Vertical buddistick, when doing the test transmission, and I was using a 40M horizontal di pole.

With regard to "all the button pushing",,,, , to tune up the buddistick, after some practice you will find you can reduce the number of PTT's needed to set up to resonance on the various bands you use.

Another complaint I have heard is the "menu" setting changes needed using the 897,
I have blocked out all the settings which I do not use. Out of the 90+ menu settings, I only use 8. Of these I set in memory the readings which I use most frequently.

I am using my 897 more and more as my base rig, as I find it quite easy to operate, I also have the FT857, which I intended to use .Mobile, but never actually got around to setting up mobile antennas correctly. So I am using VHF only in this car. It's a Peugeot 407 estate with the full glass roof, ,,, there is just enough roof at the back, for a triple mag-mount, and tuning a 80 M, Pro-Am needs a lot more metal than I have available.

My "Big" radio for the shack, is the FT 767 GX, which although old, is all I can ask for. It has no DSP, but it does have an equally good CAT system, which I use on Digi modes a lot.

I am not a buddipole "user", and therefore probably do not qualify to answer questions on this forum, at all !!

Paul, I have just re read your post ,,, No,,, I have never tuned through VHF on SSB, and heard anything unusual, but I will try to do that during a VHF contest when there are plenty of stations working. As I said, I was always told to use FM for tuning, so I did the experiment earlier. I will also admit that there may be a vast difference between HF, and VHF, in this case.

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From: Paul Graham
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 10:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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Hope to work you soon

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27027. WELL OFF TOPIC FT897D

Yahoo group: FT897 (2009)
Date: 2009-07-25 20:57:19 UTC
From: P Grant
Topic: 27027 Message: 27027

VA3MY DE EI4HX

Hello Michael

Sorry to hear you have a problem with your radio.
Just a wee bit of advice, before you re-set...
Click through your memory numbers,,, 1 -- 91 and make a note of your present settings,,, that way, you can have a chance to see if the re-set changes something which looked OK, when checking through the memories looking for a fault , but not finding one !!

Is all the advice I can give at this time !

To continue re your question on telephone helpdesk,,, I hate using them, but I must commend the "expert, I contacted when having a problem with my " Internet Security"

I telephoned the helpdesk,,, I was switched through to a "technician",, he instructed me to go on live keyboard , he ran a complete system scan,,, built up a "new" set of rules for my Spam filter, opened up back up files for my hundreds of e-mails, which I needed to keep,,, all the time corresponding via live keyboard talk,,, He told me we were 14 minutes on the helpdesk, and said he would put it down to a bad software up grade,,, so no charge. for the call !!

The guy was in New Deli, had perfect English,,, told me he was 17 years old and working his way through college, for an economics degree.. [it was 4.40 AM local with him]

If only all service calls were like that,,, I am still happily using my "Norton Internet Security," from "Symantec "

73's all Peter EI4HX ei4hxperimental@...

[Non-text portions of this message have been removed]

27028. Re: [FT897] exams - etc

Yahoo group: FT897 (2009)
Date: 2009-07-25 19:59:48 UTC
From: Paul Graham
Topic: 26973 Message: 27028

Hello Mike,

Yes, totally off topic, but we kind of wandered there and it does affect everyone in all kinds of ways.

Any way, I'm all for attracting new people into the hobby and I do agree that it is in trouble. But shouldn't a drop in standards (for want of a better word) come from the authority that sets those standards, not from people who think they should bend the rules because they think it does the hobby good? If the latter is why the examiners think they are there then maybe they should ask their governing body what they think.
If the authorities are saying yes there is an exam but use your common sense (or allow people through who would make good of the hobby even if they fail the exam - I don't imagine for a second they would do this) then fair enough. But unless someone tells me this is so then I can't agree with people taking matters into their own hands. If anything Ofcom (our governing body) have recently made changes to the intermediate licence that makes it a little more difficult (I may be wrong here, but I certainly don't think they made it easier, again, if someone could confirm this please).

I don't want to get into what they should be doing regarding the different levels of license and the privileges and conditions that go with those levels (again that's for the authorities to decide, and they have), just to say I totally disagree with full licensed examiners taking things into their own hands, even if they do think it is for the good of the hobby. I for one have been left with a callsign that means nothing to many people.

If we let standards slip then WE are to blame for the drop instandards. If this is what we are going to do then maybe Ofcom should just shut up shop and let us run the show? Now that's SCARY!

Paul.

From: Michael Walker (VA3MW) <va3mw@...>
To: FT897@yahoogroups.com
Sent: Saturday, 25 July, 2009 20:02:47
Subject: [FT897] exams - etc

First, to all of you. yes. this is way off topic (and I am the king of not going there.but let me have my turn) LOL

The hobby world wide is in trouble. The one way to measure that is that our numbers of declining and the average age is increasing rapidly. It has been well documented in many places.

So, as hams, we struggle to increase our numbers (which is good) and ensure that we are technically competent (and that varies by country).

As an example, my FT897 has many options. Technology is my hobby (I was licensed in 1974) and I am still learning. I'm not afraid to break things while trying something new. However, that is not the same for most of the younger people (not sure what the demographics are). If it moves electrons, I'm likely to take it apart and figure out why. I've got a problem with my 897 that it doesn't transmit (or go into transmit). Likely a CPU problem (not the mic-I've changed that), but before I reset it, I want to make sure I didn't lock it somehow-I'm pretty sure at this point the cpu needs a reset as I have tried everything else (no, split isn't on and the TX isn't somewhere in never never land).

Since I hire technical staff for a software call center, I find it difficult to find people with have good trouble shooting skills and technically understand what is 'really' going on and the impact of other parts of the technology. Have any of you ever had a good support phone call with your cell provider or you TV provider (if you have one)? (I rest my case).

I feel that examiners are sort of stuck in a hard place. We want new hams. We want them to understand. But, no all have the same technical prowess as the next guy.

I'm off soapbox and sorry for taking up the bandwidth.

Mike VA3MW

From: Paul Graham [mailto:cooldotwebdesign@ yahoo.co. uk]
Sent: Saturday, July 25, 2009 1:03 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Mike,

You have concerns about the basics of the question? Well I have concerns about the way the foundation and intermediate exams are marked here in the UK! Are they the same the world over? If I have this right (and I believe I do, but please put me right if I'm wrong), club members (full license holders) mark the exam. I'm not saying that anything untoward happens, but the only thing stopping anything untoward from happening that I can see is the honesty of the people doing the marking. Are they marking 'accurately' or are they marking in a way they they may think is best for the hobby? i.e. the more people that are passed the more operators there are, or the more people they pass the higher the clubs pass rate is. And to think, we are told we can't talk politics on the radio. So then why don't we stop playing politicians? I for one know people who have recently passed their intermediate who didn't even complete all of the practical modules, let alone
answer enough questions correctly to get a pass in the theory!

If we have exams that people have to pass in order to use this equipment, then isn't it about time people had to start passing the exams? Until then, people (including me) will question the validity of my (and everyone elses) intermediate call, because in my eyes it isn't worth the paper it was printed on simply because for all you know I may have been 'allowed' to

pass! So, now I have to do get a full license as this is the only license we have that is actually sent away to be marked properly.

Well, I guess that's my head on the block now, so everyone take their best swing, please make it quick :)

Paul.

---------- --------- --------- --
From: Michael Walker (VA3MW) <va3mw@portcredit. net
<mailto:va3mw% 40portcredit. net> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Thursday, 23 July, 2009 11:58:29
Subject: RE: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

I've got some concerns with the basics of this question.

FM, CW or AM. All produce a constant carrier. You can measure swr with any of them with FM and CW normally being the same power.

But, I have to ask. Was the differences between these carrier modes (A1, F1 and A3) not taught in the classes you had to take in the Amateur classes and also part of the test for the amateur radio certificate and how each related to the power output from your transmitter?

I am not targeting the person who had the original post at all. But, I am targeting the education process. This is a very basic question that each and every amateur needs to understand 100%.

Mike VA3MW

From: Paul Graham [mailto:cooldotwebd esign@ yahoo.co. uk]
Sent: Wednesday, July 22, 2009 6:43 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

Paul.

---------- --------- --------- --
From: P Grant <ei4hxperimental@ eircom.net
<mailto:ei4hxperime ntal%40eircom. net> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Thursday, 23 July, 2009 0:09:19

Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Read some of the advise he got before posting here in his original post !!!

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Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net
----- Original Message -----
From: Danny Loyd
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:48 PM
Subject: Re: [FT897] Rig's SWR Meter

Do you have a tuner on your radio? >> snip<< Try tuning the radio either with a CW tone or in AM until you get your SWR down. Then it should be okay when you transmit on SSB.

Danny
KE5WDI

---------- --------- --------- --
From: Ed Metzler <edward@metzlers. net>
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 8:16:15 AM
Subject: [FT897] Rig's SWR Meter

I posted this question a couple of days ago, then decided I needed to do more of my own research, because there has to be something simple I'm missing. But I haven't found the answer, even talking to a couple of hams

who have 857s.
The problem is the SWR meter on the 897D doesn't react at all when I'm on the HF bands (unless I'm talking into the mike). When I'm in FM mode on the VHF bands it works fine. Here is what I am doing: I have my rig hooked up to a Buddistick. The stick is about 9 feet off the ground. Per the manufacturer' s instructions, I have the counterpoise wound out about 31 feet and elevated off the ground about 4 feet. I can hear very well on 40 meters, and I've made a couple of contacts. But when I try to check my SWR, the meter doesn't move when I key the mike without speaking. I've put it in CW mode to get a constant carrier and keyed the mike, but the needle still doesn't move. And I'm not getting an HSWR warning. I bought a Radio Shack SWR meter and have exactly the same problem. I can't even calibrate it. I've been told to turn my mike gain to 0, and others said to jack it way up. Neither had any effect, so I've put it back to the default, 50. One person suggested I increase my carrier signal, but I'm not sure how to do that. I know I must be missing something simple, but for the life of me I don't know what it is. This isn't my first HF rig, but it's the first time I've had this problem. I'd really appreciate your help.
Ed/KC9HSY

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27029. Fw: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 21:24:23 UTC
From: P Grant
Topic: 27029 Message: 27029

Hello Paul

I think you have finally got my point...

When using FM,, is it "just technically" Un Modulated, and Un Deviated signal, used to PTT when tuning up for SWR checks "on air" That is what I was trying to explain without being "Technical"

Go back to washing the dishes, and when you have that done,,, come over and do mine...

Best 73 from Ireland

P S ,,,, stop playing with the keyboard,,, there are some great stations working IOTA Contest..... DXCC in 2 hours ????? start NOW...

Peter EI4HX 'ei4hxperimental@...'
----- Original Message -----
From: Paul Graham
To: FT897@yahoogroups.com
Sent: Saturday, July 25, 2009 7:37 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!
FEEL FREE TO USE MY SOAPBOX 111 ____ 4HX

Hello Peter,

I double checked that I wasn't imagining things just before I sent the email. Find a signal on FM, switch to SSB and tune either side, you will hear a whistle. Even when the FM signal is a dead carrier (and therefore, technically, not FM as it's just an un-modulated and un-deviated signal).

Any way, I'm expecting to be lynched pretty soon as a result of my 'other' post, so if you don't hear back from me... :)

Paul :)

_____From: Paul Graham
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 10:43 PM
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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To: FT897@yahoogroups. com
Sent: Thursday, 23 July, 2009 0:09:19
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Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net

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27030. Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Yahoo group: FT897 (2009)
Date: 2009-07-25 21:20:28 UTC
From: Paul Graham
Topic: 27029 Message: 27030

You haven't seen what I charge per hour for dish washing :)

Paul.

_____
From: P Grant <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Saturday, 25 July, 2009 22:24:23
Subject: Fw: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

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FEEL FREE TO USE MY SOAPBOX 111 ____ 4HX

Hello Peter,

I double checked that I wasn't imagining things just before I sent the email. Find a signal on FM, switch to SSB and tune either side, you will hear a whistle. Even when the FM signal is a dead carrier (and therefore, technically, not FM as it's just an un-modulated and un-deviated signal).

Any way, I'm expecting to be lynched pretty soon as a result of my 'other' post, so if you don't hear back from me... :)

Paul :)

_____ _____ _____ __From: Paul Graham
To: FT897@yahoogroups. com
Sent: Wednesday, July 22, 2009 10:43 PM

Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Hello Peter,

Just out of interest, who told you that tuning on FM doesn't interfere with SSB? Or are you not saying that? Have you ever tuned through VHF on USB and listen to the whistles created from stations transmitting on FM? I use FM to tune, simply because it's convenient (and I don't have a key). I did miss the obvious one though (THANKS ERIC!), tune on AM. As I'm only allowed 50 watts (2E0) AM drops off to about 12 watts. Its going to save me quite a bit of button pushing :)

Paul.

---------- --------- --------- --
From: P Grant <ei4hxperimental@ eircom.net>
To: FT897@yahoogroups. com
Sent: Thursday, 23 July, 2009 0:09:19
Subject: Re: [FT897] Rig's SWR Meter SEE ORIGINAL POST !!!

Read some of the advise he got before posting here in his original post !!!

Hello again Ed,

I hope all this advice has helped you understand the facts relating to "no output " showing on the meter when you PTT using SSB.
As you already told us, there is power on PTT on VHF, I presume FM,,,,

Just a small reminder,,, when you are transmitting a signal through your "buddipole", to help with tuning,,,, DO NOT USE CW MODE,,, use FM only...

There are far too many thoughtless users tuning on CW, ,,, this is transmitting a tone on the frequency while you are making your adjustments. .. Yes readers,,, that is why you can hear constant blasts of "tone", all over the bands,,, not so common, or not as long as used to be,,, a lot of users now have "auto tuners" which only transmit tone for 2 - 5 seconds,,, but still enough to loose that special rare QSO. You can hear lots of idiots tuning on the band, any time there is a pile up,, and these are the people who criticise others for not knowing everything.

Enough said Ed,,, use FM, mode for the short transmissions, when "tuning " your Buddipole on the HF bands,,, when you get familiar with tuning up the "Buddipole", you will laugh at those who cannot use an SWR meter,,, and spend hundreds of $$$ on Antennalisers !!!

Hope to work you soon

73 Peter _____ EI4HX
ei4hxperimental@ eircom.net

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[Non-text portions of this message have been removed]

27031. Re: LiFePO4 batteries

Yahoo group: FT897 (2009)
Date: 2009-07-26 11:35:22 UTC
From: phaydenlex
Topic: 26942 Message: 27031

I have not, but I would like to try the A123 battery system.

Will be watching this thread.

Pat - Ai4w

27032. Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 14:58:38 UTC
From: ka8yiu
Topic: 27032 Message: 27032

My 897 will not receive the aircraft band. The signals will stop the scanning, if scanning, but no audio will come thru. The rig is set to AM, I have repositioned the antenna several times, and it still will not pick up audio. Aircraft on approach fly right over my house, but I still cannot get audio.

I have attached my 817 and, with the same antenna, picks up not only the aircraft, but the airport/ATC transmissions.

Any thoughts? A menu setting that I am not finding?

Kevin

27033. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 15:04:10 UTC
From: Hank
Topic: 27032 Message: 27033

Can you hear static? Have you checked the squelch settings? I am monitoring Orlando International Airport and can hear the planes and the airport no problem.

73 de Hank / KB4MTO

--- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@...> wrote:
>
> My 897 will not receive the aircraft band. The signals will stop the scanning, if scanning, but no audio will come thru. The rig is set to AM, I have repositioned the antenna several times, and it still will not pick up audio. Aircraft on approach fly right over my house, but I still cannot get audio.
>
> I have attached my 817 and, with the same antenna, picks up not only the aircraft, but the airport/ATC transmissions.
>
> Any thoughts? A menu setting that I am not finding?
>
> Kevin
>

27034. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 15:56:42 UTC
From: ka8yiu
Topic: 27032 Message: 27034

Yes, the squelch is set to just above the noise level. Any and all of the obvious have been checked. There is just no apparent reason for it. Even when turning the squelch down to hear the noise, their transmissions are mostly inaudible, and I am on the approach to the airport. I have used 3 different antennas and all the same result.

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> Can you hear static? Have you checked the squelch settings? I am monitoring Orlando International Airport and can hear the planes and the airport no problem.
>
> 73 de Hank / KB4MTO
>
> --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> >
> > My 897 will not receive the aircraft band. The signals will stop the scanning, if scanning, but no audio will come thru. The rig is set to AM, I have repositioned the antenna several times, and it still will not pick up audio. Aircraft on approach fly right over my house, but I still cannot get audio.
> >
> > I have attached my 817 and, with the same antenna, picks up not only the aircraft, but the airport/ATC transmissions.
> >
> > Any thoughts? A menu setting that I am not finding?
> >
> > Kevin
> >
>

27035. Re: [FT897] Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 16:28:51 UTC
From: Tom Wilson
Topic: 27032 Message: 27035

Assuming you're using the VHF/UHF port (we had someone a while back try to monitor AC on the HF port), you may simply have a bad receiver. I would contact Yaseu support (and let us know what you find out-for the next guy.)

Sent from my iPhone

On Jul 26, 2009, at 8:56 AM, "ka8yiu" <kwkelly1@...> wrote:

> Yes, the squelch is set to just above the noise level. Any and all
> of the obvious have been checked. There is just no apparent reason
> for it. Even when turning the squelch down to hear the noise, their
> transmissions are mostly inaudible, and I am on the approach to the
> airport. I have used 3 different antennas and all the same result.
>
> --- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
> >
> > Can you hear static? Have you checked the squelch settings? I am
> monitoring Orlando International Airport and can hear the planes and
> the airport no problem.
> >
> > 73 de Hank / KB4MTO
> >
> > --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> > >
> > > My 897 will not receive the aircraft band. The signals will stop
> the scanning, if scanning, but no audio will come thru. The rig is
> set to AM, I have repositioned the antenna several times, and it
> still will not pick up audio. Aircraft on approach fly right over my
> house, but I still cannot get audio.
> > >
> > > I have attached my 817 and, with the same antenna, picks up not
> only the aircraft, but the airport/ATC transmissions.
> > >
> > > Any thoughts? A menu setting that I am not finding?
> > >
> > > Kevin
> > >
> >
>
>

[Non-text portions of this message have been removed]

27036. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 16:42:53 UTC
From: ka8yiu
Topic: 27032 Message: 27036

It works great on 2 meters. I can hit repeaters several counties away, but can't hear an aircraft on AM that I could step outside and hear its engines or see with my eyes. Puzzling and annoying!

--- In FT897@...m, Tom Wilson <wilsontp@...> wrote:
>
> Assuming you're using the VHF/UHF port (we had someone a while back
> try to monitor AC on the HF port), you may simply have a bad receiver.
> I would contact Yaseu support (and let us know what you find out-for
> the next guy.)
>
> Sent from my iPhone
>

27037. Re: [FT897] Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 16:55:08 UTC
From: dug b
Topic: 27032 Message: 27037

Also, you say you tried 3 antennas....just to be sure and cover the simple things, did you happen to use the same coax?

From: Tom Wilson <wilsontp@...>
To: "FT897@yahoogroups.com" <FT897@yahoogroups.com>
Sent: Sunday, July 26, 2009 12:28:51 PM
Subject: Re: [FT897] Re: Difficulty monitoring aircraft band

Assuming you're using the VHF/UHF port (we had someone a while back try to monitor AC on the HF port), you may simply have a bad receiver. I would contact Yaseu support (and let us know what you find out-for the next guy.)

Sent from my iPhone

On Jul 26, 2009, at 8:56 AM, "ka8yiu" <kwkelly1@...> wrote:

> Yes, the squelch is set to just above the noise level. Any and all
> of the obvious have been checked. There is just no apparent reason
> for it. Even when turning the squelch down to hear the noise, their
> transmissions are mostly inaudible, and I am on the approach to the
> airport. I have used 3 different antennas and all the same result.
>
> --- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
> >
> > Can you hear static? Have you checked the squelch settings? I am
> monitoring Orlando International Airport and can hear the planes and
> the airport no problem.
> >
> > 73 de Hank / KB4MTO
> >
> > --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> > >
> > > My 897 will not receive the aircraft band. The signals will stop
> the scanning, if scanning, but no audio will come thru. The rig is
> set to AM, I have repositioned the antenna several times, and it
> still will not pick up audio. Aircraft on approach fly right over my
> house, but I still cannot get audio.
> > >
> > > I have attached my 817 and, with the same antenna, picks up not
> only the aircraft, but the airport/ATC transmissions.
> > >
> > > Any thoughts? A menu setting that I am not finding?
> > >
> > > Kevin

> > >

[Non-text portions of this message have been removed]

27038. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 17:04:16 UTC
From: ka8yiu
Topic: 27032 Message: 27038

Switched it, too...

--- In FT897@yahoogroups.com, dug b <clockdug@...> wrote:
>
> Also, you say you tried 3 antennas....just to be sure and cover the simple things, did you happen to use the same coax?
>
>
>
>
>
>
> _____
> From: Tom Wilson <wilsontp@...>
> To: "FT897@yahoogroups.com" <FT897@yahoogroups.com>
> Sent: Sunday, July 26, 2009 12:28:51 PM
> Subject: Re: [FT897] Re: Difficulty monitoring aircraft band
>
> Assuming you're using the VHF/UHF port (we had someone a while back
> try to monitor AC on the HF port), you may simply have a bad receiver.
> I would contact Yaseu support (and let us know what you find out-for
> the next guy.)
>
> Sent from my iPhone
>
> On Jul 26, 2009, at 8:56 AM, "ka8yiu" <kwkelly1@...> wrote:
>
> > Yes, the squelch is set to just above the noise level. Any and all
> > of the obvious have been checked. There is just no apparent reason
> > for it. Even when turning the squelch down to hear the noise, their
> > transmissions are mostly inaudible, and I am on the approach to the
> > airport. I have used 3 different antennas and all the same result.
> >
> > --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> > >
> > > Can you hear static? Have you checked the squelch settings? I am
> > monitoring Orlando International Airport and can hear the planes and
> > the airport no problem.
> > >
> > > 73 de Hank / KB4MTO
> > >
> > > --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> > > >
> > > > My 897 will not receive the aircraft band. The signals will stop
> > the scanning, if scanning, but no audio will come thru. The rig is

> > set to AM, I have repositioned the antenna several times, and it
> > still will not pick up audio. Aircraft on approach fly right over my
> > house, but I still cannot get audio.
> > > >
> > > > I have attached my 817 and, with the same antenna, picks up not
> > only the aircraft, but the airport/ATC transmissions.
> > > >
> > > > Any thoughts? A menu setting that I am not finding?
> > > >
> > > > Kevin
> > > >
>
>
>
>
> [Non-text portions of this message have been removed]
>

27039. SPL SHOWING

Yahoo group: FT897 (2009)
Date: 2009-07-26 17:23:25 UTC
From: TED
Topic: 27039 Message: 27039

Hello I just got my FT-897D back from Yeasu, and the SPL shows where - or + should be to enter repeater frequencys , how can I remove SPL .
THANK YOU
ted

27040. Re: [FT897] Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:03:49 UTC
From: Keith
Topic: 27032 Message: 27040

ka8yiu wrote:

> Yes, the squelch is set to just above the noise level. Any and all
> of the obvious have been checked. There is just no apparent reason
> for it. Even when turning the squelch down to hear the noise, their
> transmissions are mostly inaudible, and I am on the approach to the
> airport. I have used 3 different antennas and all the same result.

Have you tried listening to AM on other bands? Maybe have a QSO on 2 meter in AM to see if your AM mode works properly. If the problem reoccurs in other bands then most likely your hardware has failed. Also check your DSP and filter settings.

>
> --- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>> Can you hear static? Have you checked the squelch settings? I am
>> monitoring Orlando International Airport and can hear the planes
>> and the airport no problem.
>>
>> 73 de Hank / KB4MTO
>>
>> --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
>>> My 897 will not receive the aircraft band. The signals will stop
>>> the scanning, if scanning, but no audio will come thru. The rig
>>> is set to AM, I have repositioned the antenna several times, and
>>> it still will not pick up audio. Aircraft on approach fly right
>>> over my house, but I still cannot get audio.
>>>
>>> I have attached my 817 and, with the same antenna, picks up not
>>> only the aircraft, but the airport/ATC transmissions.
>>>
>>> Any thoughts? A menu setting that I am not finding?
>>>
>>> Kevin
>>>

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

27041. Re: [FT897] Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:10:13 UTC
From: David Hill
Topic: 27032 Message: 27041

Try the AGC settings, with AGC off I can't hear my local airport on AUTO its booming in

David Hill
MØBWY

-------Original Message-------

From: ka8yiu
Date: 26/07/2009 18:05:04
To: FT897@yahoogroups.com
Subject: [FT897] Re: Difficulty monitoring aircraft band

Switched it, too...

--- In FT897@yahoogroups.com, dug b <clockdug@...> wrote:
>
> Also, you say you tried 3 antennas....just to be sure and cover the simple things, did you happen to use the same coax?
>
>
>
>
>
>
> _____
> From: Tom Wilson <wilsontp@...>
> To: "FT897@yahoogroups.com" <FT897@yahoogroups.com>
> Sent: Sunday, July 26, 2009 12:28:51 PM
> Subject: Re: [FT897] Re: Difficulty monitoring aircraft band
>
> Assuming you're using the VHF/UHF port (we had someone a while back
> try to monitor AC on the HF port), you may simply have a bad receiver.
> I would contact Yaseu support (and let us know what you find out-for
> the next guy.)
>
> Sent from my iPhone
>
> On Jul 26, 2009, at 8:56 AM, "ka8yiu" <kwkelly1@...> wrote:
>
> > Yes, the squelch is set to just above the noise level. Any and all
> > of the obvious have been checked. There is just no apparent reason
> > for it. Even when turning the squelch down to hear the noise, their
> > transmissions are mostly inaudible, and I am on the approach to the
> > airport. I have used 3 different antennas and all the same result.
> >

> > --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> > >
> > > Can you hear static? Have you checked the squelch settings? I am
> > monitoring Orlando International Airport and can hear the planes and
> > the airport no problem.
> > >
> > > 73 de Hank / KB4MTO
> > >
> > > --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> > > >
> > > > My 897 will not receive the aircraft band. The signals will stop
> > the scanning, if scanning, but no audio will come thru. The rig is
> > set to AM, I have repositioned the antenna several times, and it
> > still will not pick up audio. Aircraft on approach fly right over my
> > house, but I still cannot get audio.
> > > >
> > > > I have attached my 817 and, with the same antenna, picks up not
> > only the aircraft, but the airport/ATC transmissions.
> > > >
> > > > Any thoughts? A menu setting that I am not finding?
> > > >
> > > > Kevin
> > > >
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27042. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:19:17 UTC
From: ka8yiu
Topic: 27032 Message: 27042

That did it! Works in Auto and Fast, but AGC had to be on (never would have thought that.)
The noise level is S7, but hearing now. Thanks!

Kevin

--- In FT897@yahoogroups.com, "David Hill" <david.m0bwy@...> wrote:
>
> Try the AGC settings, with AGC off I can't hear my local airport on AUTO its
> booming in
>
> David Hill
> MØBWY

27043. Re: [FT897] Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:32:13 UTC
From: Tom Wilson
Topic: 27032 Message: 27043

What about AM reception in other bands? Aircraft use AM... Come to
think of it, do you have the receive mode set to AM?

Sent from my iPhone

On Jul 26, 2009, at 9:42 AM, "ka8yiu" <kwkelly1@...> wrote:

> It works great on 2 meters. I can hit repeaters several counties
> away, but can't hear an aircraft on AM that I could step outside and
> hear its engines or see with my eyes. Puzzling and annoying!
>
> --- In FT897@yahoogroups.com, Tom Wilson <wilsontp@...> wrote:
> >
> > Assuming you're using the VHF/UHF port (we had someone a while back
> > try to monitor AC on the HF port), you may simply have a bad
> receiver.
> > I would contact Yaseu support (and let us know what you find out-for
> > the next guy.)
> >
> > Sent from my iPhone
> >
>
>

[Non-text portions of this message have been removed]

27044. Re: [FT897] SPL SHOWING

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:32:46 UTC
From: Tom Wilson
Topic: 27039 Message: 27044

Sent from my iPhone

On Jul 26, 2009, at 10:23 AM, "TED" <cinninnatti@...> wrote:

> Hello I just got my FT-897D back from Yeasu, and the SPL shows where
> - or + should be to enter repeater frequencys , how can I remove SPL .
> THANK YOU
> ted
>
>

[Non-text portions of this message have been removed]

27045. Re: [FT897] SPL SHOWING

Yahoo group: FT897 (2009)
Date: 2009-07-26 18:33:49 UTC
From: Tom Wilson
Topic: 27039 Message: 27045

Cycle through the menu buttons on the bottom and look for RPT. that cycles between +,-, and split.

Sent from my iPhone

On Jul 26, 2009, at 10:23 AM, "TED" <cinninnatti@...> wrote:

> Hello I just got my FT-897D back from Yeasu, and the SPL shows where
> - or + should be to enter repeater frequencys , how can I remove SPL .
> THANK YOU
> ted
>
>

[Non-text portions of this message have been removed]

27046. Re: SPL SHOWING

Yahoo group: FT897 (2009)
Date: 2009-07-26 20:30:26 UTC
From: TED
Topic: 27039 Message: 27046

--- In FT897@yahoogroups.com, Tom Wilson <wilsontp@...> wrote:
>
> Cycle through the menu buttons on the bottom and look for RPT. that
> cycles between +,-, and split.
>
> Sent from my iPhone
>
> On Jul 26, 2009, at 10:23 AM, "TED" <cinninnatti@...> wrote:
>
> > Hello I just got my FT-897D back from Yeasu, and the SPL shows where
> > - or + should be to enter repeater frequencys , how can I remove SPL .
> > THANK YOU
> > ted
> >
> > Thank you Tom , I mgave it a factory reset and then put in the _.
Thank you very much
>
>
> [Non-text portions of this message have been removed]
>

27047. Re: [FT897] Digest(BATTERIES) Number 3328

Yahoo group: FT897 (2009)
Date: 2009-07-26 21:00:10 UTC
From: kc3vo@aol.com
Topic: 27047 Message: 27047

6 cell, 12 volt, Lead-Acid and 4 cell, LiFe-Po4 lithium batteries are NOT ideal for the FT-897 or FT-857 series radios, as the voltage is too low over much of the discharge range! A far better choice is a Li-Poly 14.4 volt pack, consisting of 4 series connected sections, as most of its usable discharge voltage is between 16 and 12.5 volts. The radio will not normally perform PROPERLY below 12.5 volts-(yes, it will usually operate, but stability and transmit performance/quality will suffer) to be safest, you should terminate charging these batteries at 16.0 volts, rather than the normal 16.8 volts, or use a 20 ampere rated silicon diode in series during initial discharge to drop the voltage closer to 16.0 volts. this battery will deliver FULL performance, and a battery rated at 20 ampere-hours, weighing about the same as a 7 ampere-hour lead-acid cell, will give quite long service at the 100 watt or lower power level!--You MUST NOT discharge below 12.0 volts, nor charge above 16.8 volts, or battery damage is likely. Suitable batteries, with internal protection from cell imbalance, or over-discharge/shorting, and chargers may be found at "batteryspace.com"------Do NOT use for FT-817, use battery with 3 series sections for FT-817-nominal 11.2 volts, max charge is 12.6 volts, discharge is 9.0 volts.--73, KC3VO, Bob Curry

**********A bad credit score is 600 & below. Checking won't affect your score. See now!
(http://pr.atwola.com/promoclk/100126575x1221323048x1201367271/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=62&bcd=JulyBadfooterNO62)

[Non-text portions of this message have been removed]

27048. RE: [FT897] SPL SHOWING

Yahoo group: FT897 (2009)
Date: 2009-07-26 22:11:16 UTC
From: eric@van-de-weyer.org
Topic: 27039 Message: 27048

Hi Ted,

it is set for split where it receives on one VFO and transmits on the other.

Go to the menu row where the A/B, A=B is and you will find thet the SPL is
on (button C). Push the button and it is off again.

Hope that helps.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "TED" <cinninnatti@...>
>Date: Sun, 26 Jul 2009 17:23:25 -0000
>Subject: [FT897] SPL SHOWING
>Reply-To: FT897@yahoogroups.com
>
>
>Hello I just got my FT-897D back from Yeasu, and the SPL shows where - or
>+ should be to enter repeater frequencys , how can I remove SPL .
>THANK YOU
>ted
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
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>
>

27049. RE: [FT897] Digest(BATTERIES) Number 3328

Yahoo group: FT897 (2009)
Date: 2009-07-26 23:25:35 UTC
From: Michael Walker (VA3MW)
Topic: 27047 Message: 27049

Bob is right.

LiPo batteries are amazing, but make sure you get a balanced charger (it has another connector that monitors the voltage of each individual cell) and also ensure that you do NOT discharge them below 12.0 V.

The RC Hobby guys have this all figured out already and they have voltage shut off devices and smart chargers that you can get for well under $50.

One of my Quad fliers (4 motors pulling straight up) will draw over 20A at 11.1 V. The battery weighs about 500grams and will deliver almost 5000maH. I get 9-15 minutes of flight time depending on the total weight of my bird with cameras.

Here is an example of one:
http://www.hobbyking.com/hobbycity/store/uh_viewItem.asp?idProduct=9260
<http://www.hobbyking.com/hobbycity/store/uh_viewItem.asp?idProduct=9260&Pro
duct_Name=Rhino_4900mAh_4S1P_25C_Lipoly_Pack>
&Product_Name=Rhino_4900mAh_4S1P_25C_Lipoly_Pack.

Mike VA3MW

From: kc3vo@... [mailto:kc3vo@...]
Sent: Sunday, July 26, 2009 5:00 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Digest(BATTERIES) Number 3328

6 cell, 12 volt, Lead-Acid and 4 cell, LiFe-Po4 lithium batteries are NOT ideal for the FT-897 or FT-857 series radios, as the voltage is too low over

much of the discharge range! A far better choice is a Li-Poly 14.4 volt pack, consisting of 4 series connected sections, as most of its usable discharge voltage is between 16 and 12.5 volts. The radio will not normally perform PROPERLY below 12.5 volts-(yes, it will usually operate, but stability
and transmit performance/quality will suffer) to be safest, you should terminate charging these batteries at 16.0 volts, rather than the normal 16.8
volts, or use a 20 ampere rated silicon diode in series during initial discharge to drop the voltage closer to 16.0 volts. this battery will deliver
FULL performance, and a battery rated at 20 ampere-hours, weighing about the

same as a 7 ampere-hour lead-acid cell, will give quite long service at the 100 watt or lower power level!--You MUST NOT discharge below 12.0 volts, nor charge above 16.8 volts, or battery damage is likely. Suitable batteries,

with internal protection from cell imbalance, or over-discharge/shorting, and chargers may be found at "batteryspace.com"------Do NOT use for FT-817, use battery with 3 series sections for FT-817-nominal 11.2 volts, max charge is 12.6 volts, discharge is 9.0 volts.--73, KC3VO, Bob Curry

[Non-text portions of this message have been removed]

27050. Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-27 04:19:29 UTC
From: cherokee_mule
Topic: 27050 Message: 27050

These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

On receive I pick up engine noise, and as I accellerate the noise becomes louder. I believe it is ignition noise because, 1) With the engine running I used a battery powered AM radio outside and in the rear of the Jeep with little noise, but received a lot of noise in the front seat area. 2) I pick up the same noise on the 897 in AM mode with antenna attached. 3) The 897 doesn't pick up any noise in AM mode when the engine is off. 4) There is no noise when the antenna is disconnected and the engine is on. 5) I connected the 897 directly to a second car battery, leaving the radio and antenna in/on the Jeep, and recived the same engine noise in AM mode while the engine was running.

Now for the weird results: 1) I first moved my antenna from the rear of the Jeep to the passenger side hood. A 45 minute drive into work resulted in little engine noise. The noise returned on the trip back home. 2) I used a 160W converter box, plugged into the cigarette lighter, to power the radio and received little noise on a 45 minute trip. After that the noise returned.

I am completely lost on what to do to eliminate the engine noise! Before starting this project I had to remove my 2meter radio and even had to clean the battery post due to the excessive corrosive buildup.

Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

27051. Re: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-27 04:39:44 UTC
From: Gary Altig
Topic: 27050 Message: 27051

DE N7UVL,
There is a lot of electrical noise devices in modern vehicles
that can cause RF Noise. When you say "louder" as you
accelerate, if the frequency of the interference noise does
not increase in relation to the acceleration, its not ignition
noise or alternator noise. As those sources change
repetitions with RPM change.
-If the noise actually gets "louder" as acceleration occurs,
the interference may be related to a device that changes
characteristics a bit when voltage to it increases. Something
that occurs as the alternator increases RPM's. The Alternator
Regulator may allow as much as a volt increase with increased
RPM's. With a digital volt meter monitoring you may see this.
Analog meters & eyeballs may not be sensitive enough to
see the voltage increase.
-Several manufacturer vehicle fuel pumps mounted inside
the gas tank are common source of RF noise. One Ham
here had both RF noise & vehicle stalling problems, that
turned out to be a loose ground wire on the firewall to
his ECM./ga

----- Original Message -----
From: cherokee_mule<mailto:k0mul.ham@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, July 26, 2009 9:19 PM
Subject: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

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Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

[Non-text portions of this message have been removed]

27052. Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-27 07:29:42 UTC
From: ok1fig
Topic: 27052 Message: 27052

Hello all,

I revealed that my internal (built-in) PSU produces a noise. I wonder whether it is a faulty PSU, or a "standard" behaviour. Can anybody make the following test for me, please:

1. Have the internal PSU installed normally, keep the mains cord plugged in
2. Disconnect 13.8V cord and use an external PSU
3. Disconnect both antennas
4. Switch the radio on, turn RF gain to max, AF gain to one third. Switch to 80m band
5. Toggle repeatedly the mains switch on the internal PSU (rear panel) on and off. Can you hear any difference in the noise the radio produces?

This test would help me a lot, thanks in advance.

73, Petr, OK1FIG

27053. RE: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-27 10:43:28 UTC
From: Michael Walker (VA3MW)
Topic: 27050 Message: 27053

What if you plug the radio right into the cigarette lighter for a receive test. I also know many hams that have run full power on SSB right from the lighter socket very successfully. I have also done it on many rental cars. You have also proven that the noise is not coming in the power leads however, so forget the battery as the problem for the time being.

You may also have to run some good bonding from the hood, doors and exhaust system to the frame. Use a 1" braid and self tapping screws. This will cut down the noise radiated by the engine.

Fuel pumps are the worst and a simple 0.1 uf cap right across the pump leads at the tank helps a lot.

Review K0BG's site for lots of good ideas: http://www.k0bg.com/ and http://www.k0bg.com/noiseid.html. He discusses bonding at http://www.k0bg.com/bonding.html

Welcome to HF mobiling! J

Mike VA3MW

From: cherokee_mule [mailto:k0mul.ham@...]
Sent: Monday, July 27, 2009 12:19 AM
To: FT897@yahoogroups.com
Subject: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

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and received little noise on a 45 minute trip. After that the noise returned.

I am completely lost on what to do to eliminate the engine noise! Before starting this project I had to remove my 2meter radio and even had to clean the battery post due to the excessive corrosive buildup.

Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

[Non-text portions of this message have been removed]

27054. Re: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-27 11:30:30 UTC
From: Ka9p
Topic: 27050 Message: 27054

Deion -

Welcome to the noisy Jeep club.

I think everything everyone else has said is good. I've had bad noise from a Cherokee and Wranglers (no Liberty yet) and there were three things that helped me.

I started by using a battery powered shortwave receiver to sniff around the car for noise AND to try to find a quieter location for the antenna. The two most significant noise sources of radiated noise were the rear window defroster and the tailpipe, and the quietest location was smack dab in the center of the Cherokee's roof.

I experimented with some bypass cap values to knock the noise down from the rear window defroster, bonded the tailpipe to the chassis, and went to a mag mount on the roof. Signals improved, noise went down, much happier. Definitely not noise free but went from about an S9 to S3 or so on most bands.

Not the most satisfying - I'd have rather nipped it at the source, but good enough for most days.

Good luck, Scott

In a message dated 07/26/09 23:20:08 Central Daylight Time, k0mul.ham@... writes:
These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

On receive I pick up engine noise, and as I accellerate the noise becomes louder. I believe it is ignition noise because, 1) With the engine running I used a battery powered AM radio outside and in the rear of the Jeep with little noise, but received a lot of noise in the front seat area. 2) I pick up the same noise on the 897 in AM mode with antenna attached. 3) The 897 doesn't pick up any noise in AM mode when the engine is off. 4) There is no noise when the antenna is disconnected and the engine is on. 5) I connected the 897 directly to a second car battery, leaving the radio and antenna in/on the Jeep, and recived the same engine noise in AM mode while the engine was running.

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I am completely lost on what to do to eliminate the engine noise! Before starting this project I had to remove my 2meter radio and even had to clean the battery post due to the excessive corrosive buildup.

Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

[Non-text portions of this message have been removed]

27055. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-27 15:24:23 UTC
From: richardkd0gdv
Topic: 27032 Message: 27055

Make sure you're on the 108MHz band. If you're using a duplexer and switch (as I do for HF dipole and VHF/6M vertical), make sure you feed the 108MHz signal to the VHF/UHF side, not the HF side.

Being a pilot, I was monitoring KMCI over the weekend and had forgotten to switch from HF side. Couldn't hear a thing and knew there had to be an issue--and it was me!

> > My 897 will not receive the aircraft band. The signals will stop the scanning, if scanning, but no audio will come thru. The rig is set to AM, I have repositioned the antenna several times, and it still will not pick up audio. Aircraft on approach fly right over my house, but I still cannot get audio.

27056. RE: [FT897] Lost Mic PTT TX

Yahoo group: FT897 (2009)
Date: 2009-07-27 17:09:50 UTC
From: Michael Walker (VA3MW)
Topic: 26907 Message: 27056

Paul

Did you solve this? I have the same problem with my FT857, and it has me stumped. Hitting PTT does not even stop a scan, but the light lights on the mic. And, the up/down keys, etc do work.

I have yet to reset the radio (holding off until I download all the memories).

Mike VA3MW

From: P Grant [mailto:ei4hxperimental@...]
Sent: Friday, July 17, 2009 8:27 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Lost Mic PTT TX

Hello Paul

I cannot think of a fix off hand,,, But,,,
I notice you mention TX works OK, through your PC.

I wonder what [digi] mode you were last using, is there a possibility, you have inadvertently locked out the PTT control, somewhere using the digi software.
Try reading through your software control paperwork, and see can you find anything in that line. Read especially anything on "digital voice"
Best of luck with your problem.

Peter EI4HX
----- Original Message -----
From: geevml
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Friday, July 17, 2009 1:23 PM
Subject: [FT897] Lost Mic PTT TX

Hi,

Have lost mic TX function on 897d although it works fine using PC Control or by VOX. Is this a big repair problem because of SMD assembly or is it a "quick" job?
Mny TIA
Paul G1VML

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27057. Re: [FT897] Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-28 00:27:53 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 27052 Message: 27057

I had trouble at one time with my *switching* power supply. Is
yours the switching type? The problem was corrected by tightening
the connection with the PS.

Rob
AF6CM

On Mon, 27 Jul 2009 07:29 +0000, "ok1fig" <p.maly@...>
wrote:
Hello all,
I revealed that my internal (built-in) PSU produces a noise. I
wonder whether it is a faulty PSU, or a "standard" behaviour.
73, Petr, OK1FIG

27058. Re: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-28 00:32:07 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 27050 Message: 27058

Maybe this is common-mode noise entering the radio on the power cable,
or the antenna cable, or both.

You could try adding ferrites to reduce this noise.

Rob
AF6CM

27059. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-28 10:36:53 UTC
From: ok1fig
Topic: 27052 Message: 27059

I talk about the original Yaesu internal power supply for FT-897.
It is Yaesu FP-30.

Can anyone make the test as described above? It won't take you more than 5 minutes.

Thanks, Petr

--- In FT897@yahoogroups.com, af6cm_yahoo@... wrote:
>
> I had trouble at one time with my *switching* power supply. Is
> yours the switching type? The problem was corrected by tightening
> the connection with the PS.
>
> Rob
> AF6CM
>
> On Mon, 27 Jul 2009 07:29 +0000, "ok1fig" <p.maly@...>
> wrote:
> Hello all,
> I revealed that my internal (built-in) PSU produces a noise. I
> wonder whether it is a faulty PSU, or a "standard" behaviour.
> 73, Petr, OK1FIG
>

27060. Re: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-28 11:46:44 UTC
From: Graeme Martin
Topic: 27050 Message: 27060

Gday Deion.
I have a 2002 Jeep Liberty diesel (called a Cherokee Sport downunder) 4X4 also. I installed the 857 in it using the remote head. I also use the ATAS120-A. I have put a 40 mm aluminum box tube across the roof rails (towards the rear) and used the clips that clip on to the original cross bars to secure the box tube. I then ran three coax feeds into the "Liberty". One for local UHF cb, second on for duo-bander and the third one for HF. I have a tuning problem on the HF one but use the tune/up/down as I mainly use the mobile for psk31 on HF. I have put condensers (automotive capcitors) on my alternator, oil pressure sender and air conditioner compressor. Have a look at http://www.k0bg.com web site for Mobile Amateur Radio Operators in the bonding section, but then again the whole site is very informative. ope this helps

Graeme VK4RD

27061. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-28 14:10:32 UTC
From: Jim
Topic: 27052 Message: 27061

> On Mon, 27 Jul 2009 07:29 +0000, "ok1fig" <p.maly@...>
> wrote:
> Hello all,
> I revealed that my internal (built-in) PSU produces a noise. I
> wonder whether it is a faulty PSU, or a "standard" behaviour.
> 73, Petr, OK1FIG
>
Peter,
That problem is a standard fault on the power supply and was taken care of by Yaesu in a retrofit.
I have the literature somewhere and will look for it.
It consisted in adding some small capacitors across the big capacitors in the Power supply.
I did the mod myself on mine and it works well.
I'll get back to you later today.
Jim VE3DDY

27062. Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-28 20:32:54 UTC
From: Tom
Topic: 27062 Message: 27062

Until recently I have used my rig exclusively for HF and on twenty meters most of the time. Recently I have wanted to get back into some of the VHF and UHF activities here in our West Michigan area.
Although I have room (just barely!) for my simple wire antenna in my very small front yard, erecting another outdoor antenna for FM activity is simply out of the question.
Recently I saw an ad from MFJ concerning a "back-of-the-set", fold over VHF/UHF antenna that they are selling. It is listed as the MFJ-1717PL.
There is very little technical information concerning the specifics of this antenna on MFJ's web site. I did email them about it BUT they are taking their time returning my email inquiry.
Has anyone used this antenna with the 897d? If so, what are the power limits and what kind of performance did you get with this particular set-up?
Unfortunately my "shack" is in the basement of my home so using this type of an antenna might really be stretching it quite a bit in any case! I thought it might be worth asking you folks about it, however.
As always, thanks in advance for your help and advice!
As always... 73!
Tom KC8TBY

27063. Re: [FT897] Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-28 21:21:33 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 27062 Message: 27063

This antenna is only rated for 25W SSB, per MFJ. Probably
10W FM/AM, more or less.

At one time, I was considering buying one for my '897, but
the power limitation changed my plans.

Rob
AF6CM

On Tue, 28 Jul 2009 20:32 +0000, "Tom" <kerryguy7@...>
wrote:
.
Recently I saw an ad from MFJ concerning a "back-of-the-
set", fold over VHF/UHF antenna that they are selling. It is
listed as the MFJ-1717PL.
There is very little technical information concerning the
specifics of this antenna on MFJ's web site. I did email them
about it BUT they are taking their time returning my email
inquiry.
Has anyone used this antenna with the 897d? If so, what are the
power limits and what kind of performance did you get with this
particular set-up?

27064. Re: [FT897] Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-28 22:12:47 UTC
From: Thomas Wilson
Topic: 27062 Message: 27064

if you can put an HF wire antenna in the yard, why can't you put up a small 18" ground plane or even a 1 meter long dipole? That's a lot smaller than the wire antenna in the yard.

On Tue, Jul 28, 2009 at 2:21 PM, <af6cm_yahoo@...> wrote:
>
>
> This antenna is only rated for 25W SSB, per MFJ. Probably
> 10W FM/AM, more or less.
>
> At one time, I was considering buying one for my '897, but
> the power limitation changed my plans.
>
> Rob
> AF6CM
>
> On Tue, 28 Jul 2009 20:32 +0000, "Tom" <kerryguy7@...>
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>
> .
> Recently I saw an ad from MFJ concerning a "back-of-the-
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> about it BUT they are taking their time returning my email
> inquiry.
> Has anyone used this antenna with the 897d? If so, what are the
> power limits and what kind of performance did you get with this
> particular set-up?
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27065. Re: [FT897] Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-28 22:49:42 UTC
From: Lew Phelps K6LMP
Topic: 27062 Message: 27065

Tom, rather than invest in an MFJ antenna that will really be non-functional for you since it will be below ground, I would suggest a simple J-pole made from 300 ohm TV twin lead.

Detailed specs are available on many web sites. In general, a 2-meter j-pole is 54 inches long. I've made them from 300-ohm TV twin lead and from 450 ohm ladder line. I usually solder a BNC connector at the base, where the coax cable attaches, to make it more "portable" than if a coax were soldered directly to it. (You could use an S)-239 as well, depending on what kind of coax you would be using to connect it to your rig.)

I "drill" a small hole in the space between the two wires with a soldering iron, at the top end of the antenna, and run a foot of string through it, forming a 6" loop that allows me to hang the antenna from any small tree branch, or a nail driven into an overhead porch beam. I also have one in my office at work, where it hangs from a cup hook screwed into the ceiling tile in front of the window. It works fine for the repeaters that it can "see" out the window and between skyscrapers.

Connect the j-pole to your rig with as short a length of coax as is possible. Be sure to use either a balun made from coax (6 turns wound around a 2" diameter scrap of PVC pipe works well), or some ferrite beads. (The balun goes next to the antenna, not next to your rig.)

There are also plans on the Internet for dual-band j-poles for 2 meters and 70 cm with one antenna. I've made the one described in an article from QST magazine which is available at

http://www.qsl.net/k2gq/Portable%20JPole.pdf

It works just fine.

The beauty of the twin-lead J-pole is that you can take it down very easily when you're not using it -- thus no problems from whomever might object to a second antenna in the back yard.

I think a j-pole will work better for you than a ground plane antenna if you can find a place to hang it, because the take-off angle is lower and it will put more energy into nearby repeater antennas and less into the sky. It also has the benefit of not needing to be close to the ground. In fact, the higher you can hang it, the better.

73,

Lew K6LMP

On Jul 28, 2009, at 1:32 PM, Tom wrote:

> Until recently I have used my rig exclusively for HF and on twenty
> meters most of the time. Recently I have wanted to get back into
> some of the VHF and UHF activities here in our West Michigan area.
> Although I have room (just barely!) for my simple wire antenna in my
> very small front yard, erecting another outdoor antenna for FM
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> over VHF/UHF antenna that they are selling. It is listed as the
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> type of an antenna might really be stretching it quite a bit in any
> case! I thought it might be worth asking you folks about it, however.
> As always, thanks in advance for your help and advice!
> As always... 73!
> Tom KC8TBY
>
>
> __.

[Non-text portions of this message have been removed]

27066. Re: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-07-27 06:37:27 UTC
From: Al Harrow
Topic: 27050 Message: 27066

Years ago my company had problems with engine noise coming from the exhaust pipe. We had to ground the exhaust system to cure the problem it was acting like a antenna. hope this helps. AL KA7OZY

From: cherokee_mule <k0mul.ham@...>
To: FT897@yahoogroups.com
Sent: Sunday, July 26, 2009 9:19:29 PM
Subject: [FT897] Using Rig In Jeep Liberty - Aweful Noisy

These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

On receive I pick up engine noise, and as I accellerate the noise becomes louder. I believe it is ignition noise because, 1) With the engine running I used a battery powered AM radio outside and in the rear of the Jeep with little noise, but received a lot of noise in the front seat area. 2) I pick up the same noise on the 897 in AM mode with antenna attached. 3) The 897 doesn't pick up any noise in AM mode when the engine is off. 4) There is no noise when the antenna is disconnected and the engine is on. 5) I connected the 897 directly to a second car battery, leaving the radio and antenna in/on the Jeep, and recived the same engine noise in AM mode while the engine was running.

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I am completely lost on what to do to eliminate the engine noise! Before starting this project I had to remove my 2meter radio and even had to clean the battery post due to the excessive corrosive buildup.

Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

[Non-text portions of this message have been removed]

27067. Greetings all from VK Land. New member.

Yahoo group: FT897 (2009)
Date: 2009-07-27 05:40:09 UTC
From: vk3actrw
Topic: 27067 Message: 27067

Hi guys I am a now a proud new owner of one of these amazing little rigs and new to this group.
I also have a FT-901D, FT-101B, & FT-7B.I am also a member of the appropriate yahoo groups for these rigs as well.
So far I've been able to work out what is going on with this rig and all it's compilcated memory structures and am so very very happy.
This weekend coming it will go on it's first mobile excursion. I will report back on Monday with my impressions of it's mobile abilities.
Cheers for now from VK.
Ray, VK3ACT

27068. Re: [FT897] Greetings all from VK Land. New member.

Yahoo group: FT897 (2009)
Date: 2009-07-29 03:16:49 UTC
From: Ron
Topic: 27067 Message: 27068

Welcome Ray! You will find that the 897 is a very flexible and fun
little radio. Enjoy it!

Regards,

Ron WB9BDZ

[Non-text portions of this message have been removed]

27069. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-29 06:59:33 UTC
From: ok1fig
Topic: 27052 Message: 27069

Thanks for your offer, Jim.
Your info will be highly appreciated as I have searched the Internet carefully and didn't find anything on this problem.

Petr

--- In FT897@yahoogroups.com, "Jim" <portdoverbells@...> wrote:
>
> > On Mon, 27 Jul 2009 07:29 +0000, "ok1fig" <p.maly@>
> > wrote:
> > Hello all,
> > I revealed that my internal (built-in) PSU produces a noise. I
> > wonder whether it is a faulty PSU, or a "standard" behaviour.
> > 73, Petr, OK1FIG
> >
> Peter,
> That problem is a standard fault on the power supply and was taken care of by Yaesu in a retrofit.
> I have the literature somewhere and will look for it.
> It consisted in adding some small capacitors across the big capacitors in the Power supply. I did the mod myself on mine and it works well.
> I'll get back to you later today.
> Jim VE3DDY
>

27070. Re: Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-29 20:10:34 UTC
From: Steve Yates
Topic: 27062 Message: 27070

Hi Tom,

I don't have experience with THAT antenna. However, I do with homemade jobs.

First, be careful using much power with a back-of-the-set antenna. Modern radios are often very susceptible to their own RF and you may run into problems, not to mention exceeding human exposure limits.

That being said, it is extremely easy to make your own back-of-the-set antenna for 2 m/70 cm. Get a PL-259 standard coax connector and solder some stiff wire or brass tubing into the center conductor. Insulate this wire from the shield of the connector. Bend it at 90 degrees near the connector. Cut it to about 19 1/4". This antenna will resonate on both bands as a 1/4 wave antenna for 2 m and a 3/4 wave antenna on 70 cm. It will also handle a kilowatt, but you and the rig won't.

73,
Steve - AA5TB

27071. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-29 20:31:33 UTC
From: Jim
Topic: 27052 Message: 27071

Petr, I couldn't find the document but the changes are so simple that I can relate them here. When the problem was first realized by Yaesu there were several suggested solutions to repair the problem and all of them were implimented and published in a TSB (Technical Service bulletin) I sent both the transceiver and the power supply to the local Yaesu service \tech and after 6 months waiting took it back. His excuse was he couldn't get parts from Yaesu. I obtained the TSB by devious means :-) and implimented the changes myself. They were as follows : 1,/ Install a Ground wire between the chassis of the transceiver and the PSU to stop circulating currents. I did this but it didn't do anything to the noise. Yaesu later tried a piece of conductive foam stuck between the two chassis. 2./ Add a ferrite choke to the power leads between the PSU and rig. ---Still too much noise.Actually it really didn't seem to do anything at all. 3./ Open up the power supply and you will see 4 large capacitors in the one corner. Look at the printed circuit side of the board. One capacitor is positive output line to ground and one capacitor is negative line to ground (The negative is not grounded but floats) Add a .03? or was it .33mfd?(Try for yourself) flat cap across each large capacitor (positive to ground and negative to ground)and one from Positive to negative. ---A total of 3 capacitors. I did this and the noise disappeared totally. There was another mod that I didn't carry out. It involved wrapping a broad strip of sticky backed copper tape around the windings of the two internal transformers and connecting a soldered on wire to ground all to act as a shield for the windings. I didn't feel it necessary to do this as the noise was gone. You have to unsolder the transformers to do the job. I didn't do it anyway. Thats all. Those large capacitors on the output has the noise just float right by on them and the small added capacitors are low impedance for the noise. It's an easy job to do. Just take care and remember there are internal pieces of plastic between the PCB and the metal for insulation. The switching transistors are also insulated from the chassis which is their heatsink so remember to slide their insulating material back in place when you re assemble. Good Luck. If you don't have success then get back to me here and I'll look for the info some more. Jim VE3DDY --- In FT897@yahoogroups.com, "ok1fig" wrote: > > Thanks for your offer, Jim. > Your info will be highly appreciated as I have searched the Internet carefully and didn't find anything on this problem. > > Petr > > --- In FT897@yahoogroups.com, "Jim" wrote: > > > > > On Mon, 27 Jul 2009 07:29 +0000, "ok1fig" > > > wrote: > > > Hello all, > > > I revealed that my internal (built-in) PSU produces a noise. I > > > wonder whether it is a faulty PSU, or a "standard" behaviour. > > > 73, Petr, OK1FIG > > > > > Peter, > > That problem is a standard fault on the power supply and was taken care of by Yaesu in a retrofit. > > I have the literature somewhere and will look for it. > > It consisted in adding some small capacitors across the big capacitors in the Power supply. I did the mod myself on mine and it works well. > > I'll get back to you later today. > > Jim VE3DDY > > >

27072. Re: [FT897] Re: Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-29 22:12:22 UTC
From: Tom Wilson
Topic: 27062 Message: 27072

Yep. That works well. I built a 220 antenna that way with brazing rod.
35 cent part. :)

Sent from my iPhone

On Jul 29, 2009, at 1:10 PM, "Steve Yates" <aa5tb@...> wrote:

> Hi Tom,
>
> I don't have experience with THAT antenna. However, I do with
> homemade jobs.
>
> First, be careful using much power with a back-of-the-set antenna.
> Modern radios are often very susceptible to their own RF and you may
> run into problems, not to mention exceeding human exposure limits.
>
> That being said, it is extremely easy to make your own back-of-the-
> set antenna for 2 m/70 cm. Get a PL-259 standard coax connector and
> solder some stiff wire or brass tubing into the center conductor.
> Insulate this wire from the shield of the connector. Bend it at 90
> degrees near the connector. Cut it to about 19 1/4". This antenna
> will resonate on both bands as a 1/4 wave antenna for 2 m and a 3/4
> wave antenna on 70 cm. It will also handle a kilowatt, but you and
> the rig won't.
>
> 73,
> Steve - AA5TB
>
>

[Non-text portions of this message have been removed]

27073. Re: [FT897] Re: Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-29 22:40:14 UTC
From: Harold Burton
Topic: 27062 Message: 27073

I favor the little 1/4 wave ground plane verticals for that kind of use. You can hang it up at a safe distance on the end of 25 feet of coax and make the RF exposure more reasonable for yourself and the transceiver. You can build one of those with an SO-239 and four lengths of brass rod. Actually,if you are keeping it indoors you can substitute clothes hanger wire for the brass rod and be a bit more frugal.

Harold
KD5SAK

----- Original Message -----
From: "Tom Wilson" <wilsontp@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, July 29, 2009 5:12 PM
Subject: Re: [FT897] Re: Does anybody use the MFJ-1717PL back of set antenna...?

> Yep. That works well. I built a 220 antenna that way with brazing rod.
> 35 cent part. :)
>
>
> Sent from my iPhone
>
> On Jul 29, 2009, at 1:10 PM, "Steve Yates" <aa5tb@...> wrote:
>
>> Hi Tom,
>>
>> I don't have experience with THAT antenna. However, I do with
>> homemade jobs.
>>
>> First, be careful using much power with a back-of-the-set antenna.
>> Modern radios are often very susceptible to their own RF and you may
>> run into problems, not to mention exceeding human exposure limits.
>>
>> That being said, it is extremely easy to make your own back-of-the-
>> set antenna for 2 m/70 cm. Get a PL-259 standard coax connector and
>> solder some stiff wire or brass tubing into the center conductor.
>> Insulate this wire from the shield of the connector. Bend it at 90
>> degrees near the connector. Cut it to about 19 1/4". This antenna
>> will resonate on both bands as a 1/4 wave antenna for 2 m and a 3/4
>> wave antenna on 70 cm. It will also handle a kilowatt, but you and
>> the rig won't.
>>
>> 73,

>> Steve - AA5TB
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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27074. Re: [FT897] Re: Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-29 23:01:47 UTC
From: Paul Harris
Topic: 27062 Message: 27074

Take 86 inches of insulated wire strip both ends and solder one end to the center conductor of a lenght of 50 ohm coax and the other end to the braided shield. You now have a real cheap full wave 2 meter loop you can place vertical in a square or round form to be bidirectional or flat to be an omnidirectional antenna.
Paul KB2VEC

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27075. Re: Can't get frequency read-out over CAT after using FTBasicMMO on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-07-30 00:04:31 UTC
From: Frank Krasnicki
Topic: 27013 Message: 27075

--- In FT897@yahoogroups.com, "Frank Krasnicki" <fkrasnicki@...> wrote:
>Problem is fixed....bad CAT cable.

> I bought FTBasicMMO to program memories on my FT-897D about 2 years ago. It's worked flawlessly up until a week or so ago. I tried writing to the rig, and for some reason got a flashing error message. Then I tried reading from the rig...same thing. I tried resetting the rig back to factory defaults...no joy..same problem. The rig now only responds to CAT commands from MixW, not from HRD or any other application with CAT command capability.
> I tried using the CAT command utility in HRD, and found that the rig will accept CAT commands, but won't read out Rx or Tx frequency status on CAT.
> I contacted Yaesu tech support, and they told me that it sounds like the EEPROM is messed up. They said this has happened before when using memory programming software other than RT Systems apps(sounded like they were pushing that software). Before I send the rig back for repair, I'd like to know if anyone else has had similar problems.
> Frank - K1CRU
>

27076. Chevy Avalanche mounting

Yahoo group: FT897 (2009)
Date: 2009-07-30 01:35:30 UTC
From: wayne
Topic: 27076 Message: 27076

Hi All,
I have a 2004 Chevy Avalance and will be installing my 897 and ATAS antenna, i'm looking for a floor mounted bracket, however i have looked at a few on the net and i'm not sure which model would be best, most of the ones i have looked at dont look to strong and i dont want the radio moving around with every bump i hit in the road,

do Ya'll have any favorites or could vouch for a model that can take the weight of the radio etc,

Also i'm a little worried about screwing through the floor with self tapping screws, i guess the best way would be to buy some real short self tapping screws so i dont fix into the transmission.....

All thoughts welcome

Thanks
Wayne
M1EVK
W5YNE

27077. Re: Chevy Avalanche mounting

Yahoo group: FT897 (2009)
Date: 2009-07-30 03:05:15 UTC
From: elohym2003
Topic: 27076 Message: 27077

Try looking here

http://w9iix.com/

There are some good mounts.

73's

Steve/KC8LQV

--- In FT897@yahoogroups.com, "wayne" <wayne_alan2000@...> wrote:
>
> Hi All,
> I have a 2004 Chevy Avalance and will be installing my 897 and ATAS antenna, i'm looking for a floor mounted bracket, however i have looked at a few on the net and i'm not sure which model would be best, most of the ones i have looked at dont look to strong and i dont want the radio moving around with every bump i hit in the road,
>
> do Ya'll have any favorites or could vouch for a model that can take the weight of the radio etc,
>
> Also i'm a little worried about screwing through the floor with self tapping screws, i guess the best way would be to buy some real short self tapping screws so i dont fix into the transmission.....
>
> All thoughts welcome
>
> Thanks
> Wayne
> M1EVK
> W5YNE
>

27078. Re: [FT897] Re: Chevy Avalanche mounting

Yahoo group: FT897 (2009)
Date: 2009-07-30 03:38:53 UTC
From: tailfeathers
Topic: 27076 Message: 27078

I made my own out of a fishing boat seat pedestal...I bought one upper half and two lower halves...I cut a piece of plywood that I had traced the passenger side floor mat onto and mounted the pedestal on the closest corner to me...I then put the floor mat over it...I mounted a small wood shelf that I built that is higher on one side to make the radio face more visible...When not in the car (PT Cruiser) I bring it in and attach it to the base in the house...In your Avalanche it may fit between the seat and the dash bringing it closer...On a trip once my passenger was a ham and it would pivot for him to use as well...

Gary

elohym2003 wrote:
> Try looking here
>
> http://w9iix.com/
>
> There are some good mounts.
>
> 73's
>
> Steve/KC8LQV
>
>
> --- In FT897@yahoogroups.com, "wayne" <wayne_alan2000@...> wrote:
>
>> Hi All,
>> I have a 2004 Chevy Avalance and will be installing my 897 and ATAS antenna, i'm looking for a floor mounted bracket, however i have looked at a few on the net and i'm not sure which model would be best, most of the ones i have looked at dont look to strong and i dont want the radio moving around with every bump i hit in the road,
>>
>> do Ya'll have any favorites or could vouch for a model that can take the weight of the radio etc,
>>
>> Also i'm a little worried about screwing through the floor with self tapping screws, i guess the best way would be to buy some real short self tapping screws so i dont fix into the transmission.....
>>
>> All thoughts welcome
>>
>> Thanks
>> Wayne
>> M1EVK
>> W5YNE

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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.392 / Virus Database: 270.13.35/2270 - Release Date: 07/29/09 06:12:00
>
>

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Find toupees to help you look your best! Click now!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTKtjVHqXMuazkaRttC35QWfFsWscR0gdn0Z6blkOD0Bq6iRyDJKgw/

27079. AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-30 06:21:40 UTC
From: Hussain (F)
Topic: 27079 Message: 27079

Hi, Dear All HAM

I wonder with some thing wrong unknown happened with my AT-897 attached
with my FT-897D, that is not working with one touch.

What i remember !!
Last month i detached all cables i.e. power cable, battery charger cable, Antenna cable,
link cable from AT-897 to FT-897, CAT/Linear cable from tranceiver to Tuner and One small
cable from ACC of tranceiver to OTT of Tuner.
and went for a small operation at an other location, but did not operate there.

I came back and installed every thing which i have detached.

Every thing is working except One touch operation of Tuner.

Tuner is working when i change by changing the mode to AM or FM and then pressing PTT then
tuner's push button.
while it was working before by simply pressing the tuner's tune push button.

I have checked the small ACC to OTT link cable, it is close/short,
the center pin of Black tuner side to middle pin of Red Radio side
and both outer point of both pins of this OTT cable.

I think it is correct by default.

Can not understand what happened, either ACC port of radio is not
giving signal to Tuner or Tuner's OTT port is not receiving.

One thing more, when i connect this cable from ACC to OTT, Radio
does not goes to transmit mode (i mean PTT not working) while,
when a attaches this cable during the power on /radio on position,
it immediatly goes to xmit and does not goes to receive mode.

Any help to eradicate the problem will be highly appropriated.

Good Luck and
73s

AP2GH / HUSSAIN

27080. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-30 07:52:14 UTC
From: ok1fig
Topic: 27052 Message: 27080

Hello Jim,

Thanks a lot for your info. I really appreciate it.
In the meantime I was lucky to find a technical suplement document incl. schematics on the Internet. It gives a chance to do something about it.

> 1,/ Install a Ground wire between the chassis of the transceiver

I have a PSU version with conductive foam strips already.

> 2./ Add a ferrite choke to the power leads between the PSU and

My investigations indicate that the noise doesn't spread via the wires coming in/out, not via mains, nor 13.8V. Both of them are reasonably filtered.

> 3./ Open up the power supply and you will see 4 large capacitors in...

I will definitelly try this. Easy to do.

> It involved wrapping a broad strip of sticky backed copper tape

This sounds important to me. It looks that the RF noise spreads just from these two large ferrite transformers.

Recently I noticed that the PSU also produces an audible hiss. Before, this hiss occured for about one second right after the PSU was disconnected from mains. Now it is audible also when it runs idle.

Have a great day, 73, Petr, OK1FIG

27081. Re: [FT897] AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-30 07:59:25 UTC
From: Larry D. Barr, K5WLF
Topic: 27079 Message: 27081

Make sure the ACC/OTT cable is completely inserted on both ends.
Sometimes it's a bit recalcitrant.

73,
ldb
K5WLF

Hussain (F) wrote:
> Hi, Dear All HAM
>
> I wonder with some thing wrong unknown happened with my AT-897
> attached with my FT-897D, that is not working with one touch.
>
> What i remember !! Last month i detached all cables i.e. power cable,
> battery charger cable, Antenna cable, link cable from AT-897 to
> FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> from ACC of tranceiver to OTT of Tuner. and went for a small
> operation at an other location, but did not operate there.
>
> I came back and installed every thing which i have detached.
>
> Every thing is working except One touch operation of Tuner.
>
> Tuner is working when i change by changing the mode to AM or FM and
> then pressing PTT then tuner's push button. while it was working
> before by simply pressing the tuner's tune push button.
>
> I have checked the small ACC to OTT link cable, it is close/short,
> the center pin of Black tuner side to middle pin of Red Radio side
> and both outer point of both pins of this OTT cable.
>
> I think it is correct by default.
>
> Can not understand what happened, either ACC port of radio is not
> giving signal to Tuner or Tuner's OTT port is not receiving.
>
> One thing more, when i connect this cable from ACC to OTT, Radio does
> not goes to transmit mode (i mean PTT not working) while, when a
> attaches this cable during the power on /radio on position, it
> immediatly goes to xmit and does not goes to receive mode.
>
> Any help to eradicate the problem will be highly appropriated.
>
> Good Luck and 73s
>

> AP2GH / HUSSAIN
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27082. Re: Chevy Avalanche mounting

Yahoo group: FT897 (2009)
Date: 2009-07-30 09:44:52 UTC
From: kbrown1075
Topic: 27076 Message: 27082

I can not suggest a bracket, but I would like to bring a couple thoughts of waning: 1. If you are going to sheet metal screws, make sure you look closely under the vehicle before you drill or screw. We had an install person nick a wire hareness that ran to he transmission. It took many many visits to the shop to find the problem and was very costly. 2. Take into consideration that the floors of most vehicles are just pressed sheet meatal, they really don't have much thickness to them. The 897 has some weight to it and if the bracket has any hight it, will amplify the weight of the radio's movement as you travel and worse, if you had an accident. Sheet metal screws seem tight to today, but can take no time working them selves out or tearing the metal on thier way out. If you can, thru bolting with large washer may be a safer install (harder I know).

FYI- One of my jobs is the installation of radio's and computer mounts commercialy.

Good Luck.
73's
Kirk, N1TVF

--- In FT897@yahoogroups.com, "wayne" <wayne_alan2000@...> wrote:
>
> Hi All,
> I have a 2004 Chevy Avalance and will be installing my 897 and ATAS antenna, i'm looking for a floor mounted bracket, however i have looked at a few on the net and i'm not sure which model would be best, most of the ones i have looked at dont look to strong and i dont want the radio moving around with every bump i hit in the road,
>
> do Ya'll have any favorites or could vouch for a model that can take the weight of the radio etc,
>
> Also i'm a little worried about screwing through the floor with self tapping screws, i guess the best way would be to buy some real short self tapping screws so i dont fix into the transmission.....
>
> All thoughts welcome
>
> Thanks
> Wayne
> M1EVK
> W5YNE
>

27083. Re: Does anybody use the MFJ-1717PL back of set antenna...?

Yahoo group: FT897 (2009)
Date: 2009-07-30 09:56:09 UTC
From: nr3r15
Topic: 27062 Message: 27083

--- In FT897@yahoogroups.com, "Tom" <kerryguy7@...> wrote:

yes. I have had one on my radio for years. Works great ! I keep it on for a convient grab it and go rig. I have no problems getting to the local repeater, that being said tho, the repeater I use is only about 3 miles from my house.

Larry / nr3r

27084. Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-30 09:58:33 UTC
From: nr3r15
Topic: 27079 Message: 27084

--- In FT897@yahoogroups.com, "Hussain (F)" <ap2gh@...> wrote:

i'm sure you checked but a problem I had once is one of the pins was bent and the plug did not seat.

Larry / nr3r

27085. Re: [FT897] Re: Chevy Avalanche mounting

Yahoo group: FT897 (2009)
Date: 2009-07-30 13:07:11 UTC
From: P Grant
Topic: 27076 Message: 27085

Hello Wayne

When choosing the position for mounting your bracket, 2 things more you can consider,,,

Try a side mount in the foot well area of the Avalance, also consider using "pop rivets", or "Blind rivets" you can use washers with these, and it will prevent ever shaking loose.

If the bracket ever needs removing, all is needed is a quick shot with a re chargeable drill.

All other alternatives aside,,, don't forger to allow enough room for the cooling fan to do its work !

Regards _____ Peter EI4HX

--- In FT897@yahoogroups.com, "wayne" <wayne_alan2000@...> wrote:
>
> Hi All,
> I have a 2004 Chevy Avalance and will be installing my 897 and ATAS antenna, i'm looking for a floor mounted bracket, however i have looked at a few on the net and i'm not sure which model would be best, most of the ones i have looked at dont look to strong and i dont want the radio moving around with every bump i hit in the road,
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> do Ya'll have any favorites or could vouch for a model that can take the weight of the radio etc,
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> Also i'm a little worried about screwing through the floor with self tapping screws, i guess the best way would be to buy some real short self tapping screws so i dont fix into the transmission.....
>
> All thoughts welcome
>
> Thanks
> Wayne
> M1EVK
> W5YNE
>

[Non-text portions of this message have been removed]

27086. Re: Can anybody make a test, please

Yahoo group: FT897 (2009)
Date: 2009-07-30 12:52:54 UTC
From: Jim
Topic: 27052 Message: 27086

Petr,
I too thought the transformers needed shielding but I didn't have to do it as the capacitors took care of the problem.
If you install the copper foil tape around the transformer windings then I don't remember if the tape ends should overlap. To my thinking, if they overlap then this would be considered as a one turn shorted turn and may cause overheating and maybe failure of the transformer. Anyhow it would be easy to leave a small gap on the top surface and seal across it with another strip of foil to see what happens.
Jim VE3DDY

--- In FT897@yahoogroups.com, "ok1fig" <p.maly@...> wrote:
>
> Hello Jim,
>
> Thanks a lot for your info. I really appreciate it.
> In the meantime I was lucky to find a technical suplement document incl. schematics on the Internet. It gives a chance to do something about it.
>
> > 1,/ Install a Ground wire between the chassis of the transceiver
>
> I have a PSU version with conductive foam strips already.
>
> > 2./ Add a ferrite choke to the power leads between the PSU and
>
> My investigations indicate that the noise doesn't spread via the wires coming in/out, not via mains, nor 13.8V. Both of them are reasonably filtered.
>
> > 3./ Open up the power supply and you will see 4 large capacitors in...
>
> I will definitelly try this. Easy to do.
>
> > It involved wrapping a broad strip of sticky backed copper tape
>
> This sounds important to me. It looks that the RF noise spreads just from these two large ferrite transformers.
>
> Recently I noticed that the PSU also produces an audible hiss. Before, this hiss occured for about one second right after the PSU was disconnected from mains. Now it is audible also when it runs idle.
>
> Have a great day, 73, Petr, OK1FIG
>

27087. Re: Difficulty monitoring aircraft band

Yahoo group: FT897 (2009)
Date: 2009-07-30 16:14:45 UTC
From: Frank Krasnicki
Topic: 27032 Message: 27087

--- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@...> wrote:
>I'm assuming that you don't have tone squelch enabled...do you? It's always the "obvious" stuff that trips us up.
Frank - K1CRU
> Yes, the squelch is set to just above the noise level. Any and all of the obvious have been checked. There is just no apparent reason for it. Even when turning the squelch down to hear the noise, their transmissions are mostly inaudible, and I am on the approach to the airport. I have used 3 different antennas and all the same result.
>
> --- In FT897@yahoogroups.com, "Hank" <hank@> wrote:
> >
> > Can you hear static? Have you checked the squelch settings? I am monitoring Orlando International Airport and can hear the planes and the airport no problem.
> >
> > 73 de Hank / KB4MTO
> >
> > --- In FT897@yahoogroups.com, "ka8yiu" <kwkelly1@> wrote:
> > >
> > > My 897 will not receive the aircraft band. The signals will stop the scanning, if scanning, but no audio will come thru. The rig is set to AM, I have repositioned the antenna several times, and it still will not pick up audio. Aircraft on approach fly right over my house, but I still cannot get audio.
> > >
> > > I have attached my 817 and, with the same antenna, picks up not only the aircraft, but the airport/ATC transmissions.
> > >
> > > Any thoughts? A menu setting that I am not finding?
> > >
> > > Kevin
> > >
> >
>

27088. RE: [FT897] AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-30 20:23:36 UTC
From: Michael Walker (VA3MW)
Topic: 27079 Message: 27088

I just had the problem. The RF deck is hidden and the cable was loose.

Also, RF is sometimes a problem.

Mike VA3MW

From: Larry D. Barr, K5WLF [mailto:k5wlf@...]
Sent: Thursday, July 30, 2009 3:59 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] AT-897 Tuner with one touch not working

Make sure the ACC/OTT cable is completely inserted on both ends.
Sometimes it's a bit recalcitrant.

73,
ldb
K5WLF

Hussain (F) wrote:
> Hi, Dear All HAM
>
> I wonder with some thing wrong unknown happened with my AT-897
> attached with my FT-897D, that is not working with one touch.
>
> What i remember !! Last month i detached all cables i.e. power cable,
> battery charger cable, Antenna cable, link cable from AT-897 to
> FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> from ACC of tranceiver to OTT of Tuner. and went for a small
> operation at an other location, but did not operate there.
>
> I came back and installed every thing which i have detached.
>
> Every thing is working except One touch operation of Tuner.
>
> Tuner is working when i change by changing the mode to AM or FM and
> then pressing PTT then tuner's push button. while it was working
> before by simply pressing the tuner's tune push button.
>
> I have checked the small ACC to OTT link cable, it is close/short,
> the center pin of Black tuner side to middle pin of Red Radio side
> and both outer point of both pins of this OTT cable.
>
> I think it is correct by default.
>
> Can not understand what happened, either ACC port of radio is not
> giving signal to Tuner or Tuner's OTT port is not receiving.

>
> One thing more, when i connect this cable from ACC to OTT, Radio does
> not goes to transmit mode (i mean PTT not working) while, when a
> attaches this cable during the power on /radio on position, it
> immediatly goes to xmit and does not goes to receive mode.
>
> Any help to eradicate the problem will be highly appropriated.
>
> Good Luck and 73s
>
> AP2GH / HUSSAIN
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

27089. Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 02:59:36 UTC
From: kj4nts
Topic: 27089 Message: 27089

Is there a microphone that is compatible with the FT-897 that has DTMF tone buttons on it?

On an unrelated topic: Does anyone know how long it takes the FCC to process a vanity call sign application? My application has been in the "pending" state for a week.

KJ4NTS

27090. Re: [FT897] Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 03:10:09 UTC
From: Thomas Wilson
Topic: 27089 Message: 27090

You're looking for MH-59A8J

http://www.eham.net/reviews/detail/4898

They're all over EBay and there are a few on Google Shopping. The guys on EBay are obviously gaming the shipping price: charging less for the item and more for shipping. I absolutely refuse to buy from anyone who does that, so the safest bet is probably the direct sellers on Google Shopping.

On Thu, Jul 30, 2009 at 7:59 PM, kj4nts<philsherrod@...> wrote:
>
>
> Is there a microphone that is compatible with the FT-897 that has DTMF tone
> buttons on it?
>
> On an unrelated topic: Does anyone know how long it takes the FCC to process
> a vanity call sign application? My application has been in the "pending"
> state for a week.
>
> KJ4NTS
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27091. Re: [FT897] Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 03:31:10 UTC
From: Gary Altig
Topic: 27089 Message: 27091

DE N7UVL,
Vanity Call Sign processing takes a "back seat" to
other administrative functions. Which is one reason
the FCC periodically suspends processing entirely.
When the FCC begins to narrow down the "backlog"
on other "paper" work, they will again assign some
one to tackle the "Vanity Stack"./ga

----- Original Message -----
From: kj4nts<mailto:philsherrod@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, July 30, 2009 7:59 PM
Subject: [FT897] Microphone with DTMF tone buttons?

Is there a microphone that is compatible with the FT-897 that has DTMF tone buttons on it?

On an unrelated topic: Does anyone know how long it takes the FCC to process a vanity call sign application? My application has been in the "pending" state for a week.

KJ4NTS

[Non-text portions of this message have been removed]

27092. Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-31 15:41:33 UTC
From: Hussain (F)
Topic: 27079 Message: 27092

Welcome Mike;
Thanks for reply
I have already checked it.
when i pushes the cable gentely and having sure it is ok, then radio
does not goes to xmit mode by pressing PTT. Rx is ok. and goes normal
by pulling out the cable from ACC.

73
AP2GH / HUSSAIN

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> I just had the problem. The RF deck is hidden and the cable was loose.
>
>
>
> Also, RF is sometimes a problem.
>
>
>
> Mike VA3MW
>
>
>
> From: Larry D. Barr, K5WLF [mailto:k5wlf@...]
> Sent: Thursday, July 30, 2009 3:59 AM
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] AT-897 Tuner with one touch not working
>
>
>
>
>
> Make sure the ACC/OTT cable is completely inserted on both ends.
> Sometimes it's a bit recalcitrant.
>
> 73,
> ldb
> K5WLF
>
> Hussain (F) wrote:
> > Hi, Dear All HAM
> >
> > I wonder with some thing wrong unknown happened with my AT-897
> > attached with my FT-897D, that is not working with one touch.

> >
> > What i remember !! Last month i detached all cables i.e. power cable,
> > battery charger cable, Antenna cable, link cable from AT-897 to
> > FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> > from ACC of tranceiver to OTT of Tuner. and went for a small
> > operation at an other location, but did not operate there.
> >
> > I came back and installed every thing which i have detached.
> >
> > Every thing is working except One touch operation of Tuner.
> >
> > Tuner is working when i change by changing the mode to AM or FM and
> > then pressing PTT then tuner's push button. while it was working
> > before by simply pressing the tuner's tune push button.
> >
> > I have checked the small ACC to OTT link cable, it is close/short,
> > the center pin of Black tuner side to middle pin of Red Radio side
> > and both outer point of both pins of this OTT cable.
> >
> > I think it is correct by default.
> >
> > Can not understand what happened, either ACC port of radio is not
> > giving signal to Tuner or Tuner's OTT port is not receiving.
> >
> > One thing more, when i connect this cable from ACC to OTT, Radio does
> > not goes to transmit mode (i mean PTT not working) while, when a
> > attaches this cable during the power on /radio on position, it
> > immediatly goes to xmit and does not goes to receive mode.
> >
> > Any help to eradicate the problem will be highly appropriated.
> >
> > Good Luck and 73s
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> > AP2GH / HUSSAIN
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> [Non-text portions of this message have been removed]
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27093. Re: [FT897] Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 18:31:03 UTC
From: David Moorman
Topic: 27089 Message: 27093

The mics I've seen on eBay are all coming from Hong Kong, so the
shipping would be relatively high.

Dave K9SW

On Jul 30, 2009, at 10:10 PM, Thomas Wilson wrote:

> You're looking for MH-59A8J
>
> http://www.eham.net/reviews/detail/4898
>
> They're all over EBay and there are a few on Google Shopping. The guys
> on EBay are obviously gaming the shipping price: charging less for the
> item and more for shipping. I absolutely refuse to buy from anyone who
> does that, so the safest bet is probably the direct sellers on Google
> Shopping.
>
> On Thu, Jul 30, 2009 at 7:59 PM, kj4nts<philsherrod@...>
> wrote:
> >
> >
> > Is there a microphone that is compatible with the FT-897 that has
> DTMF tone
> > buttons on it?
> >
> > On an unrelated topic: Does anyone know how long it takes the FCC
> to process
> > a vanity call sign application? My application has been in the
> "pending"
> > state for a week.
> >
> > KJ4NTS
> >
> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>

[Non-text portions of this message have been removed]

27094. Re: [FT897] Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 19:33:17 UTC
From: Thomas Wilson
Topic: 27089 Message: 27094

It doesn't cost $30 to ship a microphone through the mail. I ended up buying one of those mics direct on the web (not through an EBay seller), and I paid about $8 to have it shipped. When I checked a few minutes ago, I saw 3 on-line stores selling that mic for between $72 and $75, and all were charging $10 to ship.

Now, the guys on EBay are charging $50 for the mic, which is a fantastic price! But they're tacking on a $30 shipping cost. They're basically selling the item at the wholesale distribution cost and taking their $20 profit in the shipping price. This means that they also save on selling fees, since EBay charges based on the item's price without shipping. The amount is about 70 cents. But if you sell 1000 items a month, 70 cents adds up to $700 pretty fast.

Here's what one seller told me when I asked him about it: "We shifted some cost to the shipping cost in order to save eBay fees and give a lower total cost (price + shipping cost) to buyers. So please kindly consider the total cost of this item. It is with a very competitive total cost."

Those were his exact words. The guy's name was Edwin Law, with the seller "hongkongdigi".

On Fri, Jul 31, 2009 at 11:31 AM, David Moorman<dmoorman4@...> wrote:
>
>
> The mics I've seen on eBay are all coming from Hong Kong, so the
> shipping would be relatively high.
>
> Dave K9SW
>
> On Jul 30, 2009, at 10:10 PM, Thomas Wilson wrote:
>
>> You're looking for MH-59A8J
>>
>> http://www.eham.net/reviews/detail/4898
>>
>> They're all over EBay and there are a few on Google Shopping. The guys
>> on EBay are obviously gaming the shipping price: charging less for the
>> item and more for shipping. I absolutely refuse to buy from anyone who
>> does that, so the safest bet is probably the direct sellers on Google
>> Shopping.
>>
>> On Thu, Jul 30, 2009 at 7:59 PM, kj4nts<philsherrod@comcast.net>
>> wrote:
>> >

>> >
>> > Is there a microphone that is compatible with the FT-897 that has
>> DTMF tone
>> > buttons on it?
>> >
>> > On an unrelated topic: Does anyone know how long it takes the FCC
>> to process
>> > a vanity call sign application? My application has been in the
>> "pending"
>> > state for a week.
>> >
>> > KJ4NTS
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>> --
>> Tom Wilson
>> wilsontp@...
>> (619)342-1391
>> KI6ABZ
>>
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>
> [Non-text portions of this message have been removed]
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>

--
Tom Wilson
wilsontp@...m
(619)342-1391
KI6ABZ

27095. Re: [FT897] Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-07-31 21:27:13 UTC
From: JAMES AMBURN
Topic: 27079 Message: 27095

Make sure that you don't have a bent pin on one of the mini din connectors.

Jim
N0TUI
----- Original Message -----
From: Hussain (F)<mailto:ap2gh@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, July 31, 2009 9:41 AM
Subject: [FT897] Re: AT-897 Tuner with one touch not working

Welcome Mike;
Thanks for reply
I have already checked it.
when i pushes the cable gentely and having sure it is ok, then radio
does not goes to xmit mode by pressing PTT. Rx is ok. and goes normal
by pulling out the cable from ACC.

73
AP2GH / HUSSAIN

--- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Michael Walker \(VA3MW\)"
<va3mw@...> wrote:
>
> I just had the problem. The RF deck is hidden and the cable was loose.
>
>
>
> Also, RF is sometimes a problem.
>
>
>
> Mike VA3MW
>
>
>
> From: Larry D. Barr, K5WLF [mailto:k5wlf@...]
> Sent: Thursday, July 30, 2009 3:59 AM
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] AT-897 Tuner with one touch not working
>
>
>
>
>
>
> Make sure the ACC/OTT cable is completely inserted on both ends.
> Sometimes it's a bit recalcitrant.

>
> 73,
> ldb
> K5WLF
>
> Hussain (F) wrote:
> > Hi, Dear All HAM
> >
> > I wonder with some thing wrong unknown happened with my AT-897
> > attached with my FT-897D, that is not working with one touch.
> >
> > What i remember !! Last month i detached all cables i.e. power cable,
> > battery charger cable, Antenna cable, link cable from AT-897 to
> > FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> > from ACC of tranceiver to OTT of Tuner. and went for a small
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> > the center pin of Black tuner side to middle pin of Red Radio side
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> > I think it is correct by default.
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> > Can not understand what happened, either ACC port of radio is not
> > giving signal to Tuner or Tuner's OTT port is not receiving.
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> > One thing more, when i connect this cable from ACC to OTT, Radio does
> > not goes to transmit mode (i mean PTT not working) while, when a
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> > Good Luck and 73s
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> > AP2GH / HUSSAIN
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[Non-text portions of this message have been removed]

27096. Re: Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 22:04:09 UTC
From: John Rabold
Topic: 27089 Message: 27096

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>> On an unrelated topic: Does anyone know how long it takes the FCC to process a vanity call sign application? My application has been in the "pending" state for a week. <<

It is off topic for this Yahoo group, but ... the site http://www.ae7q.com/ will tell you what you need to know. The status of your application is at http://bit.ly/XQO2a That shows the prediction that you will be granted W4PHS. It also shows that your receipt date was July 23. Back on the site home page, scroll down to the table headed "Pending application prediction summary". In that table, you will see that applications with the receipt date of July 23 will be processed on August 11. If you click on the "Tue 2009-08-11" link you will go to a table of everything the FCC is expected to do with vanity applications on that day. Scroll down and you'll see what's going to happen to your application.

John KS6M

27097. Re: [FT897] Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-08-01 05:39:34 UTC
From: David Moorman
Topic: 27089 Message: 27097

I see! Thanks for the background, Thomas.

Dave K9SW

On Jul 31, 2009, at 2:33 PM, Thomas Wilson wrote:

> It doesn't cost $30 to ship a microphone through the mail. I ended up
> buying one of those mics direct on the web (not through an EBay
> seller), and I paid about $8 to have it shipped. When I checked a few
> minutes ago, I saw 3 on-line stores selling that mic for between $72
> and $75, and all were charging $10 to ship.
>
> Now, the guys on EBay are charging $50 for the mic, which is a
> fantastic price! But they're tacking on a $30 shipping cost. They're
> basically selling the item at the wholesale distribution cost and
> taking their $20 profit in the shipping price. This means that they
> also save on selling fees, since EBay charges based on the item's
> price without shipping. The amount is about 70 cents. But if you sell
> 1000 items a month, 70 cents adds up to $700 pretty fast.
>
> Here's what one seller told me when I asked him about it: "We shifted
> some cost to the shipping cost in order to save eBay fees and give a
> lower total cost (price + shipping cost) to buyers. So please kindly
> consider the total cost of this item. It is with a very competitive
> total cost."
>
> Those were his exact words. The guy's name was Edwin Law, with the
> seller "hongkongdigi".
>
> On Fri, Jul 31, 2009 at 11:31 AM, David
> Moorman<dmoorman4@...> wrote:
> >
> >
> > The mics I've seen on eBay are all coming from Hong Kong, so the
> > shipping would be relatively high.
> >
> > Dave K9SW
> >
> > On Jul 30, 2009, at 10:10 PM, Thomas Wilson wrote:
> >
> >> You're looking for MH-59A8J
> >>
> >> http://www.eham.net/reviews/detail/4898
> >>
> >> They're all over EBay and there are a few on Google Shopping. The
> > guys

> >> on EBay are obviously gaming the shipping price: charging less
> for the
> >> item and more for shipping. I absolutely refuse to buy from
> anyone who
> >> does that, so the safest bet is probably the direct sellers on
> Google
> >> Shopping.
> >>
> >> On Thu, Jul 30, 2009 at 7:59 PM, kj4nts<philsherrod@...>
> >> wrote:
> >> >
> >> >
> >> > Is there a microphone that is compatible with the FT-897 that has
> >> DTMF tone
> >> > buttons on it?
> >> >
> >> > On an unrelated topic: Does anyone know how long it takes the FCC
> >> to process
> >> > a vanity call sign application? My application has been in the
> >> "pending"
> >> > state for a week.
> >> >
> >> > KJ4NTS
> >> >
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> >>
> >> --
> >> Tom Wilson
> >> wilsontp@...
> >> (619)342-1391
> >> KI6ABZ
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> >
> > [Non-text portions of this message have been removed]
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> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
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[Non-text portions of this message have been removed]

27098. Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-08-01 18:26:09 UTC
From: Hussain (F)
Topic: 27079 Message: 27098

Thanks Jim for a nice tip.
I have checked it again now the DIN on both side is ok.
further i tried to on the radio with out DIN and attached ACC/OTT cable.
it give me same response,like Rig went in to xmit mode when i push
the cable in female of ACC while it was on.
Again i switch off the radio, inserted the pin of OTT cable in the ACC port of radio.
switch on the radio, radio does not go in xmit mode , PTT not working.

i think, problem is in this OTT cable or in the radio ACC or OTT of tuner port.

73s
ap2gh / Hussain

--- In FT897@yahoogroups.com, "JAMES AMBURN" <james.amburn@...> wrote:
>
>
> Make sure that you don't have a bent pin on one of the mini din connectors.
>
> Jim
> N0TUI
> ----- Original Message -----
> From: Hussain (F)<mailto:ap2gh@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Friday, July 31, 2009 9:41 AM
> Subject: [FT897] Re: AT-897 Tuner with one touch not working
>
>
> Welcome Mike;
> Thanks for reply
> I have already checked it.
> when i pushes the cable gentely and having sure it is ok, then radio
> does not goes to xmit mode by pressing PTT. Rx is ok. and goes normal
> by pulling out the cable from ACC.
>
> 73
> AP2GH / HUSSAIN
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> --- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Michael Walker \(VA3MW\)"
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> > I just had the problem. The RF deck is hidden and the cable was loose.
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> > Also, RF is sometimes a problem.
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> >
> >
> > Mike VA3MW
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> >
> > From: Larry D. Barr, K5WLF [mailto:k5wlf@]
> > Sent: Thursday, July 30, 2009 3:59 AM
> > To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> > Subject: Re: [FT897] AT-897 Tuner with one touch not working
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> > Make sure the ACC/OTT cable is completely inserted on both ends.
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> > 73,
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> >
> > Hussain (F) wrote:
> > > Hi, Dear All HAM
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> > > I wonder with some thing wrong unknown happened with my AT-897
> > > attached with my FT-897D, that is not working with one touch.
> > >
> > > What i remember !! Last month i detached all cables i.e. power cable,
> > > battery charger cable, Antenna cable, link cable from AT-897 to
> > > FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> > > from ACC of tranceiver to OTT of Tuner. and went for a small
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> > > I came back and installed every thing which i have detached.
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> > > Every thing is working except One touch operation of Tuner.
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> > > Tuner is working when i change by changing the mode to AM or FM and
> > > then pressing PTT then tuner's push button. while it was working
> > > before by simply pressing the tuner's tune push button.
> > >
> > > I have checked the small ACC to OTT link cable, it is close/short,
> > > the center pin of Black tuner side to middle pin of Red Radio side
> > > and both outer point of both pins of this OTT cable.
> > >
> > > I think it is correct by default.
> > >
> > > Can not understand what happened, either ACC port of radio is not
> > > giving signal to Tuner or Tuner's OTT port is not receiving.

> > >
> > > One thing more, when i connect this cable from ACC to OTT, Radio does
> > > not goes to transmit mode (i mean PTT not working) while, when a
> > > attaches this cable during the power on /radio on position, it
> > > immediatly goes to xmit and does not goes to receive mode.
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> > > Any help to eradicate the problem will be highly appropriated.
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> > > Good Luck and 73s
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> > > AP2GH / HUSSAIN
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27099. Re: [FT897] Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-08-02 00:38:24 UTC
From: JAMES AMBURN
Topic: 27079 Message: 27099

Check out menu #26 on page 57 of the manual. That will give you an option to test part of the transmitter if you do not have a code key. The only other option I know of is a full reset. Make sure you record all memory information before the reset so you can reprogram the radio. There is no assurance that a full reset will help, if you have to send it to Yaesu for repair they will do a full reset and at lest you will have all of your setting so you can have an easer time reprogramming after repair.
Good Luck and 73s

Jim N0TUI
----- Original Message -----
From: Hussain (F)<mailto:ap2gh@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, August 01, 2009 12:26 PM
Subject: [FT897] Re: AT-897 Tuner with one touch not working

Thanks Jim for a nice tip.
I have checked it again now the DIN on both side is ok.
further i tried to on the radio with out DIN and attached ACC/OTT cable.
it give me same response,like Rig went in to xmit mode when i push
the cable in female of ACC while it was on.
Again i switch off the radio, inserted the pin of OTT cable in the ACC port of radio.
switch on the radio, radio does not go in xmit mode , PTT not working.

i think, problem is in this OTT cable or in the radio ACC or OTT of tuner port.

73s
ap2gh / Hussain

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "JAMES AMBURN"
<james.amburn@...> wrote:
>
>
> Make sure that you don't have a bent pin on one of the mini din connectors.
>
> Jim
> N0TUI
> ----- Original Message -----
> From: Hussain (F)<mailto:ap2gh@...>
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<m
ailto:FT897%40yahoogroups.com>>
> Sent: Friday, July 31, 2009 9:41 AM
> Subject: [FT897] Re: AT-897 Tuner with one touch not working
>
>
> Welcome Mike;
> Thanks for reply

> I have already checked it.
> when i pushes the cable gentely and having sure it is ok, then radio
> does not goes to xmit mode by pressing PTT. Rx is ok. and goes normal
> by pulling out the cable from ACC.
>
> 73
> AP2GH / HUSSAIN
>
> --- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.co
m<mailto:FT897%40yahoogroups.com>>, "Michael Walker \(VA3MW\)" <va3mw@> wrote:
> >
> > I just had the problem. The RF deck is hidden and the cable was loose.
> >
> >
> >
> > Also, RF is sometimes a problem.
> >
> >
> >
> > Mike VA3MW
> >
> >
> >
> > From: Larry D. Barr, K5WLF [mailto:k5wlf@]
> > Sent: Thursday, July 30, 2009 3:59 AM
> > To:
FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897%40yahoogroups.com>
> > Subject: Re: [FT897] AT-897 Tuner with one touch not working
> >
> >
> >
> >
> >
> > Make sure the ACC/OTT cable is completely inserted on both ends.
> > Sometimes it's a bit recalcitrant.
> >
> > 73,
> > ldb
> > K5WLF
> >
> > Hussain (F) wrote:
> > > Hi, Dear All HAM
> > >
> > > I wonder with some thing wrong unknown happened with my AT-897
> > > attached with my FT-897D, that is not working with one touch.
> > >
> > > What i remember !! Last month i detached all cables i.e. power cable,
> > > battery charger cable, Antenna cable, link cable from AT-897 to
> > > FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> > > from ACC of tranceiver to OTT of Tuner. and went for a small

> > > operation at an other location, but did not operate there.
> > >
> > > I came back and installed every thing which i have detached.
> > >
> > > Every thing is working except One touch operation of Tuner.
> > >
> > > Tuner is working when i change by changing the mode to AM or FM and
> > > then pressing PTT then tuner's push button. while it was working
> > > before by simply pressing the tuner's tune push button.
> > >
> > > I have checked the small ACC to OTT link cable, it is close/short,
> > > the center pin of Black tuner side to middle pin of Red Radio side
> > > and both outer point of both pins of this OTT cable.
> > >
> > > I think it is correct by default.
> > >
> > > Can not understand what happened, either ACC port of radio is not
> > > giving signal to Tuner or Tuner's OTT port is not receiving.
> > >
> > > One thing more, when i connect this cable from ACC to OTT, Radio does
> > > not goes to transmit mode (i mean PTT not working) while, when a
> > > attaches this cable during the power on /radio on position, it
> > > immediatly goes to xmit and does not goes to receive mode.
> > >
> > > Any help to eradicate the problem will be highly appropriated.
> > >
> > > Good Luck and 73s
> > >
> > > AP2GH / HUSSAIN
> > >
> > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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> > >
> > > [Non-text portions of this message have been removed]
> >
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>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27100. Re: [FT897] Re: Anyone have a Dinkey portable paddle?

Yahoo group: FT897 (2009)
Date: 2009-07-22 21:26:05 UTC
From: Charles Scott
Topic: 26883 Message: 27100

KC4RSL:

You might also want to look at the BullDog paddles. I had a BullDog Mini Key for my FT-817 that I really liked. If you don't need it to directly plug into the mic port, these are real small and very survivable.

http://www.amateurradioproducts.com/

Chuck - N8DNX

> --- In FT897@yahoogroups.com, dug b <clockdug@...> wrote:
>
>> Just wondering if anyone on the list had purchased a dinkey for use with their 897. It looks like it should work pretty well as a portable paddle and I was thinking of ordering one; just wanted to see if there were any users who had an opinion. If you haven't seen what I'm talking about it's a tiny cw paddle that plugs directly into the mike jack of the ft817 or ft897. Check http://www.geocities.com/micro-wave/dinkey.html for details.
>>
>> 73 de KC4RSL
>>
>
>

[Non-text portions of this message have been removed]

27101. Re: [FT897] Re: Anyone have a Dinkey portable paddle?

Yahoo group: FT897 (2009)
Date: 2009-07-22 19:36:44 UTC
From: Thomas Wilson
Topic: 26883 Message: 27101

Just out of curiousity: do you have to turn on the mic keyer mode (where the up button sends a dah and the down button sends a dit), or does the keyer do all that internally?

On Wed, Jul 22, 2009 at 12:12 PM, fred t. forbush <geminifred@...>wrote:

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, dug b <clockdug@...>
> wrote:
> >
> > Just wondering if anyone on the list had purchased a dinkey for use with
> their 897. It looks like it should work pretty well as a portable paddle and
> I was thinking of ordering one; just wanted to see if there were any users
> who had an opinion. If you haven't seen what I'm talking about it's a tiny
> cw paddle that plugs directly into the mike jack of the ft817 or ft897.
> Check http://www.geocities.com/micro-wave/dinkey.html for details.
> >
> > 73 de KC4RSL
>
> Yes, I bought one about two years ago and works fine. I had to file the
> stops a little in order for the key to lock. The builder told me he would
> need to reset the stops placement for future ft-897 dinkeys because of the
> recurring problem. I'm sure this is resolved now but you might ask about it
> if you consider getting one.
> 73,
> Fred
> k6kub
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

[Non-text portions of this message have been removed]

27102. CW filter turns off all audio

Yahoo group: FT897 (2009)
Date: 2009-07-31 06:07:14 UTC
From: mikebenack
Topic: 27102 Message: 27102

Hi gang, this is my first post here. Been reading the posts for a few weeks now. Having a little problem with the YF-122 CN filter. When I select it in the multi function row N, all audio goes dead. I can still hear some receiver hiss if I turn up the volume but no signals at all. The installation was easy so I think I got that right. Been through all the other multi function and menu items and tried different settings but still no audio. Am I missing something here? This is the second filter. Sent the first one back thinking it was defective but the new one does the same thing. I hope it's me and not the 897D. I hope someone can tell me what I'm doing wrong.
Thanks

27103. Re: Microphone with DTMF tone buttons?

Yahoo group: FT897 (2009)
Date: 2009-07-31 18:22:47 UTC
From: maskeman
Topic: 27089 Message: 27103

KJ4NTS,
I applied online on 6/23 and received my new call on 7/11. Pick you call ahead using the many vanity database websites.

Richard, K8RMM (formally kd8dvx)
>
> ----- Original Message -----
> From: kj4nts<mailto:philsherrod@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Thursday, July 30, 2009 7:59 PM
> Subject: [FT897] Microphone with DTMF tone buttons?
>
> On an unrelated topic: Does anyone know how long it takes the FCC to process a vanity call sign application? My application has been in the "pending" state for a week.
>
> KJ4NTS

27104. Paddles and Canned Messages

Yahoo group: FT897 (2009)
Date: 2009-07-30 13:50:54 UTC
From: voskiarzat
Topic: 27104 Message: 27104

Hi all,

I am new to this reflector, and a new owner of an FT-897D. I would like to send canned messages and use the paddles also when needed. CAT interface cable is attached to COM 7, using a SignaLink USB interface.
Have a CW interface cable attached to COM 6 with a Y adapter to the CW jack. The problem is, when I hook it up, it continuously keys the Transmitter until I press the [KYR] C button to disconnect the Keyer, and only then I can use the canned messages.
But then I can't use the paddles. I don't want to reach behind the rig and keep changing plugs.
Any solution or schematic to the problem?

73, Noel (OM) N3NZ

27105. FT 897D RTTY Side Tone

Yahoo group: FT897 (2009)
Date: 2009-08-01 01:31:30 UTC
From: Ron
Topic: 27105 Message: 27105

Is there a way to monitor the FT897 MARK - Space Tones or do I need an external monitor source? Got the hardware, software and cables hooked up but can't hear what I'm sending like I do for CW Side Tone.
Thanks,
Ron n6paa

27106. PADDLES AND CANNED MESSAGES

Yahoo group: FT897 (2009)
Date: 2009-07-31 17:43:28 UTC
From: Noel Zeibari
Topic: 27106 Message: 27106

Hi all,

I am new to this reflector, and a new owner of an FT-897D. I would like to send canned messages and use the paddles also when needed. CAT interface cable is attached to COM 7, using a SignaLink USB interface.

I have a CW interface cable attached to COM 6 with a Y adapter to the CW jack. The problem is, when I hook it up, it continuously keys the Transmitter until I press the [KYR] C button to disconnect the Keyer, and only then I can use the canned messages.

But then I can't use the paddles. I don't want to reach behind the rig and keep changing plugs.

Any solution or schematic to solve the problem?

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27107. Re: [FT897] Paddles and Canned Messages

Yahoo group: FT897 (2009)
Date: 2009-08-02 04:48:15 UTC
From: Thomas Wilson
Topic: 27104 Message: 27107

Here's the problem. You can't use the internal keyer and an external keyer on the key jack at the same time.

You can key using the PTT line on the data port; make a splitter: bring the PTT line over to your keying interface and run the audio lines to the Signalink. Since the Signalink uses a relay to key the radio, you can run the PTT wire to the Signalink and to your keying interface.

Whenever the radio is in CW mode (or any non-data mode with Auto CW turned on), the PTT line on the data jack will send a CW tone. In digital

You do not need anything but your paddle (and maybe a code key) connected to the key jack.

On Thu, Jul 30, 2009 at 6:50 AM, voskiarzat<n3nz@...> wrote:
>
>
> Hi all,
>
> I am new to this reflector, and a new owner of an FT-897D. I would like to
> send canned messages and use the paddles also when needed. CAT interface
> cable is attached to COM 7, using a SignaLink USB interface.
> Have a CW interface cable attached to COM 6 with a Y adapter to the CW jack.
> The problem is, when I hook it up, it continuously keys the Transmitter
> until I press the [KYR] C button to disconnect the Keyer, and only then I
> can use the canned messages.
> But then I can't use the paddles. I don't want to reach behind the rig and
> keep changing plugs.
> Any solution or schematic to the problem?
>
> 73, Noel (OM) N3NZ
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27108. Re: [FT897] CW filter turns off all audio

Yahoo group: FT897 (2009)
Date: 2009-08-02 06:34:55 UTC
From: Louis Perley
Topic: 27102 Message: 27108

You installed it upside down most likely. I did the same thing when I first bought mine. I fired it up and said to myself "hey, this filter works AWESOME, all the noise is gone!". Then my senses came back to me after having left for a short while.

-Louis, KC0VJE

On Jul 31, 2009, at 12:07 AM, mikebenack wrote:

>
> Hi gang, this is my first post here. Been reading the posts for a
> few weeks now. Having a little problem with the YF-122 CN filter.
> When I select it in the multi function row N, all audio goes dead.
> I can still hear some receiver hiss if I turn up the volume but no
> signals at all. The installation was easy so I think I got that
> right. Been through all the other multi function and menu items and
> tried different settings but still no audio. Am I missing something
> here? This is the second filter. Sent the first one back thinking
> it was defective but the new one does the same thing. I hope it's
> me and not the 897D. I hope someone can tell me what I'm doing wrong.
> Thanks
>

27109. Re: [FT897] (CW filter)Digest Number 3335

Yahoo group: FT897 (2009)
Date: 2009-08-02 09:10:30 UTC
From: kc3vo@aol.com
Topic: 27109 Message: 27109

CW filter-Did you install it right side up? The printed circuit board should be DOWN, with the filter facing UP.--You must also go into the menu, (as described in owners manual) and TELL the radio that you have installed a CW filter!--73, KC3VO-Bob Curry

**********A Good Credit Score is 700 or Above. See yours in just 2 easy steps!
(http://pr.atwola.com/promoclk/100126575x1222846709x1201493018/aol?redir=http://www.freecreditreport.com/pm/default.aspx?sc=668072&hmpgID=115&bcd=JulystepsfooterNO115)

[Non-text portions of this message have been removed]

27110. Need Help with FT897D setup

Yahoo group: FT897 (2009)
Date: 2009-08-02 09:55:54 UTC
From: Michael Warren
Topic: 27110 Message: 27110

I have an FT897D, FC-30, and a Signalink. Currently I have the FT897D connected to my computer using a Belkins usb/serial adaptor to hookup the the serial connection to a usb port on the computer. I am using the Ham Radio Deluxe software.

What are the accessories that I need to connect the radio, computer, FC-30 tuner and the Signalink?

Mike
ka5rej

27111. Re: CW filter turns off all audio

Yahoo group: FT897 (2009)
Date: 2009-08-02 10:40:46 UTC
From: dj7sw
Topic: 27102 Message: 27111

Plug the filter and turn it! (No, not around) You mounted it downside up. Next time read that f... manual, it has a little picture on page 64.
55 de Lup, DJ7SW

--- In FT897@yahoogroups.com, "mikebenack" <mwb@...> wrote:
>
> Hi gang, this is my first post here. Been reading the posts for a few weeks now. Having a little problem with the YF-122 CN filter. When I select it in the multi function row N, all audio goes dead. I can still hear some receiver hiss if I turn up the volume but no signals at all. The installation was easy so I think I got that right. Been through all the other multi function and menu items and tried different settings but still no audio. Am I missing something here? This is the second filter. Sent the first one back thinking it was defective but the new one does the same thing. I hope it's me and not the 897D. I hope someone can tell me what I'm doing wrong.
> Thanks
>

27112. Re: Vanity call sign

Yahoo group: FT897 (2009)
Date: 2009-08-02 11:45:03 UTC
From: kj4nts
Topic: 27089 Message: 27112

Thank you! That was a perfectly-composed reply that exactly answered my question. I was not aware of ae7q.com.

--- In FT897@yahoogroups.com, "John Rabold" <yahoohr9@...> wrote:
>
> --- In FT897@yahoogroups.com, "kj4nts" <philsherrod@> wrote:
> >> On an unrelated topic: Does anyone know how long it takes the FCC to process a vanity call sign application? My application has been in the "pending" state for a week. <<
>
> It is off topic for this Yahoo group, but ... the site http://www.ae7q.com/ will tell you what you need to know. The status of your application is at http://bit.ly/XQO2a That shows the prediction that you will be granted W4PHS. It also shows that your receipt date was July 23. Back on the site home page, scroll down to the table headed "Pending application prediction summary". In that table, you will see that applications with the receipt date of July 23 will be processed on August 11. If you click on the "Tue 2009-08-11" link you will go to a table of everything the FCC is expected to do with vanity applications on that day. Scroll down and you'll see what's going to happen to your application.
>
> John KS6M
>

27113. Re: [FT897] Paddles and Canned Messages

Yahoo group: FT897 (2009)
Date: 2009-08-02 13:45:21 UTC
From: Noel Zeibari
Topic: 27104 Message: 27113

Tom.

Thanks and appreciate your reply to help.

I hope I am interpreting your instruction correctly.

The data cable from radio is attached to sigalink. Can I just

Connect the tip of the CW interface by splicing into the PTT line?

Leave the paddles connected directly to the CW jack.

Noel (OM) N3NZ

----- Original Message -----
From: Thomas Wilson
To: FT897@yahoogroups.com
Sent: Sunday, August 02, 2009 12:48 AM
Subject: Re: [FT897] Paddles and Canned Messages

Here's the problem. You can't use the internal keyer and an external
keyer on the key jack at the same time.

You can key using the PTT line on the data port; make a splitter:
bring the PTT line over to your keying interface and run the audio
lines to the Signalink. Since the Signalink uses a relay to key the
radio, you can run the PTT wire to the Signalink and to your keying
interface.

Whenever the radio is in CW mode (or any non-data mode with Auto CW
turned on), the PTT line on the data jack will send a CW tone. In
digital

You do not need anything but your paddle (and maybe a code key)
connected to the key jack.

On Thu, Jul 30, 2009 at 6:50 AM, voskiarzat<n3nz@...> wrote:
>
>
> Hi all,
>
> I am new to this reflector, and a new owner of an FT-897D. I would like to
> send canned messages and use the paddles also when needed. CAT interface
> cable is attached to COM 7, using a SignaLink USB interface.
> Have a CW interface cable attached to COM 6 with a Y adapter to the CW jack.
> The problem is, when I hook it up, it continuously keys the Transmitter
> until I press the [KYR] C button to disconnect the Keyer, and only then I
> can use the canned messages.

> But then I can't use the paddles. I don't want to reach behind the rig and
> keep changing plugs.
> Any solution or schematic to the problem?
>
> 73, Noel (OM) N3NZ
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.392 / Virus Database: 270.13.39/2275 - Release Date: 08/01/09 09:38:00

[Non-text portions of this message have been removed]

27114. Re: [FT897] Need Help with FT897D setup

Yahoo group: FT897 (2009)
Date: 2009-08-02 15:32:31 UTC
From: Jim Webster
Topic: 27110 Message: 27114

Mike, are you using the Signalink USB (recommended)? If so the Siginalink supplies the cables. That is
if you purchased it from Tigertronics. Signalink USB only uses 2 cables. 1 one from acc port on radio to
Signalink USB interface. 2 One from Signalink USB interface to USB port on Computer.
Jim KI6PYZ

From: Michael Warren <michael.o.warren@...>
To: FT897@yahoogroups.com
Sent: Sunday, August 2, 2009 2:55:54 AM
Subject: [FT897] Need Help with FT897D setup

I have an FT897D, FC-30, and a Signalink. Currently I have the FT897D connected
to my computer using a Belkins usb/serial adaptor to hookup the the serial connection to a usb port on the computer. I am using the Ham Radio Deluxe software.

What are the accessories that I need to connect the radio, computer, FC-30 tuner and the Signalink?

Mike
ka5rej

[Non-text portions of this message have been removed]

27115. Re: FT 897D RTTY Side Tone

Yahoo group: FT897 (2009)
Date: 2009-08-02 16:21:04 UTC
From: Ron
Topic: 27105 Message: 27115

Disregard. Need to read more about the sound card interface to the 897.
Ron

--- In FT897@yahoogroups.com, "Ron" <rm2642@...> wrote:
>
> Is there a way to monitor the FT897 MARK - Space Tones or do I need an external monitor source? Got the hardware, software and cables hooked up but can't hear what I'm sending like I do for CW Side Tone.
> Thanks,
> Ron n6paa
>

27116. CW problem in the FT 897 D.

Yahoo group: FT897 (2009)
Date: 2009-08-02 16:32:44 UTC
From: dennis baker
Topic: 27116 Message: 27116

GM all

First of all, I love the FT 897D but have to send it in when it stopped sending dashes from the CW plug in.

A while back there was a string about the 897 failing in CW around high RF fields. I prototyped an opto-isolator circuit and attacthed on the back of my rig. It has behaved very well include 2 field day operations. Now it is time for installing the opto-isolator circuit inside of the radio. I have developed a circuit assemply to be glue on the circuit board and jumpers for attaching this circuit to the main circuit board.

I am looking for someone to comment on this idea. I have several pictures available.

I have developed a procedure to do this and want comments on any posible problems that may be overlooked.

73s es cul
Dennis
KE0QM

27117. Re: [FT897] Paddles and Canned Messages

Yahoo group: FT897 (2009)
Date: 2009-08-02 18:46:28 UTC
From: Tom Wilson
Topic: 27104 Message: 27117

Yes. You should be able to splice the ptt and ground wires. This is
very similar to what I do.

Sent from my iPhone

On Aug 2, 2009, at 6:45 AM, "Noel Zeibari" <n3nz@...> wrote:

> Tom.
>
> Thanks and appreciate your reply to help.
>
> I hope I am interpreting your instruction correctly.
>
> The data cable from radio is attached to sigalink. Can I just
>
> Connect the tip of the CW interface by splicing into the PTT line?
>
> Leave the paddles connected directly to the CW jack.
>
> Noel (OM) N3NZ
>
> ----- Original Message -----
> From: Thomas Wilson
> To: FT897@yahoogroups.com
> Sent: Sunday, August 02, 2009 12:48 AM
> Subject: Re: [FT897] Paddles and Canned Messages
>
> Here's the problem. You can't use the internal keyer and an external
> keyer on the key jack at the same time.
>
> You can key using the PTT line on the data port; make a splitter:
> bring the PTT line over to your keying interface and run the audio
> lines to the Signalink. Since the Signalink uses a relay to key the
> radio, you can run the PTT wire to the Signalink and to your keying
> interface.
>
> Whenever the radio is in CW mode (or any non-data mode with Auto CW
> turned on), the PTT line on the data jack will send a CW tone. In
> digital
>
> You do not need anything but your paddle (and maybe a code key)
> connected to the key jack.
>
> On Thu, Jul 30, 2009 at 6:50 AM, voskiarzat<n3nz@...> wrote:
> >
> >

> > Hi all,
> >
> > I am new to this reflector, and a new owner of an FT-897D. I would
> like to
> > send canned messages and use the paddles also when needed. CAT
> interface
> > cable is attached to COM 7, using a SignaLink USB interface.
> > Have a CW interface cable attached to COM 6 with a Y adapter to
> the CW jack.
> > The problem is, when I hook it up, it continuously keys the
> Transmitter
> > until I press the [KYR] C button to disconnect the Keyer, and only
> then I
> > can use the canned messages.
> > But then I can't use the paddles. I don't want to reach behind the
> rig and
> > keep changing plugs.
> > Any solution or schematic to the problem?
> >
> > 73, Noel (OM) N3NZ
> >
> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.392 / Virus Database: 270.13.39/2275 - Release Date:
> 08/01/09 09:38:00
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

27118. Re: CW filter turns off all audio

Yahoo group: FT897 (2009)
Date: 2009-08-02 23:20:38 UTC
From: mikebenack
Topic: 27102 Message: 27118

--- In FT897@yahoogroups.com, "dj7sw" <dj7sw@...> wrote:
>
>
> Plug the filter and turn it! (No, not around) You mounted it downside up. Next time read that f... manual, it has a little picture on page 64.
> 55 de Lup, DJ7SW
>
> --- In FT897@yahoogroups.com, "mikebenack" <mwb@> wrote:

Thanks Louis and Lup. That was it. Upside down. The manual is worthless. Working fine now.
Thanks
Mike

> > Hi gang, this is my first post here. Been reading the posts for a few weeks now. Having a little problem with the YF-122 CN filter.

27119. RE: [FT897] Need Help with FT897D setup

Yahoo group: FT897 (2009)
Date: 2009-08-02 23:57:16 UTC
From: Michael Walker (VA3MW)
Topic: 27110 Message: 27119

I think this was just answered a week ago.

From: Michael Warren [mailto:michael.o.warren@...]
Sent: Sunday, August 02, 2009 5:56 AM
To: FT897@yahoogroups.com
Subject: [FT897] Need Help with FT897D setup

I have an FT897D, FC-30, and a Signalink. Currently I have the FT897D connected
to my computer using a Belkins usb/serial adaptor to hookup the the serial connection to a usb port on the computer. I am using the Ham Radio Deluxe software.

What are the accessories that I need to connect the radio, computer, FC-30 tuner and the Signalink?

Mike
ka5rej

[Non-text portions of this message have been removed]

27120. Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 03:42:40 UTC
From: kj4nts
Topic: 27120 Message: 27120

I have two questions related to grounding my FT-897:

1. I have about a 50 foot run from the 897 to the ground stake. What is the minimum gauge wire that is acceptable for this?

2. My 897 has the FP-30 internal AC power supply. An ohmmeter check shows that the power line ground is connected to the ground point on the back of the radio. Is there any problem in having both the power line ground and a separate ground rod connected to the ground? I vaguely remember some electrical code that forbids more than one ground point for an electrical system in a home.

27121. Re: [FT897] Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 05:33:49 UTC
From: Thomas Wilson
Topic: 27120 Message: 27121

In my experience, there's no single answer to grounding problems, but
I do have the best luck when equipment is grounded at a single source.
There are several reasons to ground your equipment, and the reasons
can sometimes be mutually problematic.

I generally follow the "single ground" rule: I try to ground all my
equipment at one point, and I use ground-lifted cables or isolation
transformers for audio lines. The key is that each piece of equipment
is connected to ground at one source only.

In the case of your radio and antennas, you should look at what works
best. The most important issue, aside from safety, is probably
transmit interference. You don't want your radio in the phones, TV, or
stereo. After that, work on receive noise.

As far as the antenna ground goes, I believe the single-ground
requirement for the house is to make sure that all of the outlets are
connected to the same ground. Grounding your antenna doesn't affect
that, since your antenna is not connected directly to the AC mains.
(The usual applies: I am not an electrician, so don't sue me if I'm
wrong.)

On Sun, Aug 2, 2009 at 8:42 PM, kj4nts<philsherrod@...> wrote:
>
>
> I have two questions related to grounding my FT-897:
>
> 1. I have about a 50 foot run from the 897 to the ground stake. What is the
> minimum gauge wire that is acceptable for this?

> 2. My 897 has the FP-30 internal AC power supply. An ohmmeter check shows
> that the power line ground is connected to the ground point on the back of
> the radio. Is there any problem in having both the power line ground and a
> separate ground rod connected to the ground? I vaguely remember some
> electrical code that forbids more than one ground point for an electrical
> system in a home.
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27122. Re: [FT897] Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 06:35:25 UTC
From: Gary Altig
Topic: 27120 Message: 27122

DE N7UVL ($.02),
I believe when researching the grounding aspects,
you will find that all electrical devices at a location
need to be on the same "AC" electrical ground in
order to prevent possible ground loop potential
differences between devices. I don't think that
concept prevents additional grounding.
-Note: Before electrical codes were changed, I
was once shocked using an electric drill near
one of the old time room water radiators.
-RF grounding is "sometimes" a bit different. While
RF grounding may share the same path on a chassis
in modern equipment, this has not always been
the design on "vintage" equipment. Some vintage
equipment had chassis that were not actually grounded.
Sometimes even the antenna ground connection on
the back was not connected to the chassis. There
are circuit mods to bring these older pieces up to RF
& AC safety compliance. Unless those mods are put
in place, a vintage piece of equipment may have a
"Hot" (and unsafe) chassis./ga

[Non-text portions of this message have been removed]

27123. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 10:15:46 UTC
From: kj4nts
Topic: 27120 Message: 27123

The internal Yaesu FP-30 power supply connects the ground from the power mains to the radio chassis which, of course, is connected to the ground terminal on the back of the radio. So I will have two ground connections running to the radio: (1) the power line (mains) ground, and (2) my ground rod. The ground rod for the power line ground is at the opposite end of the house from my radio ground rod.

What gauge wire is required for a 50 foot run from the radio to the ground rod?

I have not yet connected the radio to my ground rod, so the only ground is through the power line. I am getting a great deal of transmitted audio pickup through my computer sound system. I am hoping a good earth ground rod will solve that problem.

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> In my experience, there's no single answer to grounding problems, but
> I do have the best luck when equipment is grounded at a single source.
> There are several reasons to ground your equipment, and the reasons
> can sometimes be mutually problematic.
>
> I generally follow the "single ground" rule: I try to ground all my
> equipment at one point, and I use ground-lifted cables or isolation
> transformers for audio lines. The key is that each piece of equipment
> is connected to ground at one source only.
>
> In the case of your radio and antennas, you should look at what works
> best. The most important issue, aside from safety, is probably
> transmit interference. You don't want your radio in the phones, TV, or
> stereo. After that, work on receive noise.
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> As far as the antenna ground goes, I believe the single-ground
> requirement for the house is to make sure that all of the outlets are
> connected to the same ground. Grounding your antenna doesn't affect
> that, since your antenna is not connected directly to the AC mains.
> (The usual applies: I am not an electrician, so don't sue me if I'm
> wrong.)
>
>
> On Sun, Aug 2, 2009 at 8:42 PM, kj4nts<philsherrod@...> wrote:
> >
> >
> > I have two questions related to grounding my FT-897:
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> > 1. I have about a 50 foot run from the 897 to the ground stake. What is the
> > minimum gauge wire that is acceptable for this?
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> > that the power line ground is connected to the ground point on the back of
> > the radio. Is there any problem in having both the power line ground and a
> > separate ground rod connected to the ground? I vaguely remember some
> > electrical code that forbids more than one ground point for an electrical
> > system in a home.
> >
> >
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>

27124. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 13:42:55 UTC
From: Thomas Wilson
Topic: 27120 Message: 27124

This is where you experiment. :)

Is your computer connected to the radio (via a CAT cable or sound card interface?) Do you get noise in the speakers when you have the CAT cable and sound card interface disconnected? I had no luck with RF chokes; that's why I bought a Bluetooth adapter for the CAT cable and built an audio interface using audio transformers and an optocoupler.

Or you may need a better sound system. I recently had the same problem. Switching amplifiers solved the problem (I was running a 12 volt car stereo amplifier. I pulled it out and put in a home theater receiver.)

As to grounding the radio to your antenna grounding rod... the bigger the better, but I think you'll find that 12 or 10ga is the largest you can actually work with.

On Mon, Aug 3, 2009 at 3:15 AM, kj4nts<philsherrod@...> wrote:
>
>
> The internal Yaesu FP-30 power supply connects the ground from the power
> mains to the radio chassis which, of course, is connected to the ground
> terminal on the back of the radio. So I will have two ground connections
> running to the radio: (1) the power line (mains) ground, and (2) my ground
> rod. The ground rod for the power line ground is at the opposite end of the
> house from my radio ground rod.
>
> What gauge wire is required for a 50 foot run from the radio to the ground
> rod?
>
> I have not yet connected the radio to my ground rod, so the only ground is
> through the power line. I am getting a great deal of transmitted audio
> pickup through my computer sound system. I am hoping a good earth ground rod
> will solve that problem.
>
> --- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>>
>> In my experience, there's no single answer to grounding problems, but
>> I do have the best luck when equipment is grounded at a single source.
>> There are several reasons to ground your equipment, and the reasons
>> can sometimes be mutually problematic.
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>> I generally follow the "single ground" rule: I try to ground all my
>> equipment at one point, and I use ground-lifted cables or isolation
>> transformers for audio lines. The key is that each piece of equipment
>> is connected to ground at one source only.

>>
>> In the case of your radio and antennas, you should look at what works
>> best. The most important issue, aside from safety, is probably
>> transmit interference. You don't want your radio in the phones, TV, or
>> stereo. After that, work on receive noise.
>>
>> As far as the antenna ground goes, I believe the single-ground
>> requirement for the house is to make sure that all of the outlets are
>> connected to the same ground. Grounding your antenna doesn't affect
>> that, since your antenna is not connected directly to the AC mains.
>> (The usual applies: I am not an electrician, so don't sue me if I'm
>> wrong.)
>>
>>
>> On Sun, Aug 2, 2009 at 8:42 PM, kj4nts<philsherrod@...> wrote:
>> >
>> >
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>> > the radio. Is there any problem in having both the power line ground and
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>> > electrical
>> > system in a home.
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>>
>> --
>> Tom Wilson
>> wilsontp@...
>> (619)342-1391
>> KI6ABZ
>>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27125. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 14:05:01 UTC
From: john_kb0ne
Topic: 27120 Message: 27125

Hi,
As far as RF and grounding goes... the more conducting surface area of the ground wire the better. It is usually recommended to use a flat copper ribbon or heavy braid.

For a 50 foot run I'd think that using the ground shield of RG8 coax would probably work out fine for you since that gives a lot of surface area for RF to conduct on. No, you don 't need to separate the shield braid from the coax. Solder the braid to the center conductor at either end. Using regular house wire won't offer the same surface area.... RF likes to float on top of the conductor and the interior conductor material is pretty much useless.

You might be able to find a heavy braid for less $ per foot but the coax shield has some advantages as far as being insulated for a long run which offers some protection.

It would be a good idea to use a good AC voltmeter to see if there is any ground loop voltage between the rig (Plugged in) and the RF ground before attaching it to the rig.

My station uses a special type of wire called LITZ wire The only reason I'm using that is because I got it free Litz wire has hundreds of very small wires braided together which are insulated from one another. This type of wire conducts RF quite nicely at lower frequencies as well as having a good amount of current carrying capability in case of a lightening strike.

So far the consumer equipment around me has never been RF'd so no complaints from the XYL and that's a good thing!

Hope that helps. John KB0NE

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>
> The internal Yaesu FP-30 power supply connects the ground from the power mains to the radio chassis which, of course, is connected to the ground terminal on the back of the radio. So I will have two ground connections running to the radio: (1) the power line (mains) ground, and (2) my ground rod. The ground rod for the power line ground is at the opposite end of the house from my radio ground rod.
>
> What gauge wire is required for a 50 foot run from the radio to the ground rod?
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> I have not yet connected the radio to my ground rod, so the only ground is through the power line. I am getting a great deal of transmitted audio pickup through my computer sound system. I am hoping a good earth ground rod will solve that problem.
>

27126. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 14:01:21 UTC
From: Lew Phelps K6LMP
Topic: 27120 Message: 27126

I am not a licensed electrician, but for reasons not worth discussion here, I have become quite familiar with the residential portions of the National Electric Code, and done a lot of residential wiring work under the supervision of a licensed electrical contractor who held a PhD in electrical engineering.

Between that background and what I have learned from ARRL publications and elsewhere about transmitter grounding, I offer the following:\

1. Purely from an AC mains standpoint, the ground wire should be large enough to carry the entire current that can possibly flow through it if a dead short occurs within the equipment. If the circuit in question has a 20 amp circuit breaker, then the maximum current that could flow through the ground wire (before the breaker trips) is 20 amps. For a 50 foot run, #12 wire is sufficient from an NEC viewpoint. The NEC specifically allows grounding the "third plug" of a socket to a cold water pipe, for example, if a "system groundd" wire is not available at that location (for example in an older house where the wiring is only two conductor). But that is not the "driving issue."

2. From an RF grounding standpoint, it is desirable to have the largest possible wire size running the shortest possible distance between your shack and the ground stakes. Within the shack, best practice is a short (several feet) "grounding bar" of large diameter. I use a 2 foot section of 1.5" diameter copper plumbing pipe, drilled and tapped for 1/4-28 thread bolts, and all RF-carrying devices are grounded to that bar with 1" wide braided copper straps, 1 foot length. The grounding bar is connected to ground rods with 2/0 stranded wire (0.3648" conductor diameter). The first ground rod is a 5 foot run of 00 wire from the grounding bar, and there are four additional ground rods, spaced about 20 feet apart, connected in series to each other with 00 wire. The grounding rods are 1/2" copper rods, available at big box hardware and electrical supply stores. This is an adequate, but not great, RF grounding system.

The general rules for RF grounding are (1) shortest possible run from station ground to earth ground, preferably less than 1/4 wavelength on the highest frequency you'll be transmitting on. (2) Use as large diameter conductor as possible -- either large wire or large flat braid (or you can use the braided copper wire shielding from large diameter coaxial cable.) (3) Make sure all connections are properly bonded (clamped) and if exposed to weather, protected from corrosion. I use GE Silicon Bathroom Sealant to protect all bonding joints.

The reason you need much larger diameter wire for RF grounding is that inductive reactance increases with wire length, but decreases with

conductor diameter. Large diameter conductors help to offset the inductive reactance of long ground wire runs. If a run of ground wire is 1/4 wave length, or any odd multiple of a quarter wave length, for the frequency being transmitted, it will be, in effect, a ground-reversal device. There will be zero voltage at the ground stake, but whatever RF voltage is "available" to the system (from the transmission line, typically) will be at a maximum at the other end of the ground wire -- your transmitter! If the ground run is not exactly 1/4 wave length, you'll still have voltage at the transmitter end of the grounding system, proportional to the phase position of the signal on the ground wire. With the 100 watt output of an FT-897, RF voltages can be a problem from an equipment standpoint, but not likely to be lethal. With a full 1.5KW legal limit linear amplifier, you're talking about (under some circumstances) several thousand volts!

A 50 foot ground wire run is a horrible solution, because it creates 1/4 wave length multiples for so many frequencies. For example, it's very close to a perfect odd multiple of a quarter wavelength on 20, 15, and 12 meters, and it's an EXACT odd multiple of quarter wave lengths on portions of the 10, 6, and 2 meter and 70 cm bands. If you change the length slightly, you just shift the worst problems to other frequencies.

There is a detailed and very good discussion of the issue and possible fixes at http://www.radioworks.com/nbgnd.html.

In particular, if you really can't avoid a 50 foot run from the ground stake to your rig, don't bother running the ground wire. It will create more problems than you have without an RF ground. Your house lines will provide grounding for the 110/220 VAC house power, but you'll have to deal with the RF ground problem another way. Read his discussion of a counterpoise.

As for your question about multiple grounds within a residential system, the NEC does not prohibit multiple grounds. They can cause problems from ground loop current, but that's an RF issue, not a house mains issue.

73

Lew K6LMP

27127. RE: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 15:30:06 UTC
From: D. F.
Topic: 27120 Message: 27127

In #2, the key phrase is "largest possible wire running the shortest possible distance." Remember that ANY wire used for ANY purpose (computer cables, speaker wire, ground wires, etc) become resonant at certain frequencies the longer they get. A 50 foot run of ground wire, IMO, is WAY TOO LONG! If you can shorten it in anyway, it would be best.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lew Phelps K6LMP
Sent: Monday, August 03, 2009 09:01
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Grounding the FT-897

I am not a licensed electrician, but for reasons not worth discussion here, I have become quite familiar with the residential portions of the National Electric Code, and done a lot of residential wiring work under the supervision of a licensed electrical contractor who held a PhD in electrical engineering.

Between that background and what I have learned from ARRL publications and elsewhere about transmitter grounding, I offer the following:\

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2. From an RF grounding standpoint, it is desirable to have the largest possible wire size running the shortest possible distance between your shack and the ground stakes. Within the shack, best practice is a short (several feet) "grounding bar" of large diameter. I use a 2 foot section of 1.5" diameter copper plumbing pipe, drilled and tapped for 1/4-28 thread bolts, and all RF-carrying devices are grounded to that bar with 1" wide braided copper straps, 1 foot length. The grounding bar is connected to ground rods with 2/0 stranded wire (0.3648" conductor diameter). The first ground rod is a 5 foot run of 00 wire from the grounding bar, and there are four additional ground rods, spaced about 20 feet apart, connected in

series to each other with 00 wire. The grounding rods are 1/2" copper rods, available at big box hardware and electrical supply stores. This is an adequate, but not great, RF grounding system.

The general rules for RF grounding are (1) shortest possible run from station ground to earth ground, preferably less than 1/4 wavelength on the highest frequency you'll be transmitting on. (2) Use as large diameter conductor as possible -- either large wire or large flat braid (or you can use the braided copper wire shielding from large diameter coaxial cable.) (3) Make sure all connections are properly bonded (clamped) and if exposed to weather, protected from corrosion. I use GE Silicon Bathroom Sealant to protect all bonding joints.

The reason you need much larger diameter wire for RF grounding is that inductive reactance increases with wire length, but decreases with conductor diameter. Large diameter conductors help to offset the inductive reactance of long ground wire runs. If a run of ground wire is 1/4 wave length, or any odd multiple of a quarter wave length, for the frequency being transmitted, it will be, in effect, a ground-reversal device. There will be zero voltage at the ground stake, but whatever RF voltage is "available" to the system (from the transmission line, typically) will be at a maximum at the other end of the ground wire -- your transmitter! If the ground run is not exactly 1/4 wave length, you'll still have voltage at the transmitter end of the grounding system, proportional to the phase position of the signal on the ground wire. With the 100 watt output of an FT-897, RF voltages can be a problem from an equipment standpoint, but not likely to be lethal. With a full 1.5KW legal limit linear amplifier, you're talking about (under some circumstances) several thousand volts!

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There is a detailed and very good discussion of the issue and possible fixes at http://www.radiowor <http://www.radioworks.com/nbgnd.html.> ks.com/nbgnd.html.

In particular, if you really can't avoid a 50 foot run from the ground stake to your rig, don't bother running the ground wire. It will create more problems than you have without an RF ground. Your house lines will provide grounding for the 110/220 VAC house power, but you'll have to deal with the RF ground problem another way. Read his discussion of a counterpoise.

As for your question about multiple grounds within a residential system, the NEC does not prohibit multiple grounds. They can cause problems from ground loop current, but that's an RF issue, not a house

mains issue.

73

Lew K6LMP

[Non-text portions of this message have been removed]

27128. Re: [FT897] Paddles and Canned Messages (FINAL)

Yahoo group: FT897 (2009)
Date: 2009-08-03 15:44:13 UTC
From: Noel Zeibari
Topic: 27128 Message: 27128

Tom,

Monday morning around 9:00am, tackled the project following your detailed instructions on how to (FIX) operate with the paddles and the CW interface. The work around was very successful. Now I am able to send canned messages F1 thru F12, and use the paddles when needed without pushing the buttons on [KYR] or [BK].

For others who are interested, I stripped the DATA cable about 2 inches midway between the radio and the SignaLink and soldered the CW interface signal to the RED wire, which is the PTT, and ground wire to the BROWN wire, which is GND.

The only observation I like to add, is looking at DATA Jack in the back of the transmitter, PTT is at 3:00 o'clock and the wire color is red. The Ground is located 7:00 o'clock and the color is brown.

Thanks again Tom, have a good day, and a better one tomorrow.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27129. Re: [FT897] Paddles and Canned Messages (FINAL)

Yahoo group: FT897 (2009)
Date: 2009-08-03 16:00:00 UTC
From: Thomas Wilson
Topic: 27128 Message: 27129

Glad I could be of help. :-)

On Mon, Aug 3, 2009 at 8:44 AM, Noel Zeibari<n3nz@...> wrote:
>
>
> Tom,
>
> Monday morning around 9:00am, tackled the project following your detailed
> instructions on how to (FIX) operate with the paddles and the CW interface.
> The work around was very successful. Now I am able to send canned messages
> F1 thru F12, and use the paddles when needed without pushing the buttons on
> [KYR] or [BK].
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> Ground is located 7:00 o'clock and the color is brown.
>
> Thanks again Tom, have a good day, and a better one tomorrow.
>
> 73, Noel (OM) N3NZ
>
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27130. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 16:20:24 UTC
From: oldmayorkd5lbe
Topic: 27120 Message: 27130

From KD5LBE resending

In normal soil ground rods should be 8 foot copper clad steel. All rods at your house should be tied together to equalize any major lightening strike (code). Putting a ground rod down is easy with almost no effort. You need at least a two foot clearance above the rod. Dig a small hole no more that a couple of inches deep where you want the rod to go. Pour some water in the whole. put the sharp end of the rod in the hole and start churning the rod. up and down. As the rod goes down add a little more water. This should get you down at least 6 feet if not seven. What ever you have left should drive in with little or no problem. I put in many a rod with Memphis Light Gas and Water and at my house. You can even impress your friends with how easy it is. This doesn't work in rock, frozen ground, or rocky soil. This all assumes that you are at ground level looking for a grounding location. If you can't do this be sure to first by HAM radio insurance from the ARRL, and second to disconnect your radio and antenna in bad weather and have a surge protector on the power cord, the best you can afford. Grounding RF and Electrical are serious business. I have a friend in a wheelchair for life because he didn't take it serious.

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> In #2, the key phrase is "largest possible wire running the shortest
> possible distance." Remember that ANY wire used for ANY purpose
> (computer cables, speaker wire, ground wires, etc) become resonant at
> certain frequencies the longer they get. A 50 foot run of ground wire,
> IMO, is WAY TOO LONG! If you can shorten it in anyway, it would be best.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Lew Phelps K6LMP
> Sent: Monday, August 03, 2009 09:01
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Re: Grounding the FT-897
>
>
> I am not a licensed electrician, but for reasons not worth discussion
> here, I have become quite familiar with the residential portions of
> the National Electric Code, and done a lot of residential wiring work
> under the supervision of a licensed electrical contractor who held a
> PhD in electrical engineering.
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> could flow through the ground wire (before the breaker trips) is 20
> amps. For a 50 foot run, #12 wire is sufficient from an NEC
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> is not available at that location (for example in an older house where
> the wiring is only two conductor). But that is not the "driving issue."
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> largest possible wire size running the shortest possible distance
> between your shack and the ground stakes. Within the shack, best
> practice is a short (several feet) "grounding bar" of large diameter.
> I use a 2 foot section of 1.5" diameter copper plumbing pipe, drilled
> and tapped for 1/4-28 thread bolts, and all RF-carrying devices are
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> length. The grounding bar is connected to ground rods with 2/0
> stranded wire (0.3648" conductor diameter). The first ground rod is a
> 5 foot run of 00 wire from the grounding bar, and there are four
> additional ground rods, spaced about 20 feet apart, connected in
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> I use GE Silicon Bathroom Sealant to protect all bonding joints.
>
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> inductive reactance increases with wire length, but decreases with
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> is 1/4 wave length, or any odd multiple of a quarter wave length, for
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27131. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 17:09:55 UTC
From: kj4nts
Topic: 27120 Message: 27131

I could put a surface wire counterpoise in the crawl space under my office where the radio is located. If I did that, there would be only about a 5 or 6 foot run to the center point of the counterpoise.

Assuming the counterpoise wires are laying on the dirt floor of the crawl space, how many wires would I need, and how long do they need to be. I want to be able to work 6 through 40 meters.

If I install a wire counterpoise like this, is there any problem also connecting the earth ground connection to the central ground bar in my office?

The attic antenna is an Alpha Delta DX-EE.

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
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> certain frequencies the longer they get. A 50 foot run of ground wire,
> IMO, is WAY TOO LONG! If you can shorten it in anyway, it would be best.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> Lew Phelps K6LMP
> Sent: Monday, August 03, 2009 09:01
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] Re: Grounding the FT-897
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27132. RE: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 17:29:15 UTC
From: D. F.
Topic: 27120 Message: 27132

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The idea behind equipment grounding is twofold; one to reduce/eliminate rf getting into your equipment, and two, also to assist in reducing/eliminating damage to your equipment from lightning strikes.

The first is why the wire should be as short as possible, the second is electricity travels the path of shortest and least resistance. So, having the shortest grounding wire, helps to ensure proper elimination/reduction of rf and electrical damage.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kj4nts
Sent: Monday, August 03, 2009 12:10
To: FT897@yahoogroups.com
Subject: [FT897] Re: Grounding the FT-897

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The attic antenna is an Alpha Delta DX-EE.

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> Lew Phelps K6LMP
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> Subject: Re: [FT897] Re: Grounding the FT-897
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27133. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 17:47:32 UTC
From: kj4nts
Topic: 27120 Message: 27133

I understand and agree with both of your points. However, short of moving to a different house, I have to live with the limitations of my home geometry.

There is no way to get from my office to the outside ground without a 50 foot run.

An outside buried counterpose would be extremely difficult. We have many buried wires for sprinker systems, low and high voltage outside lighting, phone, alarm, and cable connections fanning out from the side of the house where the counterpoise would have to start. I can get between the wires to drive ground stakes, but if I start digging long trenches I am going to cut many wires. Also, even if I used an outside counterpoise, it would be a 50 foot run to get from the FT-897 to it.

So, an alternative is to lay wires on the dirt floor in the crawl space under my office and try to form a counterpoise that way. But if I do that for an RF ground, I would still like to have a connection from the FT-897 to a good earth ground for lightining and general safety reasons.

If it helps, I can lay the 50 foot wire running to the ground rod directly on the dirt floor. Maybe the close proximity to the ground would add RF grounding to the long ground wire.

If I construct a radial counterpoise in the crawl space, how long do the radials need to be to handle 6-40 meters? And how many radials are needed?

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
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27134. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 18:03:01 UTC
From: Lew Phelps K6LMP
Topic: 27120 Message: 27134

I completely concur with Dennis that a 50 foot ground wire is far too long for RF purposes. The goal is to use as short as possible a ground wire between the shack and the rig, knowing that the longer the wire, the more ham-band frequencies will be 1/4 wave resonant. Shortening the wire is far more significant than increasing its diameter.

The only purpose of a larger diameter wire is to reduce the inductive reactance for whatever length of wire you are running, but larger wire is not a substitute for a short wire run.

A calculator is available online at http://www.consultrsr.com/resources/eis/induct5.htm to calculate the inductive reactance of a straight piece of wire of a given diameter and length. To take two examples, #14 wire has a diameter of 1.62814 mm. A run of 15 meters (appx. 50 feet) has an inductance of about 29.2 µH. Changing the diameter to 2/0 wire (9.25 mm diameter) reduces the inductance to 26 µH -- a little help, but not much.

On the other hand, a 1.5 meter (10 times shorter) run of #14 wire possesses inductance of about 2.2 µH, and a 1.5 meter run of 2/0 wire only 1.7 µH. Thus, a 50-foot run of #14 wire will have 13 times as much inductance as a 5 foot run of #14 wire, and 17 times as much as a 5 foot run of #00 wire, which means the longer wire has the potential to create up to 17 times as much voltage at the rig as the shorter wire, not even counting quarter-wave issues. The increase in inductance is not a linear function of wire length. The formula is :

In this equation, L is the inductance in nH (10-9 henry), l is the length and d is the diameter of the wire/rod (both in cm). µ is the permeability of the material (=1.0, except for iron and other ferromagnetic materials).

You can work through the formula if you wish, but a simple demonstration with the online calculator shows the effect. Holding all other factor equal, here are the inductance numbers for #14 wire at various lengths:

1 meter = 1.4 µH
10 meters = 18.7 µH (10 times length gives 13.4 times inductance)
15 meters = 29.3 µH (15 times length gives 21 times inductance) (this is your 50 foot wire)
100 meters = 233 µH (ten times length gives 12.5 times inductance and 100 times length gives 166 times inductance)

changing the wire size to #00 provides a little relief:
1 meter = 1.06 µH
10 meters = 15.2 µH

100 meters = 197.6 µH

As you can see, wire length is VASTLY more significant than wire diameter.

To compound the problem, inductive reactance as a direct function of frequency. (the formula is

This says that if you quadruple the frequency, inductive reactance increases fourfold, Thus, RF energy imposed onto the ground wire at 28 mHz will encounter 4 times the inductive reactance as energy at 7 mHz. This means that (setting quarter wave resonance issues aside) you'll get four times as much voltage drop over the wire and four times as much voltage at the rig on 10 meters as you would on 40 meters.

The problem is compounded by the higher probability that a longer ground wire will be quarter -wave resonant as you move to higher bands. Voltage at the rig is maximized at quarter-wave resonance or odd multiples thereof. a five-foot wire is fairly close to quarter-wave resonance on the six meter band, and the third multiple on 2 meters. Hmmm. I should look carefully at my setup. A wire run of either 4 feet or 6 feet would move the resonance points outside of ham bands. I think the distance of the ground stake above ground counts, so my 5 feet of 00 wire plus a foot of ground stake is less problematic than 5 feet between the rig and ground itself. Dennis, do you concur?

All of which is intended to reinforce the point that -- as Dennis said and I agree -- a 50 foot run of ground wire is 'way too long.

Dennis is also correct that the NEC says that in general, all grounding rods should be tied together, but the NEC does make some exceptions. Best practice is to tie them all together.

And yes, I have lightning arrestors build into the antenna system to carry the energy from lightning strikes on the antenna directly to ground. Living in Southern California, where we almost never have lightning, I forgot to mention that issue, but it's of real concern in most parts of the country.

Lew K6LMP

On Aug 3, 2009, at 9:20 AM, oldmayorkd5lbe wrote:
>
> [snip] A 50 foot run of ground wire, IMO, is WAY TOO LONG! If you
> can shorten it in anyway, it would be best.
> >
> > Dennis - N8BMB
> >
>

[Non-text portions of this message have been removed]

27135. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 18:25:05 UTC
From: Lew Phelps K6LMP
Topic: 27120 Message: 27135

The short answer for counterpoise construction is a separate wire cut to 1/4 wavelength or slightly longer for each band on which you're operating. They can be run around the edge of a room, under carpets, or in a crawl space, parallel with each other so long as they are not actually touching each other (or are insulated). You can get by with eliminating a few wires, because (for example) 80 meters is the third multiple of 30 meters, and 40 a multiple of 15 meters.

Lew K6LMP

On Aug 3, 2009, at 10:47 AM, kj4nts wrote:
>
> If I construct a radial counterpoise in the crawl space, how long do
> the radials need to be to handle 6-40 meters? And how many radials
> are needed?
>
> -

[Non-text portions of this message have been removed]

27136. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 18:50:49 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 27120 Message: 27136

KJ4NTS,

I don't think that you need a *counterpoise* at all, because you are using an Alpha Delta DX-EE, which is a fan dipole. Dipoles are balanced. Counterpoises are used with monopole (vertical) antennas to provide the other half of the antenna, in effect.

Do you have high resistivity soil? If so, you may want to put radials down to improve ground return. I would not call this a counterpoise. In this case the radials would connect to (RF) ground. These should not be buried, just at ground level. They can even be stapled to the lawn or soil.

If your antenna is not working well, you want to move it out of the attic, if possible, and up a half wavelength above everything. That is the ideal. In reality, you can only do your best.

Do make sure your station is safe. This includes lightning protection and making sure RF levels are safe in your home (and your neighbors'). Since there is a '4' in your call, you probably need lightning protection. I have done this, even though we don't get many thunderstorms here.

Rob
AF6CM

27137. RE: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 20:15:50 UTC
From: D. F.
Topic: 27120 Message: 27137

Just a few more thoughts from reading posts ☐ counterpoise does no good if it is buried! RF cannot penetrate the ground! Burying your counterpoise defeats the purpose of having it. It is like a shunt, it is supposed to pick up ☐stray☐ RF (so to speak) and remove it from ☐inside☐ the loop ☐shunting☐ it to ground and away from electronics.

Your counterpoise should be around the OUTSIDE of your home, around the foundation, if you want it to work the way it should. Under the home is defeating the purpose again. Laying it on the ground is ok, but if you could prop it about an inch off the ground helps.

For those who may live in a mobile home (ANY YEAR) ☐ IT MAKES NO DIFFERENCE!!! The home STILL NEEDS that counterpoise!

My grounds have always been #10 or #8 SOLID WIRE run from the strap on the back of my home built radio shelving (all wood) to the outside ground rod directly under the window from my shack. The run was about 12 feet (a little longer than I wanted, but, like was stated, gotta make the shortest run).

Remember that the longer your wire, you are creating an antenna that will be resonant SOMEWHERE! If for HF, try to stay under 15 feet for best results. However, as I stated before, the shorter the wire, the better.

Because I do not know what type of housing you are in (Actual house, condo, apartment, etc), couldn☐t you put your shack closer to an exterior wall that would help shorten your run of wire? How about the basement?

Now, that said, you can try this: Take some RG-8 and use the center conductor for your ground. Take the shielding and use that to ☐ground☐ the ground. The shield should trap stray RF and remove it from the center ground. YES, both center and shield must be separately grounded. When you fray the ends, DO NOT go more than a few inches up from the ends of the coax! That may work for a ☐long☐ run and help keep RF at bay!

As far as the rod is concerned, A few inches high is good enough. By ☐a few☐ I mean 2 to 6 inches. The majority of the rod should be in the ground to maximize dispersal. You only really need 2 to 4 inches to connect the ground wire to the rod, so having a foot or two out of the ground is a waste, IMO.

Hope this helps!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lew Phelps K6LMP
Sent: Monday, August 03, 2009 13:03
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Grounding the FT-897

I completely concur with Dennis that a 50 foot ground wire is far too long for RF purposes. The goal is to use as short as possible a ground wire between the shack and the rig, knowing that the longer the wire, the more ham-band frequencies will be 1/4 wave resonant. Shortening the wire is far more significant than increasing its diameter.

The only purpose of a larger diameter wire is to reduce the inductive reactance for whatever length of wire you are running, but larger wire is not a substitute for a short wire run.

A calculator is available online at http://www.consultr
<http://www.consultrsr.com/resources/eis/induct5.htm>
sr.com/resources/eis/induct5.htm
to calculate the inductive reactance of a straight piece of wire of a given diameter and length. To take two examples, #14 wire has a diameter of 1.62814 mm. A run of 15 meters (appx. 50 feet) has an inductance of about 29.2 µH. Changing the diameter to 2/0 wire (9.25 mm diameter) reduces the inductance to 26 µH -- a little help, but not much.

On the other hand, a 1.5 meter (10 times shorter) run of #14 wire possesses inductance of about 2.2 µH, and a 1.5 meter run of 2/0 wire only 1.7 µH. Thus, a 50-foot run of #14 wire will have 13 times as much inductance as a 5 foot run of #14 wire, and 17 times as much as a 5 foot run of #00 wire, which means the longer wire has the potential to create up to 17 times as much voltage at the rig as the shorter wire, not even counting quarter-wave issues. The increase in inductance is not a linear function of wire length. The formula is :

In this equation, L is the inductance in nH (10-9 henry), l is the length and d is the diameter of the wire/rod (both in cm). µ is the permeability of the material (=1.0, except for iron and other ferromagnetic materials).

You can work through the formula if you wish, but a simple demonstration with the online calculator shows the effect. Holding all other factor equal, here are the inductance numbers for #14 wire at various lengths:

1 meter = 1.4 µH
10 meters = 18.7 µH (10 times length gives 13.4 times inductance)
15 meters = 29.3 µH (15 times length gives 21 times inductance) (this is your 50 foot wire)
100 meters = 233 µH (ten times length gives 12.5 times inductance and 100 times length gives 166 times inductance)

changing the wire size to #00 provides a little relief:
1 meter = 1.06 µH
10 meters = 15.2 µH
100 meters = 197.6 µH

As you can see, wire length is VASTLY more significant than wire diameter.

To compound the problem, inductive reactance as a direct function of frequency. (the formula is

This says that if you quadruple the frequency, inductive reactance increases fourfold, Thus, RF energy imposed onto the ground wire at 28 mHz will encounter 4 times the inductive reactance as energy at 7 mHz. This means that (setting quarter wave resonance issues aside) you'll get four times as much voltage drop over the wire and four times as much voltage at the rig on 10 meters as you would on 40 meters.

The problem is compounded by the higher probability that a longer ground wire will be quarter -wave resonant as you move to higher bands. Voltage at the rig is maximized at quarter-wave resonance or odd multiples thereof. a five-foot wire is fairly close to quarter-wave resonance on the six meter band, and the third multiple on 2 meters. Hmmm. I should look carefully at my setup. A wire run of either 4 feet or 6 feet would move the resonance points outside of ham bands. I think the distance of the ground stake above ground counts, so my 5 feet of 00 wire plus a foot of ground stake is less problematic than 5 feet between the rig and ground itself. Dennis, do you concur?

All of which is intended to reinforce the point that -- as Dennis said and I agree -- a 50 foot run of ground wire is 'way too long.

Dennis is also correct that the NEC says that in general, all grounding rods should be tied together, but the NEC does make some exceptions. Best practice is to tie them all together.

And yes, I have lightning arrestors build into the antenna system to carry the energy from lightning strikes on the antenna directly to ground. Living in Southern California, where we almost never have lightning, I forgot to mention that issue, but it's of real concern in most parts of the country.

Lew K6LMP

On Aug 3, 2009, at 9:20 AM, oldmayorkd5lbe wrote:
>
> [snip] A 50 foot run of ground wire, IMO, is WAY TOO LONG! If you
> can shorten it in anyway, it would be best.
> >
> > Dennis - N8BMB
> >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27138. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 22:19:10 UTC
From: Charles Scott
Topic: 27120 Message: 27138

Dennis:

I'm going to disagree with you in some ways, but do respect your comments. This has to be one of the most difficult areas of the technology for Hams and there's so much conflicting information out there I don't know how anyone can make sense of it all. So, I'm sure some of my comments are also not going to ring true with many people on the list.

First off. I had a sign at Dayton this year that eventually was mostly erased by the rain (perhaps that should have been a clue). It said "When is a Ground Not a Ground?" The answer to that, of course, is "When there's current!". I think it's helpful for everyone to keep that in mind and that this incontrovertible fact should guide us when we're talking about what is commonly termed an "RF Ground". In essence, there is no such thing, so we need to accept that and look at how we can deal with stray RF issues.

The other thing is that your antenna includes anything attached to it that conducts RF or is close enough for some significant energy to be coupled into it. I believe it's important to keep this in mind and make a conscience decision as to what you want to be part of your antenna and what you don't want to be part of your antenna. Once you make that decision, everything else should be configured to NOT conduct RF or at least to have minimal RF coupled into it.

The direction I'm headed with this is that if you decide that your transmission line, your radio equipment, and your house wiring is not part of your antenna, then handle that accordingly. This means measures to avoid the RF being coupled into those conductors or being conducted by them. If you accept that you can't simply drain stray RF to some magical ground point, and that you can only minimize the effect of it at some location (i.e. using one of the tuneable ground devices), then nearly all such "RF Ground" measures become moot. This is because it doesn't matter what you do, it will be a totally different situation at another frequency and you'll be chasing it again later. The alternative of avoiding the RF in the first place starts to make more sense.

I also want to take the opportunity to differ with you on buried counterpoises (actually part of your antenna). The earth is not simply impenetrable by RF. If it were, many large MF an HF broadcast sites wouldn't have buried counterpoises. That's a whole other discussion though.

Chuck - N8DNX

D. F. wrote:
> Just a few more thoughts from reading posts ? counterpoise does no good

> if it is buried! RF cannot penetrate the ground! Burying your
> counterpoise defeats the purpose of having it. It is like a shunt, it
> is supposed to pick up ?stray? RF (so to speak) and remove it from
> ?inside? the loop ?shunting? it to ground and away from electronics.
>
> Your counterpoise should be around the OUTSIDE of your home, around the
> foundation, if you want it to work the way it should. Under the home is
> defeating the purpose again. Laying it on the ground is ok, but if you
> could prop it about an inch off the ground helps.
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> For those who may live in a mobile home (ANY YEAR) ? IT MAKES NO
> DIFFERENCE!!! The home STILL NEEDS that counterpoise!
>
> My grounds have always been #10 or #8 SOLID WIRE run from the strap on
> the back of my home built radio shelving (all wood) to the outside
> ground rod directly under the window from my shack. The run was about 12
> feet (a little longer than I wanted, but, like was stated, gotta make
> the shortest run).
>
> Remember that the longer your wire, you are creating an antenna that
> will be resonant SOMEWHERE! If for HF, try to stay under 15 feet for
> best results. However, as I stated before, the shorter the wire, the
> better.
>
> Because I do not know what type of housing you are in (Actual house,
> condo, apartment, etc), couldn?t you put your shack closer to an
> exterior wall that would help shorten your run of wire? How about the
> basement?
>
> Now, that said, you can try this: Take some RG-8 and use the center
> conductor for your ground. Take the shielding and use that to ?ground?
> the ground. The shield should trap stray RF and remove it from the
> center ground. YES, both center and shield must be separately grounded.
> When you fray the ends, DO NOT go more than a few inches up from the
> ends of the coax! That may work for a ?long? run and help keep RF at
> bay!
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> As far as the rod is concerned, A few inches high is good enough. By ?a
> few? I mean 2 to 6 inches. The majority of the rod should be in the
> ground to maximize dispersal. You only really need 2 to 4 inches to
> connect the ground wire to the rod, so having a foot or two out of the
> ground is a waste, IMO.
>
> Hope this helps!
>
> Dennis - N8BMB
>
>

27139. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 22:43:34 UTC
From: Jim C
Topic: 27120 Message: 27139

Youy need to read this article. COunterpoise works with dipoles too

http://www.hamuniverse.com/grounding.html

Here is part of what Bill says in that article, but go to the website
and read the whole thing

Years ago I installed a long wire antenna that was about 250 feet long
and about 50 feet in the air. This should work fantastic you say. I
had three ground rods outside window of shack with single ott solid
copper ground wire direct to tuner. Ground wire length was only six
feet. All three rods were spaced about eight feet apart with
connecting bare wire interconnecting them....in other words, a really
good surge ground. What I did not realize at that time was how lousy my
RF ground was. We could not tune the antenna on most frequencies and we
kept getting zapped from the radio or microphone when we transmitted.
Also, our signal reports were lousy. SO, after consulting some experts,
I added 250 feet of counterpoise around the building consisting of some
bare 6 gauge copper wire I had. The radio was on while I rolled it out
and a friend was listening to the broadcast on 40 meters, (OK it was
night time---best time to do antenna work right!) Anyway he reported
the broadcast was only about S 4-5 on meter. As I rolled out the
counterpoise it rose to 40 over S9 and came in much clearer. We were
able to tune everything easily now and SWR was rock stable. When we did
a signal test, the station we had talked to before accused us of running
a contest amplifier. We could not convince them it was only 100 watts,
same as before and the same antenna!

af6cm_yahoo@... wrote:
>
>
> KJ4NTS,
>
> I don't think that you need a *counterpoise* at all, because you are
> using an Alpha Delta DX-EE, which is a fan dipole. Dipoles are
> balanced. Counterpoises are used with monopole (vertical) antennas to
> provide the other half of the antenna, in effect.
>

27140. COUNTERPOISE vs R F EARTH

Yahoo group: FT897 (2009)
Date: 2009-08-04 00:00:57 UTC
From: P Grant
Topic: 27140 Message: 27140

Hello all,

I've just finished reading all 16 posts on the changing subject of RF Earthing and Counterpoise.

I note that in some areas it seems to be allowed that the HOUSE Mains EARTH, can be used as the STATION EARTH !!!

I have a different view of things, and I cannot think how the two subjects can be read as going hand in hand.

First difference ,,, In my shack, all my radio equipment, amplifiers, computers, ect. are through a separate run of 10 Sq T & E [pvcpvc] cable,,, That is P and N, are 10 Sq, and the earth conductor is 6 Sq.with no insulation.

That is the quality of cable used to connect from your meter to your domestic breaker board.

I have a 60 Amp RCBO with 30 ma protection on the board,, and a 45 amp MCB in the shack, which is my main "off" switch.

I have a 3KWatt isolating transformer, connected, and a row of 220 V outlets to supply all my radio stuff. I use NO mains earth, all my equipment is bonded to my Shack "EARTH"

I am on the first floor, bench is 3 feet above the floor.

I have a half inch copper plumbing pipe feeding out to my buried earth spike which is in turn connected to a copper hot water cylinder buried about 4 feet below ground.

All the joints are soldered and so is the connection to the old copper cylinder !. I have a 3 ft piece of plunbing 3/4 inch diameter and all metal cased equipment, is bonded to this inside the shack. That is 13 feet from the ground to the inside of the shack, and the start of the 3/4 piping.
I thankfully, have no RF on the house hold "mains"...[touch wood]

I am lucky that all my antennas are pretty good, and I have little or no RF coming back in, through any co-ax,,, I also have a good electrical path for lightning conduction,,,, I was actually struck by lightning, while holding up a TV antenna while sitting on the roof,,, I felt nothing,,, but my mate who was watching could not believe it.... it was a dry summer day !!

I found my 3KW isolating transformer about 20 years ago,,, it came as "scrap" from some hospital equipment. New ones, [220 / 220] popular in the building trade, for equipment which cannot be had as low voltage [110VAC] cost around ?50.00 and are well worth having.

Our domestic household mains is 220-230VAC, and I have a couple of power supplies which are 110 VAC, and run perfectly through a 2 KWatt "Builders yellow box". run off the isolating transformer 220 VAC output.

I did have a RFI problem when transmitting on 50 MHz,,, buzzing on the PC speakers, and cured that with ferrite rings from a computer PSU. I also had TVI on 70 MHz, and cured that with a coiled co-ax balun at the antenna.[5 turns of 8 inches]

I hope this is some help, and I also hope when I send this,,, well; Murphy says,,,,,

..... sorry for going on so long!!!

Best 73 de Peter EI4HX
<ei4hxperimental@...>

[Non-text portions of this message have been removed]

27141. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-03 23:53:25 UTC
From: Charles Scott
Topic: 27120 Message: 27141

Jim:

You do realize that these are very different situations. In the case of the DX-EE, it is the entire antenna, or should be. In the case of the long wire, that is only 1/2 of the antenna (presumably end-fed) and does require the ground, counterpoise, or whatever you want to call it to be a complete antenna. In that case, the counterpoise was clearly inadequate until it he added more wire. Applying that story to the DX-EE would require disconnecting nearly half of the antenna, then comparing results with that part added back in.

Chuck - N8DNX

Jim C wrote:
> Youy need to read this article. COunterpoise works with dipoles too
>
> http://www.hamuniverse.com/grounding.html
>
>
> Here is part of what Bill says in that article, but go to the website
> and read the whole thing
>
> Years ago I installed a long wire antenna that was about 250 feet long
> and about 50 feet in the air. This should work fantastic you say. I
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> af6cm_yahoo@... wrote:
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>> KJ4NTS,
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>> I don't think that you need a *counterpoise* at all, because you are
>> using an Alpha Delta DX-EE, which is a fan dipole. Dipoles are
>> balanced. Counterpoises are used with monopole (vertical) antennas to
>> provide the other half of the antenna, in effect.
>>
>>

27142. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-04 13:03:31 UTC
From: Jim
Topic: 27120 Message: 27142

To Me, A ground is a ground at the resonant frequency AT the SET. A counterpoise has to be elevated as it is a tuned length.
If a counterpoise is 1/4 wave long (tuned) then the nearby connection to the rig is at a current high or max.
If you let the far end of a counterpoise get grounded, then the near end reverts to a voltage max and your rig is at high SWR condition . At this point the microphone can be RF hot and your lips get sparked --------Ouch! RF burns can take months to heal and into the bargain you have to explain why your lips look as if someone else bit them.
On 10 meters, an 8 ft GROUND wire (grounded at the far end) is actually putting the rig at a voltage peak and the SWR is high.
The only effective "ground" in this case is to have multiple lengths to different points otherwise have an elevated tuned counterpoise that is tuned by observing the SWR. Now if the Counterpoise is a 1/2 wave long the far end SHOULD be grounded. People who drag a so-called counterpoise behind them as they operate "Pedestrain " deserve to have it stomped upon.
Jim VE3DDY

27143. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-04 13:24:54 UTC
From: Charles Scott
Topic: 27120 Message: 27143

Jim:

I think you miss the point. Your rig and your transmission lines should NOT BE PART OF THE ANTENNA SYSTEM. You need to look at isolating RF from anything but what you decide is your antenna system.

Chuck

Jim wrote:
> To Me, A ground is a ground at the resonant frequency AT the SET. A counterpoise has to be elevated as it is a tuned length.
> If a counterpoise is 1/4 wave long (tuned) then the nearby connection to the rig is at a current high or max.
> If you let the far end of a counterpoise get grounded, then the near end reverts to a voltage max and your rig is at high SWR condition . At this point the microphone can be RF hot and your lips get sparked --------Ouch! RF burns can take months to heal and into the bargain you have to explain why your lips look as if someone else bit them.
> On 10 meters, an 8 ft GROUND wire (grounded at the far end) is actually putting the rig at a voltage peak and the SWR is high.
> The only effective "ground" in this case is to have multiple lengths to different points otherwise have an elevated tuned counterpoise that is tuned by observing the SWR. Now if the Counterpoise is a 1/2 wave long the far end SHOULD be grounded. People who drag a so-called counterpoise behind them as they operate "Pedestrain " deserve to have it stomped upon.
> Jim VE3DDY
>
>

27144. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-04 13:37:56 UTC
From: Jim C
Topic: 27120 Message: 27144

The counterpoise doesn't really have to be resonant and it will still work

Jim wrote:
>
> i._,___

27145. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-04 18:42:23 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 27120 Message: 27145

Jim,

Thanks for the pointer to the article. It's an interesting
article.

The article is about a long wire antenna, which is a monopole,
not a dipole.

Rob
AF6CM

On Mon, 03 Aug 2009 18:43 -0400, "Jim C" <liteways@...>
wrote:

Youy need to read this article. COunterpoise works with dipoles
too
http://www.hamuniverse.com/grounding.html
Here is part of what Bill says in that article, but go to the
website
and read the whole thing
Years ago I installed a long wire antenna that was about 250 feet
long
and about 50 feet in the air.
<SNIP>

af6cm_yahoo@... wrote:
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> I don't think that you need a *counterpoise* at all, because
you are
> using an Alpha Delta DX-EE, which is a fan dipole. Dipoles are
> balanced. Counterpoises are used with monopole (vertical)
antennas to
> provide the other half of the antenna, in effect.

27146. Re: AT-897 Tuner with one touch not working

Yahoo group: FT897 (2009)
Date: 2009-08-05 04:08:01 UTC
From: Hussain (F)
Topic: 27079 Message: 27146

Hello Dear Jim

Sorry for late replying, it was due to absent from the home qth.

Thanks a lot for the helping me to eradicate the tuning problm
of my FT897
I have checked the menu # 26 , there tow options eleckey and mickey. i ahve selected
eleckey, there is no efect with both options.

So for the parts testing is concern with menu # 26 , i have not the code.to test the aprts.

I did full reset the transceiver , there is no efect.

Further, i oserved that the transciever immediatly goes to tx mode when i insert the pin
into
the ACC port if the tranceiver is on. and do not goes to tx mode if inserted off position.

waiting for

73s

ap2gh / Hussain

--- In FT897@yahoogroups.com, "JAMES AMBURN" <james.amburn@...> wrote:
>
>
> Make sure that you don't have a bent pin on one of the mini din connectors.
>
> Jim
> N0TUI
> ----- Original Message -----
> From: Hussain (F)<mailto:ap2gh@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Friday, July 31, 2009 9:41 AM
> Subject: [FT897] Re: AT-897 Tuner with one touch not working
>
>
> Welcome Mike;
> Thanks for reply
> I have already checked it.
> when i pushes the cable gentely and having sure it is ok, then radio
> does not goes to xmit mode by pressing PTT. Rx is ok. and goes normal
> by pulling out the cable from ACC.
>
> 73
> AP2GH / HUSSAIN
>

> --- In FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>, "Michael Walker \(VA3MW\)"
<va3mw@> wrote:
> >
> > I just had the problem. The RF deck is hidden and the cable was loose.
> >
> >
> >
> > Also, RF is sometimes a problem.
> >
> >
> >
> > Mike VA3MW
> >
> >
> >
> > From: Larry D. Barr, K5WLF [mailto:k5wlf@]
> > Sent: Thursday, July 30, 2009 3:59 AM
> > To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
> > Subject: Re: [FT897] AT-897 Tuner with one touch not working
> >
> >
> >
> >
> >
> > Make sure the ACC/OTT cable is completely inserted on both ends.
> > Sometimes it's a bit recalcitrant.
> >
> > 73,
> > ldb
> > K5WLF
> >
> > Hussain (F) wrote:
> > > Hi, Dear All HAM
> > >
> > > I wonder with some thing wrong unknown happened with my AT-897
> > > attached with my FT-897D, that is not working with one touch.
> > >
> > > What i remember !! Last month i detached all cables i.e. power cable,
> > > battery charger cable, Antenna cable, link cable from AT-897 to
> > > FT-897, CAT/Linear cable from tranceiver to Tuner and One small cable
> > > from ACC of tranceiver to OTT of Tuner. and went for a small
> > > operation at an other location, but did not operate there.
> > >
> > > I came back and installed every thing which i have detached.
> > >
> > > Every thing is working except One touch operation of Tuner.
> > >
> > > Tuner is working when i change by changing the mode to AM or FM and
> > > then pressing PTT then tuner's push button. while it was working
> > > before by simply pressing the tuner's tune push button.

> > >
> > > I have checked the small ACC to OTT link cable, it is close/short,
> > > the center pin of Black tuner side to middle pin of Red Radio side
> > > and both outer point of both pins of this OTT cable.
> > >
> > > I think it is correct by default.
> > >
> > > Can not understand what happened, either ACC port of radio is not
> > > giving signal to Tuner or Tuner's OTT port is not receiving.
> > >
> > > One thing more, when i connect this cable from ACC to OTT, Radio does
> > > not goes to transmit mode (i mean PTT not working) while, when a
> > > attaches this cable during the power on /radio on position, it
> > > immediatly goes to xmit and does not goes to receive mode.
> > >
> > > Any help to eradicate the problem will be highly appropriated.
> > >
> > > Good Luck and 73s
> > >
> > > AP2GH / HUSSAIN
> > >
> > >
> > >
> > >
> > >
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> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

27147. FT897 Clock shift circuitry?

Yahoo group: FT897 (2009)
Date: 2009-08-05 07:10:10 UTC
From: Geert Jan de Groot
Topic: 27147 Message: 27147

The FT897, like most Yaesu rigs, has circuitry to shift the clock
of the processor on the main board. This is supposedly done to
move shift birdies, from the processor circuitry, out of the
receiver passband.

But, unlike other Yaesu kit, the 897 doesn't have a menu option
to adjust this, so the setting is either automatic, or the
hardware isn't driven by the firmware.

Has anyone investigated this? I do note that not only is the circuitry
on the diagram, the components are placed on my 897D - if the software
would not have supported this, it would have been easy to simply not
place the transistor et all during board assembly.

Secondly - on the front panel PCB, jumpers exist to change the
'meter' jack on the bottom from PWM (which is that we use),
to three other analog ports on the front panel CPU.
Does anyone know what that is for?

73,

Geert Jan

27148. CW tone very "Fuzzy" / distorted odd sounding.

Yahoo group: FT897 (2009)
Date: 2009-08-05 16:23:36 UTC
From: Victor Ward
Topic: 27148 Message: 27148

The CW tone of my FT897 has developed a very "fuzzy" sound, almost as if the speaker is rattling, I have the sidetone set at the default setting, seems to get worse as I get close to zero beat.
Compaired to my FT817 and Knwd TS570-D it is a rather harsh raspy note.
Speaker shows no evidence of this distortion on voice modes, sounds perfect even at relatively high volume.
Anyone else experience this? Anyone know of a fix?
Would appreciate any advice.

73 de Vic GØFEI / NØFEI

27149. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-05 16:29:54 UTC
From: Jim
Topic: 27120 Message: 27149

I once served in a foreign military.
We used portable HF for a lot of field work and the radio operator had either a small hip style rig similar to the 817 or a RAcal 931.
Instead of a counterpoise, the set had a piece of fly screen wire about 6" X 10" and enclosed in a piece of canvass which he tucked in his belt or put in his back pocket. The screen was connected to the Ground stud of the rig via a short wire. The screen acted as a plate of a capacitor and coupled the set to the operator who I suppose acted as a ground plane.
When the operator would get too far off frequency, SWR would increase and the screen would ZAPP the guy in the rear and remind him to retune.
It was understood NOT to put the screen under your belt in the front of your pants.
This idea was patented by Racal Electronics so it must have some desrability. Operators claimed longer ground wave distances for contacts. I still have one of these in my junk box. If anyone wants a picture, ask.
Jim VE3DDY

27150. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-05 19:29:48 UTC
From: kav
Topic: 27120 Message: 27150

--- In FT897@yahoogroups.com, "kj4nts" <philsherrod@...> wrote:
>
> I could put a surface wire counterpoise in the crawl space under my office where the radio is located. If I did that, there would be only about a 5 or 6 foot run to the center point of the counterpoise. Assuming the counterpoise wires are laying on the dirt floor of the crawl space,how many wires would I need, and how long do they need to be.

Hello

I read your original post and assumed that, like me, you were on an upper floor hence inconveniently far from the nearest ground, by which I mean soil,substrate,planets crust etc.

Then I read all the rsponses from the many members, all of whom made perfect sense. All of whom I believe to be correct in various different scenarios. Some of which I have used myself with varying degrees of success. It always amazes me the ammount of knowledge combined in these groups and many of my problems have been solved this way. A news group often gets across what a book just can't.

Then I read the part of your post at the head of this message and wondered if we'd all missed a tiny possibility.

Now if I'm reading it correctly, your radio is in a ground floor office. That office floor is but 3 feet above the "dirt floor of the crawl space" (ie the substrate beneath your house).

Or to put it another way you have not a 50 foot but a 6 foot run to the nearest possible earth point. Drill, lift, ease asside or just plain vaporise that office floor and knock in some earth rods.

Or have I read it wrong? Unless that "dirt floor of the crawl space" is actually atop one of those dreadful one piece concrete rafts that modern builders love so much then you don't got no excuse. Get drilling.

Regards

27151. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-05 20:04:41 UTC
From: KONI
Topic: 27120 Message: 27151

Jim please send me the picture
juergen, dg8fdd

----- Original Message -----
From: Jim
To: FT897@yahoogroups.com
Sent: Wednesday, August 05, 2009 6:29 PM
Subject: [FT897] Re: Grounding the FT-897

I once served in a foreign military.
We used portable HF for a lot of field work and the radio operator had either a small hip style rig similar to the 817 or a RAcal 931.
Instead of a counterpoise, the set had a piece of fly screen wire about 6" X 10" and enclosed in a piece of canvass which he tucked in his belt or put in his back pocket. The screen was connected to the Ground stud of the rig via a short wire. The screen acted as a plate of a capacitor and coupled the set to the operator who I suppose acted as a ground plane.
When the operator would get too far off frequency, SWR would increase and the screen would ZAPP the guy in the rear and remind him to retune.
It was understood NOT to put the screen under your belt in the front of your pants.
This idea was patented by Racal Electronics so it must have some desrability. Operators claimed longer ground wave distances for contacts. I still have one of these in my junk box. If anyone wants a picture, ask.
Jim VE3DDY

[Non-text portions of this message have been removed]

27152. For sale...

Yahoo group: FT897 (2009)
Date: 2009-08-05 21:22:44 UTC
From: tailfeathers
Topic: 27152 Message: 27152

A few things I'm not using...
YA1 <http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=YA1>
BENCHER /(#190-20) BENCHER LOW PASS FILTER
60.00 + 10 shipping

/B&W 595 SIX POSITION COAX SWITCH W/SO-239 CONNECTOR
35.00 + 10 shipping

*MFJ945E
<http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=MFJ945E>* *MFJ
2* /300W MOBILE TUNER 1.8-60 MHZ
75.00 + 10.00 shipping

/ *RCS8V
<http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=RCS8V>*
AMERITRON /5 POSITION REMOTE COAX SWITCH 110V
95.00 + 10.00 shp

Gary
n8gsj
/

_____
You have a right to seek justice! Click here to find experienced lawyers across the USA.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTOhjUbR1yc5EeCdlmLhiqooKHwdpRjKYPVNyehlW3dnbBfL48mDM8/

27153. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-05 22:15:30 UTC
From: Edward Thorpe
Topic: 27120 Message: 27153

I used a variation on this in one of my QTH. I applied brick layer's copper flashing to the below grade, inside surface of all exterior concrete walls in my ham shack. It produced a capacitive path with 1 ohm reactance (as I measured it) to ground at 3 mhz. It behaved almost as a Faraday shield in the shack and I never had RF in the shack after that.

Ted Thorpe, VE3HPL

On 5-Aug-09, at 12:29 PM, Jim wrote:

> I once served in a foreign military.
> We used portable HF for a lot of field work and the radio operator
> had either a small hip style rig similar to the 817 or a RAcal 931.
> Instead of a counterpoise, the set had a piece of fly screen wire
> about 6" X 10" and enclosed in a piece of canvass which he tucked in
> his belt or put in his back pocket. The screen was connected to the
> Ground stud of the rig via a short wire. The screen acted as a plate
> of a capacitor and coupled the set to the operator who I suppose
> acted as a ground plane.
> When the operator would get too far off frequency, SWR would
> increase and the screen would ZAPP the guy in the rear and remind
> him to retune.
> It was understood NOT to put the screen under your belt in the front
> of your pants.
> This idea was patented by Racal Electronics so it must have some
> desrability. Operators claimed longer ground wave distances for
> contacts. I still have one of these in my junk box. If anyone wants
> a picture, ask.
> Jim VE3DDY
>
>
> _

[Non-text portions of this message have been removed]

27154. Re: [FT897] For sale...

Yahoo group: FT897 (2009)
Date: 2009-08-06 00:33:09 UTC
From: Niel Skousen
Topic: 27152 Message: 27154

I'll take tke the manual coax switch...

Niel

Sent from my iPhone

On Aug 5, 2009, at 15:22, tailfeathers <tailfeathers@...> wrote:

>
> A few things I'm not using...
> *YA1 <http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=YA1>*
> *BENCHER* /(#190-20) BENCHER LOW PASS FILTER
> 60.00 + 10 shipping
>
> /B&W 595 SIX POSITION COAX SWITCH W/SO-239 CONNECTOR
> 35.00 + 10 shipping
>
> *MFJ945E
> <http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=MFJ945E>*
> *MFJ
> 2* /300W MOBILE TUNER 1.8-60 MHZ
> 75.00 + 10.00 shipping
>
> / *RCS8V
> <http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=RCS8V>*
> *AMERITRON* /5 POSITION REMOTE COAX SWITCH 110V
> 95.00 + 10.00 shp
>
> Gary
> n8gsj
> /
>
> ~~~~~~
> You have a right to seek justice! Click here to find experienced
> lawyers across the USA.
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTOhjUbR1yc5EeCdlmLhiqooKHwdpRjKYPVNyeh
lW3dnbBfL48mDM8/
>

[Non-text portions of this message have been removed]

27155. Good CAT-software for FT-897 ??

Yahoo group: FT897 (2009)
Date: 2009-08-05 19:02:06 UTC
From: cergender
Topic: 27155 Message: 27155

Hello!

I have tried FTBCAT, Hamradio deluxe and Virtual Legacy Radio.

The best and the most practical for my purposes would be VirtualLegacyRadio. But I cannot get it working perfectly.
For example I cannot add any frequency in it permanently. It stays there only that long as the program is running and the next time I start it I have to add it again. There are also some freezing problems with it.

I am using WinXPPro.

Is there any other useful software around which you could recommend?

Ben

27156. FT 897 D and the UCX logger program

Yahoo group: FT897 (2009)
Date: 2009-08-05 11:08:36 UTC
From: Werner Fleischmann PA0FLE
Topic: 27156 Message: 27156

Hello OM

I've been busy for a long time doing a good connection with my FT 897D with the program of dl7ucx. I use the interface dk4mx MX20. I can not find the settings to get a good CW and PTT connection. Has anybody even these experiens?

73, Werner PA0FLE

27157. Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-06 00:28:14 UTC
From: jcjglt
Topic: 27120 Message: 27157

Like you my QTH is on the last floor (4th floor) of a building. I intend to use a mobile antenna (Hustler) with the metal parts of my balconny as counterpoise. About the grounding of my brand new FT897D what would be your suggestions as I can't direct a grounding wire to the ground (too high) and the co-owners of the building would not agree and I do not want also to disturb them with QRM.
Regards to all and many thanks for this very interesting link.
jcjglt (FK8IH)

27158. FT-897D tuning ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-08-02 21:49:02 UTC
From: jcsgoating
Topic: 27158 Message: 27158

I don't think this is an ATAS problem. It has happened a few times since I bought my 897D and ATAS 120.

My radio is mounted in my truck and I normally keep it on 14.300Mhz. When I travel far, I will change to other bands. Radio is great and have no real problems.

Every now and then I exercise the ATAS 120 by going to the different bands and tuning the antenna.

Today (it has also done this in the past), when I press the "A" "Tune" button, the display kicks to 14.223Mhz and tunes at that frequency. I then changed bands and the same happens. It does not matter what band I'm on, when I press the tune button, the display kicks to 14.223Mhz and tunes that frquency.

The only way I have found to stop this is to reload my saved settings using the Yaesu programmer. After I have loaded my saved settings all works fine and I have no problems.

This has happened about 4 times in the year I've had the radio. It's not a big pain but I would like to know what is causing this.

John S
KE5TYU

27159. RE: [FT897] Good CAT-software for FT-897 ??

Yahoo group: FT897 (2009)
Date: 2009-08-06 08:07:59 UTC
From: Dave AA6YQ
Topic: 27155 Message: 27159

Try DXLab, a free-ware suite of eight applications that can operate independently, but detect each other's presence and interoperate automatically. Besides the usual transceiver control, logging, DX spot collection and digital mode features you'll find in most applications, DXLab,

- provides 10 banks of 10 memories, with the ability to continuously scan a bank's frequencies

- displays frequency-dependent settings for devices like tuners, amplifiers, and antenna switches, with optional control via parallel port signals

- supports transverters for 6m, 4m, 2m, and 70cm operation

- provides user-defined transceiver control sequences initiated by buttons (up to 16) and sliders (up to 8)

- controls up to 4 transceivers, with optional transceiver selection by frequency

- provides both map-driven and callsign-driven operation of most commercial PC-controllable rotators

- tracks confirmation and verification of QSOs for DXCC, TopList, and WAZ awards, highlighting needed DX spots, automatically generating outgoing QSLs that request confirmation of needed QSLs, identifying confirmed QSOs for submission to the ARRL DXCC desk, and generating DXCC submission paperwork

- reports progress towards DXCC, TopList, Challenge, VUCC, Marathon, WAS, WAC, IOTA, WAZ, WPX, USA-CA, Canadaward, DOK, WAE, WAB, DDFM, SRR, RDA, WAJA, JCC, JCG, and AJA awards

- extracts address information from all 3 CDROM callbooks and QRZ.com (free with advertising, or no advertising with subscription)

- provides one-click access to more than 80 web-accessible sources of QSL information (Pathfinder)

- directly prints QSL labels and 4-to-a-page QSL cards

- directly prints addresses on envelopes or labels

- provides operations that can alter many logged QSOs simultaneously without requiring the user to modify ADIF files -- e.g. performing callbook lookups on already-logged QSOs, or adjusting the start times of QSOs logged during a specific time range, or extracting QTH information from COMMENT fields, or...

- synchronizes with LotW and eQSL.cc, initiating upload and download operations with a single mouse click without requiring the user to manually invoke TQSL or manually download and import files

- captures DX spots from up to 6 sources (telnet clusters, packetclusters, DX Summit), creating and maintaining a local database with one entry for each active DX station that is color coded by "need", LotW, and eQSL AG participation, and whose entries can be independently filtered and displayed in a table, on its world map, and on a zoomable bandspread

- optionally announces needed DX spots, and includes a web server that makes all spots browser-accessible from anywhere on your home network, with support for smartphone access

- extracts QSX frequencies from DX spot notes, enabling accurate transceiver setup for split frequency operation with one user action

- captures solar and geomagnetic data from WWV spots and uses this data to display easy-to-understand QST-style graphical propagation forecasts, and to depict the auroral oval on its world map (choice of VOACAP, ICEPAC, or IONCAP propagation forecasting engines, all of which are included)

- monitors user-specified NCDXF/IARU HF beacon schedules to rapidly calibrate propagation forecasts with actual propagation

- decodes all PSK31 or PSK63 or PSK125 QSOs within your transceiver's bandpass and extract callsigns to create and maintain a "stations heard" window

- simultaneously runs soundcard RTTY (using the MMTTY engine) and an external modem (e.g. a KAM or PK232) to provide diversity decoding or the ability to simultaneously decode a DX station and callers

- supports PSK, RTTY, CW (generation only), and Phone (voice keying) with a single user interface and macro facility

- interoperates with MultiPSK, MMSSTV, MMVARI, MMTTY, MixW, Fldigi, DM780, HRD, DX Atlas, and CW Skimmer

- is updated frequently, and downloads/installs upgrades with a single mouse click

- is driven by an active and friendly user community open to everyone

DXLab is available via

<http://www.dxlabsuite.com/download.htm>

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of cergender
Sent: Wednesday, August 05, 2009 12:02 PM

To: FT897@yahoogroups.com
Subject: [FT897] Good CAT-software for FT-897 ??

Hello!

I have tried FTBCAT, Hamradio deluxe and Virtual Legacy Radio.

The best and the most practical for my purposes would be VirtualLegacyRadio.
But I cannot get it working perfectly.
For example I cannot add any frequency in it permanently. It stays there
only that long as the program is running and the next time I start it I have
to add it again. There are also some freezing problems with it.

I am using WinXPPro.

Is there any other useful software around which you could recommend?

Ben

[Non-text portions of this message have been removed]

27160. Re: Good CAT-software for FT-897 ??

Yahoo group: FT897 (2009)
Date: 2009-08-06 08:52:52 UTC
From: ok1fig
Topic: 27155 Message: 27160

> The best and the most practical for my purposes would be VirtualLegacyRadio. But I cannot get it working perfectly.
> For example I cannot add any frequency in it permanently. It stays there only that long as the program is running and the next time I start it I have to add it again.

Double click an existing fq marker, check the checkbox [X] Permanent and click Ok.

73, Petr, author of VLR

27161. WTB: Vertex VX-1210

Yahoo group: FT897 (2009)
Date: 2009-08-06 11:07:02 UTC
From: Craig Brune
Topic: 27161 Message: 27161

I am look for a good clean VX-1210 HF Manpack radio to buy, accessories desirable but not a deal breaker are: internal ATU #ATU-1210, programming and service cables #SVC-1200 and #DSV-1200.
Please email me directly with condition and asking price at craigbrune@...

Thanks,
Craig ☐ N0MFD

27162. Re: [FT897] Re: Grounding the FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-06 13:42:42 UTC
From: Jim C
Topic: 27120 Message: 27162

So I guess to tune it he looked a pictures in Playboy Magazine?

Jim VE3DDY wrote:

Posted by: "Jim" portdoverbells@...
<mailto:portdoverbells@...?Subject=%20Re%3A%20Grounding%20the%20FT-897>
bambazonke01 <http://profiles.yahoo.com/bambazonke01>

Wed Aug 5, 2009 9:30 am (PDT)

I once served in a foreign military.
We used portable HF for a lot of field work and the radio operator had
either a small hip style rig similar to the 817 or a RAcal 931.
Instead of a counterpoise, the set had a piece of fly screen wire about
6" X 10" and enclosed in a piece of canvass which he tucked in his belt
or put in his back pocket. The screen was connected to the Ground stud
of the rig via a short wire. The screen acted as a plate of a capacitor
and coupled the set to the operator who I suppose acted as a ground plane.
When the operator would get too far off frequency, SWR would increase
and the screen would ZAPP the guy in the rear and remind him to retune.
It was understood NOT to put the screen under your belt in the front of
your pants.
This idea was patented by Racal Electronics so it must have some
desrability. Operators claimed longer ground wave distances for
contacts. I still have one of these in my junk box. If anyone wants a
picture, ask.
Jim VE3DDY

27163. Re: FT-897D tuning ATAS 120

Yahoo group: FT897 (2009)
Date: 2009-08-06 14:10:05 UTC
From: George
Topic: 27158 Message: 27163

Check to ensure that you did not somehow turn on the split freq operating mode (The display would show split, or check the function button row and make sure that SPL doenst have [] around it show it is on). The symptoms you mention sound like it is active in which case no matter where you change the frequency to in VFO-A when you transmit it will transmit on VFO-B (That includes the tuning cycle). You can also prove it by going to VFO-B and changing that frequency and try it again, it should now tune on the new freq you set in VFO-B

George
kc0woa

--- In FT897@yahoogroups.com, "jcsgoating" <jcsmit2@...> wrote:
>
> I don't think this is an ATAS problem. It has happened a few times since I bought my 897D and ATAS 120.
>
> My radio is mounted in my truck and I normally keep it on 14.300Mhz. When I travel far, I will change to other bands. Radio is great and have no real problems.
>
> Every now and then I exercise the ATAS 120 by going to the different bands and tuning the antenna.
>
> Today (it has also done this in the past), when I press the "A" "Tune" button, the display kicks to 14.223Mhz and tunes at that frequency. I then changed bands and the same happens. It does not matter what band I'm on, when I press the tune button, the display kicks to 14.223Mhz and tunes that frquency.
>
> The only way I have found to stop this is to reload my saved settings using the Yaesu programmer. After I have loaded my saved settings all works fine and I have no problems.
>
> This has happened about 4 times in the year I've had the radio. It's not a big pain but I would like to know what is causing this.
>
> John S
> KE5TYU
>

27164. ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 21:04:46 UTC
From: TED
Topic: 27164 Message: 27164

Guys by mind is going, I forgot how to install a frequency, step by step please before putting into memory.
thaks a lot
Ted

27165. Re: [FT897] ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 21:21:58 UTC
From: Randy Charles Ford
Topic: 27164 Message: 27165

Is that installing a memory in your mind, or in a rig? <grin> (I have problems putting things into my memory in my mind.)

73,
kg4jix - randy.

On Thursday 06 August 2009 16:04:46 TED wrote:
> Guys by mind is going, I forgot how to install a frequency, step by step
> please before putting into memory. thaks a lot
> Ted

27166. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 21:45:50 UTC
From: TED
Topic: 27164 Message: 27166

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Is that installing a memory in your mind, or in a rig? <grin> (I have
> problems putting things into my memory in my mind.)
>
> 73,
> kg4jix - randy.
>
>
> On Thursday 06 August 2009 16:04:46 TED wrote:
> > Guys by mind is going, I forgot how to install a frequency, step by step
> > please before putting into memory. thaks a lot
> > Ted
>
Well Randy that just shows there are to of us like this, I am trying to put a frequency into my rig and then to memory, as far as to my mind I better do it now because it is gone on the way down stairs.

27167. Re: [FT897] Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 22:34:29 UTC
From: Kerryguy7
Topic: 27164 Message: 27167

LOL...make that THREE of us!
I forgot what this thread was about...
Oh well...

Thomas K. Lane

Lane Computer Services

http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician

---
From: TED <cinninnatti@...>
To: FT897@yahoogroups.com
Sent: Thursday, August 6, 2009 5:45:50 PM
Subject: [FT897] Re: ENTERING A FREQUENCY

--- In FT897@yahoogroups. com, Randy Charles Ford <kg4jix@...> wrote:
>
> Is that installing a memory in your mind, or in a rig? <grin> (I have
> problems putting things into my memory in my mind.)
>
> 73,
> kg4jix - randy.
>
>
> On Thursday 06 August 2009 16:04:46 TED wrote:
> > Guys by mind is going, I forgot how to install a frequency, step by step
> > please before putting into memory. thaks a lot
> > Ted
>
Well Randy that just shows there are to of us like this, I am trying to put a frequency into my rig and then to memory, as far as to my mind I better do it now because it is gone on the way down stairs.

[Non-text portions of this message have been removed]

27168. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 22:52:33 UTC
From: TED
Topic: 27164 Message: 27168

--- In FT897@yahoogroups.com, Kerryguy7 <kerryguy7@...> wrote:
>
> LOL...make that THREE of us!
> I forgot what this thread was about...
> Oh well...
>
>
> Thomas K. Lane
>
> Lane Computer Services
>
> http://home.comcast.net/~techman65A+ Certified & Network+ Certified ComputerTechnician
>
>
> OK NO MORE OF US SENIORS.PERSONS FROM 22 TO 53 PLEASE ANSWER.

HA HA
>
>
>
> _____
> From: TED <cinninnatti@...>
> To: FT897@yahoogroups.com
> Sent: Thursday, August 6, 2009 5:45:50 PM
> Subject: [FT897] Re: ENTERING A FREQUENCY
>
>
> --- In FT897@yahoogroups. com, Randy Charles Ford <kg4jix@> wrote:
> >
> > Is that installing a memory in your mind, or in a rig? <grin> (I have
> > problems putting things into my memory in my mind.)
> >
> > 73,
> > kg4jix - randy.
> >
> >
> > On Thursday 06 August 2009 16:04:46 TED wrote:
> > > Guys by mind is going, I forgot how to install a frequency, step by step
> > > please before putting into memory. thaks a lot
> > > Ted
> >
> Well Randy that just shows there are to of us like this, I am trying to put a frequency into my rig and then to memory, as far as to my mind I better do it now because it is gone on the way down stairs.
>

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27169. Re: [FT897] ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 22:53:06 UTC
From: "Glenn (KØBO)"
Topic: 27164 Message: 27169

TED wrote:
> Guys by mind is going, I forgot how to install a frequency, step by step please before putting into memory.
> thaks a lot
> Ted
>
There are two memory areas in the FT897 QuickBankd and Main.
Hope this helps
From the manual.....

QMB (QUICK MEMORY BANK) CHANNELS
The "Quick Memory" Bank provides one-touch access to
frequencies you want to store and recall in a hurry. You may
store a "QMB" channel into a "regular" memory later, if
you like; use of the "regular" memories will be described
later.
QMB Channel Storage
1. Tune in the desired frequency and set the operating mode
and bandwidth. If this is an FM channel, set up any re-
quired CTCSS/DCS and repeater shift configurations.
2. Press and hold in the V/M key until a double "beep" is
heard. The second beep provides audible confirmation
that the data has been stored into the QMB memory.
Pressing the [A](STO) key momentarily while
in Multi Function Row "c" [STO, RCL, PROC]
will also store a frequency into the QMB register.

QMB Channel Recall
1. Press the [F] key momentarily, then rotate the MEM/
VFO CH knob, as needed, until Multi Function Row
"c" [STO, RCL, PROC] appears on the display.
2. Press the [B](RCL) key momentarily to recall the QMB
memory. "QMB" will appear at the upper left corner on
the display.
3. Press the [B](RCL) key once more to return to the previ-
ous frequency (either a VFO frequency or a Memory
channel).
If you move the DIAL knob or MEM/VFO CH
knob while in the QMB mode, you can change
frequencies as if you were in a "VFO" mode.
You also can change operating mode by pressing the
MODE( ) or MODE( ) key. When this is done,
"MTQMB" will appear in the display, where "MT" repre-
sents "Memory Tuning." Press the [B](RCL) key once
more to return to the originally-stored QMB frequency.

...**
MEMORY OPERATION ON
"REGULAR" MEMORY CHANNELS
Most Memory operation will be conducted in the "regular"
memory registers. There are 200 memory channels avail-
able for storage and recall of important frequencies.
Normal Memory Storage
1. Tune in the desired frequency, and set the operating mode
and bandwidth. If this is an FM channel, set up any re-
quired CTCSS/DCS and repeater shift configurations.
Standard (default) repeater shifts do not require you to uti-
lize the "split" frequency memory technique, described later.
2. Press the [F] key momentarily, then rotate the MEM/
VFO CH, as needed, until Multi Function Row "b" [MW,
SKIP, TAG] appears on the display.
3. Press the [A](MW) key momentarily to enter the
"Memory Check" mode, which is used to find an unused
memory channel. The frequency stored (if any) on the
current memory channel will be shown in the display.
Rotate the MEM/VFO CH knob to select the channel num-
ber on which you wish to store the current frequency data.
4. Press and hold in the [A](MW) key for one second until
you hear a double beep; the second beep confirms that
the frequency information was successfully stored.
Split-Frequency Memory Storage
You can also store "Split" frequencies, such as when operat-
ing on a repeater system not utilizing a "standard" offset. This
procedure may also be used for DX work on 7 MHz SSB, etc.
1. In the VFO mode, set the desired Receive frequency and mode.
2. Press the [F] key momentarily, then rotate the MEM/
VFO CH knob, as needed, until Multi Function Row
"b" [MW, SKIP, TAG] appears on the display.
3. Press the [A](MW) key momentarily to enter the
"Memory Check" mode, which is used to find an unused
memory channel. The frequency stored (if any) on the
current memory channel will be shown in the display.
Rotate the MEM/VFO CH knob to select the channel on
which you wish to store the receive frequency data.
4. Press and hold in the [A](MW) key for one second until
you hear a double beep, which confirms that the Receive
frequency data is now stored.
5. Now, set the desired Transmit frequency and mode on the VFO.
6. Press the [A](MW) key momentarily; do not rotate the
MEM/VFO CH knob!
While the "memory channel number" is blinking, press
and hold in the PTT switch; while holding it in, press
and hold in the [A](MW) key for one second.
The double "beep" will confirm that independent Trans-
mit frequency data is now stored. You may now release
the PTT switch.

Memory Channel Recall
1. If you currently are in the VFO tuning mode, press the V/M key once to enter the "Memory" mode (a memory channel number "M-nnn" will appear on the display in the space previously occupied by "VFOa" or "VFOb").
2. To select another memory channel, turn the MEM/VFO CH knob.
3. When your memory channels are partitioned into Memory Groups via Menu Mode No-055 [MEM GROUP], it is easy to change Memory Groups; press the MEM/VFO CH knob momentarily (a Group Number ("Ma" ~ "Mj") will blink), then turn the MEM/VFO CH knob to step through the channels until you enter another. You may now press the MEM/VFO CH knob once more to restrict memory channel access to the newly-selected Group.
4. Once you are operating on a memory channel, you may tune off of the originally-memorized frequency (as though you were in the VFO mode). Just rotate the DIAL knob; the "Memory Channel Number" will be replaced by one which indicates "MTUNE," indicating that you have now shifted into the "Memory Tuning" mode. When operating the Memory Tuning mode, if you find another frequency you wish to store into another memory channel, just press the [A](MW) key momentarily, select a new memory channel via the MEM/VFO CH knob, then press and hold in the [A](MW) key until you hear the double beep.
5. To exit the Memory Tuning mode, press the V/M key as follows:
· One touch of the V/M key returns you to the original memory frequency.
· A second touch of the V/M key will cause you to exit the Memory mode and return to the VFO mode (the memory channel number will be replaced by "VFOa" or "VFOb".

27170. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-06 23:10:06 UTC
From: TED
Topic: 27164 Message: 27170

--- In FT897@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> TED wrote:
> > Guys by mind is going, I forgot how to install a frequency, step by step please before putting into memory.
> > thaks a lot
> > Ted
> >
> There are two memory areas in the FT897 QuickBankd and Main.
> Hope this helps
> From the manual.....
>
> QMB (QUICK MEMORY BANK) CHANNELS
> The "Quick Memory" Bank provides one-touch access to
> frequencies you want to store and recall in a hurry. You may
> store a "QMB" channel into a "regular" memory later, if
> you like; use of the "regular" memories will be described
> later.
> QMB Channel Storage
> 1. Tune in the desired frequency and set the operating mode
> and bandwidth. If this is an FM channel, set up any re-
> quired CTCSS/DCS and repeater shift configurations.
> 2. Press and hold in the V/M key until a double "beep" is
> heard. The second beep provides audible confirmation
> that the data has been stored into the QMB memory.
> Pressing the [A](STO) key momentarily while
> in Multi Function Row "c" [STO, RCL, PROC]
> will also store a frequency into the QMB register.
>
> QMB Channel Recall
> 1. Press the [F] key momentarily, then rotate the MEM/
> VFO CH knob, as needed, until Multi Function Row
> "c" [STO, RCL, PROC] appears on the display.
> 2. Press the [B](RCL) key momentarily to recall the QMB
> memory. "QMB" will appear at the upper left corner on
> the display.
> 3. Press the [B](RCL) key once more to return to the previ-
> ous frequency (either a VFO frequency or a Memory
> channel).
> If you move the DIAL knob or MEM/VFO CH
> knob while in the QMB mode, you can change
> frequencies as if you were in a "VFO" mode.
> You also can change operating mode by pressing the
> MODE( ) or MODE( ) key. When this is done,
> "MTQMB" will appear in the display, where "MT" repre-

> sents "Memory Tuning." Press the [B](RCL) key once
> more to return to the originally-stored QMB frequency.
>
> ...**
> MEMORY OPERATION ON
> "REGULAR" MEMORY CHANNELS
> Most Memory operation will be conducted in the "regular"
> memory registers. There are 200 memory channels avail-
> able for storage and recall of important frequencies.
> Normal Memory Storage
> 1. Tune in the desired frequency, and set the operating mode
> and bandwidth. If this is an FM channel, set up any re-
> quired CTCSS/DCS and repeater shift configurations.
> Standard (default) repeater shifts do not require you to uti-
> lize the "split" frequency memory technique, described later.
> 2. Press the [F] key momentarily, then rotate the MEM/
> VFO CH, as needed, until Multi Function Row "b" [MW,
> SKIP, TAG] appears on the display.
> 3. Press the [A](MW) key momentarily to enter the
> "Memory Check" mode, which is used to find an unused
> memory channel. The frequency stored (if any) on the
> current memory channel will be shown in the display.
> Rotate the MEM/VFO CH knob to select the channel num-
> ber on which you wish to store the current frequency data.
> 4. Press and hold in the [A](MW) key for one second until
> you hear a double beep; the second beep confirms that
> the frequency information was successfully stored.
> Split-Frequency Memory Storage
> You can also store "Split" frequencies, such as when operat-
> ing on a repeater system not utilizing a "standard" offset. This
> procedure may also be used for DX work on 7 MHz SSB, etc.
> 1. In the VFO mode, set the desired Receive frequency and mode.
> 2. Press the [F] key momentarily, then rotate the MEM/
> VFO CH knob, as needed, until Multi Function Row
> "b" [MW, SKIP, TAG] appears on the display.
> 3. Press the [A](MW) key momentarily to enter the
> "Memory Check" mode, which is used to find an unused
> memory channel. The frequency stored (if any) on the
> current memory channel will be shown in the display.
> Rotate the MEM/VFO CH knob to select the channel on
> which you wish to store the receive frequency data.
> 4. Press and hold in the [A](MW) key for one second until
> you hear a double beep, which confirms that the Receive
> frequency data is now stored.
> 5. Now, set the desired Transmit frequency and mode on the VFO.
> 6. Press the [A](MW) key momentarily; do not rotate the
> MEM/VFO CH knob!
> While the "memory channel number" is blinking, press
> and hold in the PTT switch; while holding it in, press
> and hold in the [A](MW) key for one second.

> The double "beep" will confirm that independent Trans-
> mit frequency data is now stored. You may now release
> the PTT switch.
>
> Memory Channel Recall
> 1. If you currently are in the VFO tuning mode, press the
> V/M key once to enter the "Memory" mode (a memory
> channel number "M-nnn" will appear on the display in
> the space previously occupied by "VFOa" or "VFOb").
> 2. To select another memory channel, turn the MEM/VFO
> CH knob.
> 3. When your memory channels are partitioned into
> Memory Groups via Menu Mode No-055 [MEM
> GROUP], it is easy to change Memory Groups; press the
> MEM/VFO CH knob momentarily (a Group Number
> ("Ma" ~ "Mj") will blink), then turn the MEM/VFO CH
> knob to step through the channels until you enter an-
> other. You may now press the MEM/VFO CH knob once
> more to restrict memory channel access to the newly-
> selected Group.
> 4. Once you are operating on a memory channel, you may
> tune off of the originally-memorized frequency (as though
> you were in the VFO mode). Just rotate the DIAL knob;
> the "Memory Channel Number" will be replaced by one
> which indicates "MTUNE," indicating that you have now
> shifted into the "Memory Tuning" mode. When operat-
> ing the Memory Tuning mode, if you find another fre-
> quency you wish to store into another memory channel,
> just press the [A](MW) key momentarily, select a new
> memory channel via the MEM/VFO CH knob, then press
> and hold in the [A](MW) key until you hear the double
> beep.
> 5. To exit the Memory Tuning mode, press the V/M key as
> follows:
> · One touch of the V/M key returns you to the original
> memory frequency.
> · A second touch of the V/M key will cause you to exit
> the Memory mode and return to the VFO mode (the
> memory channel number will be replaced by "VFOa"
> or "VFOb".
>
This is great but how do I tune in the desires frequency, what position should I be in the put in the desired frequency and tone, thank you for your time.

27171. Re: [FT897] ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 02:44:54 UTC
From: k6fcw@aol.com
Topic: 27164 Message: 27171

Our local EmComm group has some 'cheatsheets' for various ham radios on the website of the group. I put my cheatsheets for the FT-897 and VX-5r up on the website from entering the freq to assigning an alpha nametag. Go to http://www.specsnet.org

73,

Frank K6FCW

[Non-text portions of this message have been removed]

27172. RE: [FT897] ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 04:50:09 UTC
From: D. F.
Topic: 27164 Message: 27172

Can't remember where ya put the Op manual? LOL

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of k6fcw@...
Sent: Thursday, August 06, 2009 21:45
To: FT897@yahoogroups.com
Subject: Re: [FT897] ENTERING A FREQUENCY

Our local EmComm group has some 'cheatsheets' for various ham radios on the
website of the group. I put my cheatsheets for the FT-897 and VX-5r up on
the website from entering the freq to assigning an alpha nametag. Go to
http://www.specsnet <http://www.specsnet.org> .org

73,

Frank K6FCW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27173. RE: [FT897] Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 08:24:02 UTC
From: davekh@cix.co.uk
Topic: 27164 Message: 27173

==========
Original Message

> This is great but how do I tune in the desires frequency, what position should I be in the put in the desired
frequency and
> tone, thank you for your time.

My apologies and I hope you find your answer but this is sooo begging for an answer like - "The position needs to be, seated (or standing whatever your preference) and the front of the radio with your hand
rotating your frequency knob."

Seriously..
I believe you might be referring to the TEN settings - I'd suggest you download the manual and follow an example in that.

I may have the pdf somewhere, but the printed version is better to read away from the computer by your radio and try
settings.

God luck
Dave H G0CER

Yahoo! Groups Links

27174. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-08-07 19:29:55 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27174

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /FP-30 fix 2.bmp
Uploaded by : bambazonke01 <portdoverbells@...>
Description : FP_30 -2 POWER SUPPLY NOISE FIX

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/FP-30%20fix%202.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

bambazonke01 <portdoverbells@...>

27175. FP-30 Power Supply NOISE FIX

Yahoo group: FT897 (2009)
Date: 2009-08-07 19:33:57 UTC
From: Jim
Topic: 27175 Message: 27175

Hi Guys,
I added a couple of files on fixing the FP-30 Switching noise problem.
I had been discussing this on this 897 site with some other Hams and couldn't find the original paperwork from Yaesu till today.
Jim VE3DDY

27176. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 20:27:27 UTC
From: TED
Topic: 27164 Message: 27176

--- In FT897@yahoogroups.com, k6fcw@... wrote:
>
> Our local EmComm group has some 'cheatsheets' for various ham radios on the
> website of the group. I put my cheatsheets for the FT-897 and VX-5r up on
> the website from entering the freq to assigning an alpha nametag. Go to
> http://www.specsnet.org
>
> 73,
>
> Frank K6FCW
>
>
> [Non-text portions of this message have been removed]
>
Thank you very much I will try this, I know it will work.

27177. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 20:28:51 UTC
From: TED
Topic: 27164 Message: 27177

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Can't remember where ya put the Op manual? LOL
>
> Dennis - N8BMB
>
DENNIS your reply helps no one, but thanks

> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> k6fcw@...
> Sent: Thursday, August 06, 2009 21:45
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] ENTERING A FREQUENCY
>
>
> Our local EmComm group has some 'cheatsheets' for various ham radios on
> the
> website of the group. I put my cheatsheets for the FT-897 and VX-5r up
> on
> the website from entering the freq to assigning an alpha nametag. Go to
> http://www.specsnet <http://www.specsnet.org> .org
>
> 73,
>
> Frank K6FCW
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>

27178. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 20:31:34 UTC
From: TED
Topic: 27164 Message: 27178

--- In FT897@yahoogroups.com, davekh@... wrote:
>
>
>
> ==========
> Original Message
>
> > This is great but how do I tune in the desires frequency, what position should I be in the put in the desired
> frequency and
> > tone, thank you for your time.
>
> My apologies and I hope you find your answer but this is sooo begging for an answer like -
> "The position needs to be, seated (or standing whatever your preference) and the front of the radio with your hand
> rotating your frequency knob."
>
> Seriously..
> I believe you might be referring to the TEN settings - I'd suggest you download the manual and follow an example in that.
>
> I may have the pdf somewhere, but the printed version is better to read away from the computer by your radio and try
> settings.
>
> God luck
> Dave H G0CER
>
>
> Dave thank you very much, and again thank you for your time
>
> ---
>
> Yahoo! Groups Links
>

27179. Re: FP-30 Power Supply NOISE FIX

Yahoo group: FT897 (2009)
Date: 2009-08-07 21:34:48 UTC
From: Robert G. Schaffrath
Topic: 27175 Message: 27179

It should be noted this applies to the original FP-30 not the FP-30B that incorporates the fix.

Robert, N2JTX

--- In FT897@yahoogroups.com, "Jim" <portdoverbells@...> wrote:
>
> Hi Guys,
> I added a couple of files on fixing the FP-30 Switching noise problem.
> I had been discussing this on this 897 site with some other Hams and couldn't find the original paperwork from Yaesu till today.
> Jim VE3DDY
>

27180. RE: [FT897] Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-08 13:15:55 UTC
From: Michael Walker (VA3MW)
Topic: 27164 Message: 27180

Isn☐t this in the manual?

From: TED [mailto:cinninnatti@...]
Sent: Thursday, August 06, 2009 7:10 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: ENTERING A FREQUENCY

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Glenn (KØBO)" <yahoo@...> wrote:
>
> TED wrote:
> > Guys by mind is going, I forgot how to install a frequency, step by step please before putting into memory.
> > thaks a lot
> > Ted
> >
> There are two memory areas in the FT897 QuickBankd and Main.
> Hope this helps
> From the manual.....
>
> QMB (QUICK MEMORY BANK) CHANNELS
> The "Quick Memory" Bank provides one-touch access to
> frequencies you want to store and recall in a hurry. You may
> store a "QMB" channel into a "regular" memory later, if
> you like; use of the "regular" memories will be described
> later.
> QMB Channel Storage
> 1. Tune in the desired frequency and set the operating mode
> and bandwidth. If this is an FM channel, set up any re-
> quired CTCSS/DCS and repeater shift configurations.
> 2. Press and hold in the V/M key until a double "beep" is
> heard. The second beep provides audible confirmation
> that the data has been stored into the QMB memory.
> Pressing the [A](STO) key momentarily while
> in Multi Function Row "c" [STO, RCL, PROC]
> will also store a frequency into the QMB register.
>
> QMB Channel Recall
> 1. Press the [F] key momentarily, then rotate the MEM/
> VFO CH knob, as needed, until Multi Function Row
> "c" [STO, RCL, PROC] appears on the display.
> 2. Press the [B](RCL) key momentarily to recall the QMB
> memory. "QMB" will appear at the upper left corner on
> the display.
> 3. Press the [B](RCL) key once more to return to the previ-

> ous frequency (either a VFO frequency or a Memory
> channel).
> If you move the DIAL knob or MEM/VFO CH
> knob while in the QMB mode, you can change
> frequencies as if you were in a "VFO" mode.
> You also can change operating mode by pressing the
> MODE( ) or MODE( ) key. When this is done,
> "MTQMB" will appear in the display, where "MT" repre-
> sents "Memory Tuning." Press the [B](RCL) key once
> more to return to the originally-stored QMB frequency.
>
> ...**
> MEMORY OPERATION ON
> "REGULAR" MEMORY CHANNELS
> Most Memory operation will be conducted in the "regular"
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> able for storage and recall of important frequencies.
> Normal Memory Storage
> 1. Tune in the desired frequency, and set the operating mode
> and bandwidth. If this is an FM channel, set up any re-
> quired CTCSS/DCS and repeater shift configurations.
> Standard (default) repeater shifts do not require you to uti-
> lize the "split" frequency memory technique, described later.
> 2. Press the [F] key momentarily, then rotate the MEM/
> VFO CH, as needed, until Multi Function Row "b" [MW,
> SKIP, TAG] appears on the display.
> 3. Press the [A](MW) key momentarily to enter the
> "Memory Check" mode, which is used to find an unused
> memory channel. The frequency stored (if any) on the
> current memory channel will be shown in the display.
> Rotate the MEM/VFO CH knob to select the channel num-
> ber on which you wish to store the current frequency data.
> 4. Press and hold in the [A](MW) key for one second until
> you hear a double beep; the second beep confirms that
> the frequency information was successfully stored.
> Split-Frequency Memory Storage
> You can also store "Split" frequencies, such as when operat-
> ing on a repeater system not utilizing a "standard" offset. This
> procedure may also be used for DX work on 7 MHz SSB, etc.
> 1. In the VFO mode, set the desired Receive frequency and mode.
> 2. Press the [F] key momentarily, then rotate the MEM/
> VFO CH knob, as needed, until Multi Function Row
> "b" [MW, SKIP, TAG] appears on the display.
> 3. Press the [A](MW) key momentarily to enter the
> "Memory Check" mode, which is used to find an unused
> memory channel. The frequency stored (if any) on the
> current memory channel will be shown in the display.
> Rotate the MEM/VFO CH knob to select the channel on
> which you wish to store the receive frequency data.
> 4. Press and hold in the [A](MW) key for one second until

> you hear a double beep, which confirms that the Receive
> frequency data is now stored.
> 5. Now, set the desired Transmit frequency and mode on the VFO.
> 6. Press the [A](MW) key momentarily; do not rotate the
> MEM/VFO CH knob!
> While the "memory channel number" is blinking, press
> and hold in the PTT switch; while holding it in, press
> and hold in the [A](MW) key for one second.
> The double "beep" will confirm that independent Trans-
> mit frequency data is now stored. You may now release
> the PTT switch.
>
> Memory Channel Recall
> 1. If you currently are in the VFO tuning mode, press the
> V/M key once to enter the "Memory" mode (a memory
> channel number "M-nnn" will appear on the display in
> the space previously occupied by "VFOa" or "VFOb").
> 2. To select another memory channel, turn the MEM/VFO
> CH knob.
> 3. When your memory channels are partitioned into
> Memory Groups via Menu Mode No-055 [MEM
> GROUP], it is easy to change Memory Groups; press the
> MEM/VFO CH knob momentarily (a Group Number
> ("Ma" ~ "Mj") will blink), then turn the MEM/VFO CH
> knob to step through the channels until you enter an-
> other. You may now press the MEM/VFO CH knob once
> more to restrict memory channel access to the newly-
> selected Group.
> 4. Once you are operating on a memory channel, you may
> tune off of the originally-memorized frequency (as though
> you were in the VFO mode). Just rotate the DIAL knob;
> the "Memory Channel Number" will be replaced by one
> which indicates "MTUNE," indicating that you have now
> shifted into the "Memory Tuning" mode. When operat-
> ing the Memory Tuning mode, if you find another fre-
> quency you wish to store into another memory channel,
> just press the [A](MW) key momentarily, select a new
> memory channel via the MEM/VFO CH knob, then press
> and hold in the [A](MW) key until you hear the double
> beep.
> 5. To exit the Memory Tuning mode, press the V/M key as
> follows:
> · One touch of the V/M key returns you to the original
> memory frequency.
> · A second touch of the V/M key will cause you to exit
> the Memory mode and return to the VFO mode (the
> memory channel number will be replaced by "VFOa"
> or "VFOb".
>
This is great but how do I tune in the desires frequency, what position

should I be in the put in the desired frequency and tone, thank you for your time.

[Non-text portions of this message have been removed]

27181. Ameritron Amplifier And FT897

Yahoo group: FT897 (2009)
Date: 2009-08-08 13:32:45 UTC
From: Noel Zeibari
Topic: 27181 Message: 27181

Hi

My AL-811H amplifier is working fine with my other two Kenwood rigs.
Got an Audio Y-Cable from R/S with a 1/8" stereo male to Dual RCA Phono male and hooked it up. So far no matter what I tried, can't get the Amplifier to work.
The Tip is hooked up to ALC and the Ring is hooked up to the Relay.

Searched the archives, could not find anything relating to my problem.
My CT-62 Cat cable is hooked to com 7 on the computer.
I would appreciate if some one have the same setup could help me.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27182. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-08 21:25:56 UTC
From: TED
Topic: 27164 Message: 27182

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Isn't this in the manual?
>
>
> Yes it is but I am reaching the age where things don't make much sense,
Thank you
> From: TED [mailto:cinninnatti@...]
> Sent: Thursday, August 06, 2009 7:10 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: ENTERING A FREQUENCY
>
>
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Glenn
> (KØBO)" <yahoo@> wrote:
> >
> > TED wrote:
> > > Guys by mind is going, I forgot how to install a frequency, step by step
> please before putting into memory.
> > > thaks a lot
> > > Ted
> > >
> > There are two memory areas in the FT897 QuickBankd and Main.
> > Hope this helps
> > From the manual.........
> >
> > QMB (QUICK MEMORY BANK) CHANNELS
> > The "Quick Memory" Bank provides one-touch access to
> > frequencies you want to store and recall in a hurry. You may
> > store a "QMB" channel into a "regular" memory later, if
> > you like; use of the "regular" memories will be described
> > later.
> > QMB Channel Storage
> > 1. Tune in the desired frequency and set the operating mode
> > and bandwidth. If this is an FM channel, set up any re-
> > quired CTCSS/DCS and repeater shift configurations.
> > 2. Press and hold in the V/M key until a double "beep" is
> > heard. The second beep provides audible confirmation
> > that the data has been stored into the QMB memory.
> > Pressing the [A](STO) key momentarily while
> > in Multi Function Row "c" [STO, RCL, PROC]
> > will also store a frequency into the QMB register.

> >
> > QMB Channel Recall
> > 1. Press the [F] key momentarily, then rotate the MEM/
> > VFO CH knob, as needed, until Multi Function Row
> > "c" [STO, RCL, PROC] appears on the display.
> > 2. Press the [B](RCL) key momentarily to recall the QMB
> > memory. "QMB" will appear at the upper left corner on
> > the display.
> > 3. Press the [B](RCL) key once more to return to the previ-
> > ous frequency (either a VFO frequency or a Memory
> > channel).
> > If you move the DIAL knob or MEM/VFO CH
> > knob while in the QMB mode, you can change
> > frequencies as if you were in a "VFO" mode.
> > You also can change operating mode by pressing the
> > MODE( ) or MODE( ) key. When this is done,
> > "MTQMB" will appear in the display, where "MT" repre-
> > sents "Memory Tuning." Press the [B](RCL) key once
> > more to return to the originally-stored QMB frequency.
> >
> > ...**
> > MEMORY OPERATION ON
> > "REGULAR" MEMORY CHANNELS
> > Most Memory operation will be conducted in the "regular"
> > memory registers. There are 200 memory channels avail-
> > able for storage and recall of important frequencies.
> > Normal Memory Storage
> > 1. Tune in the desired frequency, and set the operating mode
> > and bandwidth. If this is an FM channel, set up any re-
> > quired CTCSS/DCS and repeater shift configurations.
> > Standard (default) repeater shifts do not require you to uti-
> > lize the "split" frequency memory technique, described later.
> > 2. Press the [F] key momentarily, then rotate the MEM/
> > VFO CH, as needed, until Multi Function Row "b" [MW,
> > SKIP, TAG] appears on the display.
> > 3. Press the [A](MW) key momentarily to enter the
> > "Memory Check" mode, which is used to find an unused
> > memory channel. The frequency stored (if any) on the
> > current memory channel will be shown in the display.
> > Rotate the MEM/VFO CH knob to select the channel num-
> > ber on which you wish to store the current frequency data.
> > 4. Press and hold in the [A](MW) key for one second until
> > you hear a double beep; the second beep confirms that
> > the frequency information was successfully stored.
> > Split-Frequency Memory Storage
> > You can also store "Split" frequencies, such as when operat-
> > ing on a repeater system not utilizing a "standard" offset. This
> > procedure may also be used for DX work on 7 MHz SSB, etc.
> > 1. In the VFO mode, set the desired Receive frequency and mode.
> > 2. Press the [F] key momentarily, then rotate the MEM/

> > VFO CH knob, as needed, until Multi Function Row
> > "b" [MW, SKIP, TAG] appears on the display.
> > 3. Press the [A](MW) key momentarily to enter the
> > "Memory Check" mode, which is used to find an unused
> > memory channel. The frequency stored (if any) on the
> > current memory channel will be shown in the display.
> > Rotate the MEM/VFO CH knob to select the channel on
> > which you wish to store the receive frequency data.
> > 4. Press and hold in the [A](MW) key for one second until
> > you hear a double beep, which confirms that the Receive
> > frequency data is now stored.
> > 5. Now, set the desired Transmit frequency and mode on the VFO.
> > 6. Press the [A](MW) key momentarily; do not rotate the
> > MEM/VFO CH knob!
> > While the "memory channel number" is blinking, press
> > and hold in the PTT switch; while holding it in, press
> > and hold in the [A](MW) key for one second.
> > The double "beep" will confirm that independent Trans-
> > mit frequency data is now stored. You may now release
> > the PTT switch.
> >
> > Memory Channel Recall
> > 1. If you currently are in the VFO tuning mode, press the
> > V/M key once to enter the "Memory" mode (a memory
> > channel number "M-nnn" will appear on the display in
> > the space previously occupied by "VFOa" or "VFOb").
> > 2. To select another memory channel, turn the MEM/VFO
> > CH knob.
> > 3. When your memory channels are partitioned into
> > Memory Groups via Menu Mode No-055 [MEM
> > GROUP], it is easy to change Memory Groups; press the
> > MEM/VFO CH knob momentarily (a Group Number
> > ("Ma" ~ "Mj") will blink), then turn the MEM/VFO CH
> > knob to step through the channels until you enter an-
> > other. You may now press the MEM/VFO CH knob once
> > more to restrict memory channel access to the newly-
> > selected Group.
> > 4. Once you are operating on a memory channel, you may
> > tune off of the originally-memorized frequency (as though
> > you were in the VFO mode). Just rotate the DIAL knob;
> > the "Memory Channel Number" will be replaced by one
> > which indicates "MTUNE," indicating that you have now
> > shifted into the "Memory Tuning" mode. When operat-
> > ing the Memory Tuning mode, if you find another fre-
> > quency you wish to store into another memory channel,
> > just press the [A](MW) key momentarily, select a new
> > memory channel via the MEM/VFO CH knob, then press
> > and hold in the [A](MW) key until you hear the double
> > beep.
> > 5. To exit the Memory Tuning mode, press the V/M key as

> > follows:
> > · One touch of the V/M key returns you to the original
> > memory frequency.
> > · A second touch of the V/M key will cause you to exit
> > the Memory mode and return to the VFO mode (the
> > memory channel number will be replaced by "VFOa"
> > or "VFOb".
> >
> This is great but how do I tune in the desires frequency, what position
> should I be in the put in the desired frequency and tone, thank you for your
> time.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27183. FT-897D Sale

Yahoo group: FT897 (2009)
Date: 2009-08-07 03:06:29 UTC
From: oscboise
Topic: 27183 Message: 27183

Please buy my FT-897D and others.

Any offers are welcome.

Details are at http://boise.craigslist.org/ele/1308420037.html
<http://boise.craigslist.org/ele/1308420037.html> .

Thanks,

Chul

[Non-text portions of this message have been removed]

27184. Re: ENTERING A FREQUENCY

Yahoo group: FT897 (2009)
Date: 2009-08-07 22:40:55 UTC
From: pat.4449
Topic: 27164 Message: 27184

I wouldn't normally say anything, but I have a personal observation of Dennis and his comments. He has acted as if he was the King and the rest of us are his jesters. He's done this on the repeaters in Nashville TN. He has left a person stranded with vehicle trouble after FD (2008). In short, Dennis does not know as much as he thinks he does and he is NOT a very nice person.

Pat WA7RED

> --- In FT897@yahoogroups.com, "D. F." <n8bmb1@> wrote:
> >
> > Can't remember where ya put the Op manual? LOL
> >
> > Dennis - N8BMB
> >
> DENNIS your reply helps no one, but thanks

27185. New Member question: how to interface FT897D with Codan autotune antenna 9350

Yahoo group: FT897 (2009)
Date: 2009-08-07 07:24:04 UTC
From: wowi2010
Topic: 27185 Message: 27185

Hello everyone. Happy to join this forum. Greetings from Sydney to all members!
I just purchased one 8 months old FT897D and wondering where to get an interface so that radio works with my Codan 9350 auto tune antenna. A Google search brought up a number of site where people describe how they designed their own interface, however I am not confident to be experienced enough to built my own interface using those available descripitions. Can anyone advise me how I can get the required interface. My other radio is a Codan NGT which I would also like continue to use with same antenna.
tks+cheers
Wolfgang (will only be assessed for Standard Licence this Sunday therefore no call sign yet)

27186. Re: FP-30 Power Supply NOISE FIX

Yahoo group: FT897 (2009)
Date: 2009-08-08 12:53:29 UTC
From: Gialt
Topic: 27175 Message: 27186

--- In FT897@yahoogroups.com, "Jim" <portdoverbells@...> wrote:
>
> Hi Guys,
> I added a couple of files on fixing the FP-30 Switching noise problem.
> I had been discussing this on this 897 site with some other Hams and couldn't find the original paperwork from Yaesu till today.
> Jim VE3DDY
>
What for noise problem is it some Hz sound at micro audio?
Because a good ham friend of me has that .

27187. First time transmitting and no mic at all...

Yahoo group: FT897 (2009)
Date: 2009-08-09 03:30:26 UTC
From: d_marotti
Topic: 27187 Message: 27187

I just got my 897D and turned it on for the first time today (after having a professionally installed antenna installed). I loaded the software, programed a couple of repeaters (that I use successfully on my VX-8R) and synch'd the radio with the software (RT Systems - love it). I can hear everyone out there perfectly, however, here is now my problem. When I key the mic, I'm not transmitting anything that is audible. I verified this with my VX-8R. I cannot hear myself or anything coming from my 897D. The Tone is correct, the CTCSS is correct, and the Off-Set (and direction) is correct. Even more strange, when I do key up, instead of seeing the meter bar indicating voice peaks, there are no bars at all, and the numbers / frequency "7.197.88" appears on the screen. The green light at the top of the largest dial turns red, so I assume the radio thinks it is transmitting, but it is obviously not. Does anyone have any suggestions? I've waited weeks for this radio, and now I can't talk. Please Help!

David (KC2VLZ)

27188. separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-07 10:12:29 UTC
From: Erwin Witt
Topic: 27188 Message: 27188

Hi all,
did anyone the mod separating the RX/TX lines for 2m ?
Or does anybody know how to do or at all if it is possible ?
Would be very useful for EME/MS using a HEMT FET preamp.
73's Erwin/DK5EW

27189. RE: [FT897] First time transmitting and no mic at all...

Yahoo group: FT897 (2009)
Date: 2009-08-09 07:26:15 UTC
From: D. F.
Topic: 27187 Message: 27189

Are you transmitting in split mode? That would explain why, when you transmit, the frequency (if it is displaying a frequency) of 7.197.88 appears in the display. As far as hearing yourself on the HT, has ANYONE ELSE given you the same report, or is it just you that hears this? Next, all your settings for transmit audio COULD be improperly set. There is no "correct" setting here, other than what makes YOU sound good on the air, as told to you by someone listening to your transmission (unless you have all the fancy test equipment and such).

Right now, I would hesitate to say anything is wrong with the radio until you check these things I mentioned first. I am sure someone else can most likely think of some other things to check for as well.

Good luck and let us know!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of d_marotti
Sent: Saturday, August 08, 2009 22:30
To: FT897@yahoogroups.com
Subject: [FT897] First time transmitting and no mic at all...

I just got my 897D and turned it on for the first time today (after having a professionally installed antenna installed). I loaded the software, programed a couple of repeaters (that I use successfully on my VX-8R) and synch'd the radio with the software (RT Systems - love it). I can hear everyone out there perfectly, however, here is now my problem. When I key the mic, I'm not transmitting anything that is audible. I verified this with my VX-8R. I cannot hear myself or anything coming from my 897D. The Tone is correct, the CTCSS is correct, and the Off-Set (and direction) is correct. Even more strange, when I do key up, instead of seeing the meter bar indicating voice peaks, there are no bars at all, and the numbers / frequency "7.197.88" appears on the screen. The green light at the top of the largest dial turns red, so I assume the radio thinks it is transmitting, but it is obviously not. Does anyone have any suggestions? I've waited weeks for this radio, and now I can't talk. Please Help!

David (KC2VLZ)

[Non-text portions of this message have been removed]

27190. Re: [FT897] First time transmitting and no mic at all...

Yahoo group: FT897 (2009)
Date: 2009-08-09 07:31:00 UTC
From: Keith
Topic: 27187 Message: 27190

d_marotti wrote:
> I just got my 897D and turned it on for the first time today (after
> having a professionally installed antenna installed). I loaded the
> software, programed a couple of repeaters (that I use successfully on
> my VX-8R) and synch'd the radio with the software (RT Systems - love
> it). I can hear everyone out there perfectly, however, here is now
> my problem. When I key the mic, I'm not transmitting anything that
> is audible. I verified this with my VX-8R. I cannot hear myself or
> anything coming from my 897D. The Tone is correct, the CTCSS is
> correct, and the Off-Set (and direction) is correct. Even more
> strange, when I do key up, instead of seeing the meter bar indicating
> voice peaks, there are no bars at all, and the numbers / frequency
> "7.197.88" appears on the screen. The green light at the top of the
> largest dial turns red, so I assume the radio thinks it is
> transmitting, but it is obviously not. Does anyone have any
> suggestions? I've waited weeks for this radio, and now I can't talk.
> Please Help!
>
> David (KC2VLZ)
>

You say you can't hear your voice but does the radio actually transmit
at all? You should be able to tell with a SWR/Power meter into a dummy
load.
Check in the menu for items number 005 & 051 & 074 to adjust mic gain
and processor levels. Instructions can be found starting on Page 54 of
the FT897D manual.
You should also check your mode of transmission to make sure that it is
FM, USB, LSB or AM for voice and not packet or digital or CW.

HTH,
Keith

[Non-text portions of this message have been removed]

27191. Re: [FT897] First time transmitting and no mic at all...

Yahoo group: FT897 (2009)
Date: 2009-08-09 17:37:23 UTC
From: Thomas Wilson
Topic: 27187 Message: 27191

You're in split mode.

It's on the "A" page (Press "F", turn the dial until the left side of
the screen says "MFa")

On Sat, Aug 8, 2009 at 8:30 PM, d_marotti<d_marotti@...> wrote:
>
>
> I just got my 897D and turned it on for the first time today (after having a
> professionally installed antenna installed). I loaded the software,
> programed a couple of repeaters (that I use successfully on my VX-8R) and
> synch'd the radio with the software (RT Systems - love it). I can hear
> everyone out there perfectly, however, here is now my problem. When I key
> the mic, I'm not transmitting anything that is audible. I verified this with
> my VX-8R. I cannot hear myself or anything coming from my 897D. The Tone is
> correct, the CTCSS is correct, and the Off-Set (and direction) is correct.
> Even more strange, when I do key up, instead of seeing the meter bar
> indicating voice peaks, there are no bars at all, and the numbers /
> frequency "7.197.88" appears on the screen. The green light at the top of
> the largest dial turns red, so I assume the radio thinks it is transmitting,
> but it is obviously not. Does anyone have any suggestions? I've waited weeks
> for this radio, and now I can't talk. Please Help!
>
> David (KC2VLZ)
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27192. RE: [FT897] separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-09 23:18:01 UTC
From: Michael Walker (VA3MW)
Topic: 27188 Message: 27192

Erwin

There are many preamps that are available that will switch out of line.

Most people who do EME/MS will add a PTT sequencer that turns off the preamp
before turning on the power amp, etc.

Mike VA3MW

From: Erwin Witt [mailto:wini.witt@...]
Sent: Friday, August 07, 2009 6:12 AM
To: FT897@yahoogroups.com
Subject: [FT897] separating RX/TX lines for 2m ?

Hi all,
did anyone the mod separating the RX/TX lines for 2m ?
Or does anybody know how to do or at all if it is possible ?
Would be very useful for EME/MS using a HEMT FET preamp.
73's Erwin/DK5EW

[Non-text portions of this message have been removed]

27193. REVISITED: CW tone goes very coarse & "Fuzzy" when tuned zero beat ?

Yahoo group: FT897 (2009)
Date: 2009-08-10 10:11:21 UTC
From: Victor Ward
Topic: 27193 Message: 27193

Trying again as no reponse to my last post on Aug' 3rd, so getting desperate for help.

The CW tone of my FT897 has developed a very "fuzzy" sound, almost as if the speaker is rattling (also through my Heil Pro headphones), I have the sidetone set at the default setting,
only occurs when I get close to and centre on zero beat, as if the front end is being swamped.
Compaired to my FT817 and Knwd TS570-D it is a very harsh raspy note, at it's worst dead on zero beat.
Speaker shows no evidence of this distortion on other modes, sounds perfect even at relatively high volume, only when at zero beat on CW.

Anyone else experience this? Anyone know of a fix? What have I done wrong to cause this? Would appreciate any advice.

73 de Vic GØFEI / NØFEI

27194. Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-10 16:39:42 UTC
From: dek2ty
Topic: 26884 Message: 27194

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> So I finally got my Bluetooth Serial adapter today... and it's pretty
> awesome.
>
> Let me explain my situation: due to my computer setup, I get RF from the
> radio in to the computer when I try to work PSK with Ham Radio Deluxe and
> Digital Master 780. RF is feeding back through the CAT cable in to the USB
> Serial port, dropping the connection between HRD and the radio. It also
> feeds through my keyboard switch in to my other computer, eventually
> injecting RF in to the house's TV cable wiring. Because of my audio, video,
> and USB interconnections between both computers, I can't isolate the ground
> on either computer. The computer also feeds RF noise back in to the
> computer. The quietest setup on both TX and RX was to have the radio
> grounded to my grounding stake outside and leave the computers and cable TV
> grounded to the cold water pipe... with the radio NOT connected to the
> computer.
>
> But I really wanted to use HRD, so the only viable solution was some sort of
> isolated serial port. Opto-isolated serial ports are expensive, so I thought
> about a bluetooth serial port. I picked up an IOGear BGS301 from Amazon and
> a Belkin Bluetooth adapter locally.
>
> The Serial port was easy to set up: the DIP switch sets one of 8 possible
> baud rates, and pairing it with the computer's Bluetooth was simple. This
> created a new COM port: COM7.
>
> So the next step is obvious: turn on HRD and tell it to talk on COM7.
> Everything went perfectly: I made several PSK CQ's on different bands and
> everything worked flawlessly. HRD never lost its connection to the radio,
> and the KVM switch didn't freak out like it had been.
>
> The total cost of this little project was around $80: $64 or so for the
> serial port and $15 for the Bluetooth adapter. Considering the fact that
> everything "just works" now, I'm going to call this one a win.
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>
> [Non-text portions of this message have been removed]
>

Tom

I also had ground related problems with my 897. I even blew the SMT resistor near the key jack like Dennis in this post: http://groups.yahoo.com/group/FT897/message/27116

You need to install a single point ground in your shack. Every single piece of equipment in the shack should have a short ground wire going to a common bus. Splitting your grounds like that will cause other problems (loops and a path for lightning induced voltages). Here's some good info: http://www.polyphaser.com/technical_notes.aspx

Your shack needs a single point ground. It must (should) be bonded to the ground at the service entrance. If you absolutely cannot ground your station's SPG to the ground rod at the service entrance, do not ground the station. I went from burning things up at legal limit to having a nice quiet station. If you continue as you are, you will discover ground loops and RFI at different frequencies but most importantly you will create a path to ground for lightning induced voltages through your station.

Grounding has to be one of the most hotly debated topics in amateur radio. I've probably misstated something in my reply but don't trust me! Search Google for single point grounding and notice how commercial transmitters are grounded. We have water storage tanks at work 150' + with radio equipment installed in them. They are stuck regularly with no ill effects. Water tanks and commercial towers sometimes have strike counters installed and yet the transmitters and other electrical equipment suffer no ill effects.

If all your equipment is at the same ground potential, you won't have any RFI induced either way unless... your ground wires or interconnecting wires are 1/4 wavelength.If you cannot shorten your ground wire, parallel your 1/4 wave length ground wire with a 1/2 wave length ground. I believe HRD mentions an opto isolator OR ferrites. Try a SPG first.

27195. Re: [FT897] Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-10 19:41:57 UTC
From: P Grant
Topic: 26884 Message: 27195

Well done Tom,,,

I was waiting to see how your arrangement would sort itself out !

I had a somewhat lesser but similar problem a good few years ago, it concerned running HF RTTY, and having QSO's on 70.26 MHz, at the same time, on a chat frequency.

I was getting breakthrough everywhere on HF [I was using a Rig Blaster Pro],,, I solved all my problems, by isolating the whole shack, using a 3KW 230/230 VAC isolation transformer, and thus leaving the house mains "outside the shack",,, [all my earths are Shack only RF earths] something in the "loop", seemed to amplify the VHF [AM] and distort all my digi stuff.

There was no Broadband at the time, and that would be making things even worse now a days.

Thanks for sharing that with us.

Best 73 from Ireland

Peter EI4HX ei4hxperimental@...

----- Original Message -----
From: dek2ty
To: FT897@yahoogroups.com
Sent: Monday, August 10, 2009 4:39 PM
Subject: [FT897] Re: RF isolation via Bluetooth....

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> So I finally got my Bluetooth Serial adapter today... and it's pretty
> awesome.
>
> Let me explain my situation: due to my computer setup, I get RF from the
> radio in to the computer when I try to work PSK with Ham Radio Deluxe and
> Digital Master 780. RF is feeding back through the CAT cable in to the USB
> Serial port, dropping the connection between HRD and the radio. It also
> feeds through my keyboard switch in to my other computer, eventually
> injecting RF in to the house's TV cable wiring. Because of my audio, video,
> and USB interconnections between both computers, I can't isolate the ground
> on either computer. The computer also feeds RF noise back in to the
> computer. The quietest setup on both TX and RX was to have the radio
> grounded to my grounding stake outside and leave the computers and cable TV
> grounded to the cold water pipe... with the radio NOT connected to the
> computer.
>
> But I really wanted to use HRD, so the only viable solution was some sort of
> isolated serial port. Opto-isolated serial ports are expensive, so I thought

> about a bluetooth serial port. I picked up an IOGear BGS301 from Amazon and
> a Belkin Bluetooth adapter locally.
>
> The Serial port was easy to set up: the DIP switch sets one of 8 possible
> baud rates, and pairing it with the computer's Bluetooth was simple. This
> created a new COM port: COM7.
>
> So the next step is obvious: turn on HRD and tell it to talk on COM7.
> Everything went perfectly: I made several PSK CQ's on different bands and
> everything worked flawlessly. HRD never lost its connection to the radio,
> and the KVM switch didn't freak out like it had been.
>
> The total cost of this little project was around $80: $64 or so for the
> serial port and $15 for the Bluetooth adapter. Considering the fact that
> everything "just works" now, I'm going to call this one a win.
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>
>
> [Non-text portions of this message have been removed]
>

Tom

I also had ground related problems with my 897. I even blew the SMT resistor near the key jack like Dennis in this post: http://groups.yahoo.com/group/FT897/message/27116

You need to install a single point ground in your shack. Every single piece of equipment in the shack should have a short ground wire going to a common bus. Splitting your grounds like that will cause other problems (loops and a path for lightning induced voltages). Here's some good info: http://www.polyphaser.com/technical_notes.aspx

Your shack needs a single point ground. It must (should) be bonded to the ground at the service entrance. If you absolutely cannot ground your station's SPG to the ground rod at the service entrance, do not ground the station. I went from burning things up at legal limit to having a nice quiet station. If you continue as you are, you will discover ground loops and RFI at different frequencies but most importantly you will create a path to ground for lightning induced voltages through your station.

Grounding has to be one of the most hotly debated topics in amateur radio. I've probably misstated something in my reply but don't trust me! Search Google for single point grounding and notice how commercial transmitters are grounded. We have water storage tanks at work 150' + with radio equipment installed in them. They are stuck regularly with no ill effects. Water tanks and commercial towers sometimes have strike counters installed and yet the transmitters and other electrical equipment suffer no ill effects.

If all your equipment is at the same ground potential, you won't have any RFI induced either way unless... your ground wires or interconnecting wires are 1/4 wavelength.If you

cannot shorten your ground wire, parallel your 1/4 wave length ground wire with a 1/2 wave length ground. I believe HRD mentions an opto isolator OR ferrites. Try a SPG first.

[Non-text portions of this message have been removed]

27196. Re: [FT897] Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-10 19:21:38 UTC
From: Charles Scott
Topic: 26884 Message: 27196

dek2ty:

A "Single Point Ground" is not meant to be a solution to any RF related problems. It is simply intended to be for electrical and lightning safety and protection. If you have RF getting to that point then you can expect it to show up on equipment connected in some way to the Single Point Ground. You simply can't assume that your equipment is going to be at the same "ground potential" (argh!) for RF regardless of how it's connected to any percieved ground. Lightning and electrical faults are another story.

The problem described was specifically about RFI problems related to a computer TV and other things. This is a problem with RF getting into the house and affecting things.

Chuck - N8DNX

dek2ty wrote:
>
> Tom
>
> I also had ground related problems with my 897. I even blew the SMT resistor near the key jack like Dennis in this post: http://groups.yahoo.com/group/FT897/message/27116
>
> You need to install a single point ground in your shack. Every single piece of equipment in the shack should have a short ground wire going to a common bus. Splitting your grounds like that will cause other problems (loops and a path for lightning induced voltages). Here's some good info: http://www.polyphaser.com/technical_notes.aspx
>
> Your shack needs a single point ground. It must (should) be bonded to the ground at the service entrance. If you absolutely cannot ground your station's SPG to the ground rod at the service entrance, do not ground the station. I went from burning things up at legal limit to having a nice quiet station. If you continue as you are, you will discover ground loops and RFI at different frequencies but most importantly you will create a path to ground for lightning induced voltages through your station.
>
> Grounding has to be one of the most hotly debated topics in amateur radio. I've probably misstated something in my reply but don't trust me! Search Google for single point grounding and notice how commercial transmitters are grounded. We have water storage tanks at work 150' + with radio equipment installed in them. They are stuck regularly with no ill effects. Water tanks and commercial towers sometimes have strike counters installed and yet the transmitters and other electrical equipment suffer no ill effects.
>
> If all your equipment is at the same ground potential, you won't have any RFI induced either way unless... your ground wires or interconnecting wires are 1/4 wavelength.If you cannot shorten your ground wire, parallel your 1/4 wave length ground wire with a 1/2 wave

length ground. I believe HRD mentions an opto isolator OR ferrites. Try a SPG first.
>
>

27197. Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-11 00:10:18 UTC
From: dek2ty
Topic: 26884 Message: 27197

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> dek2ty:
>
> A "Single Point Ground" is not meant to be a solution to any RF related
> problems. It is simply intended to be for electrical and lightning
> safety and protection. If you have RF getting to that point then you can
> expect it to show up on equipment connected in some way to the Single
> Point Ground. You simply can't assume that your equipment is going to be
> at the same "ground potential" (argh!) for RF regardless of how it's
> connected to any percieved ground. Lightning and electrical faults are
> another story.
>
> The problem described was specifically about RFI problems related to a
> computer TV and other things. This is a problem with RF getting into the
> house and affecting things.
>
> Chuck - N8DNX
>
> dek2ty wrote:
> >
> > Tom
> >
> > I also had ground related problems with my 897. I even blew the SMT resistor near the
key jack like Dennis in this post: http://groups.yahoo.com/group/FT897/message/27116
> >
> > You need to install a single point ground in your shack. Every single piece of
equipment in the shack should have a short ground wire going to a common bus. Splitting
your grounds like that will cause other problems (loops and a path for lightning induced
voltages). Here's some good info: http://www.polyphaser.com/technical_notes.aspx
> >
> > Your shack needs a single point ground. It must (should) be bonded to the ground at the
service entrance. If you absolutely cannot ground your station's SPG to the ground rod at
the service entrance, do not ground the station. I went from burning things up at legal
limit to having a nice quiet station. If you continue as you are, you will discover ground
loops and RFI at different frequencies but most importantly you will create a path to
ground for lightning induced voltages through your station.
> >
> > Grounding has to be one of the most hotly debated topics in amateur radio. I've
probably misstated something in my reply but don't trust me! Search Google for single point
grounding and notice how commercial transmitters are grounded. We have water storage tanks
at work 150' + with radio equipment installed in them. They are stuck regularly with no ill
effects. Water tanks and commercial towers sometimes have strike counters installed and yet
the transmitters and other electrical equipment suffer no ill effects.
> >

> > If all your equipment is at the same ground potential, you won't have any RFI induced either way unless... your ground wires or interconnecting wires are 1/4 wavelength.If you cannot shorten your ground wire, parallel your 1/4 wave length ground wire with a 1/2 wave length ground. I believe HRD mentions an opto isolator OR ferrites. Try a SPG first.
> >
> >
>

So you feel that his solution (two grounds) is a good one? You don't feel that this will create ground loops and the potential for damage due to lightning induced voltages? He did mention "RF coming from computer to radio", I suspect that that is a ground loop. Perhaps I should have worded my post a little better.

27198. Re: [FT897] Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-11 01:26:57 UTC
From: Thomas Wilson
Topic: 26884 Message: 27198

Whenever you mix computers and grounded audio equipment, you have ground loop problems. In my case, I have a ton of audio equipment and a second computer with its own audio equipment connected to the same computer that the radio is connected to. The house's ground situation is abysmal, and since I rent, I don't get the luxury of doing everything the way I want. My solution is the best one I was able to come up with considering the constraints I had to deal with.

> So you feel that his solution (two grounds) is a good one? You don't feel that this will create ground loops and the potential for damage due to lightning induced voltages? He did mention "RF coming from computer to radio", I suspect that that is a ground loop. Perhaps I should have worded my post a little better.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27199. Re: RESOLVED: CW tone goes very coarse & "Fuzzy" when tuned zero beat ?

Yahoo group: FT897 (2009)
Date: 2009-08-11 13:51:18 UTC
From: Victor Ward
Topic: 27193 Message: 27199

Hi ALL .
Very many thanks to those on QRZ.com for taking the trouble to respond to me. I tried one more thing before attempting to do a factory re-set as suggested by Werner PAØFLE and it worked for me. I had returned all of the menu settings to default but overlooked AGC as it doesn't appear as a menu item - so I missed it.
Thanks to Ronald NN4RH for pointing me in the right direction - he was spot-on.
The problem was being caused by the AGC setting that was set incorrectly, once I corrected this - all is now OK.
Rig is now singing in perfect pitch with no distortion at all. The answer to my problem was on page 25 of the Yaesu FT897 Operating Manual (last paragraph), something new I learned today.
Once again, thanks all for your help, it is much appreciated. I hope others may benefit from the airing of this issue.

73 de Vic GØFEI / NØFEI

27200. Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-11 14:07:08 UTC
From: oldmayorkd5lbe
Topic: 26884 Message: 27200

Your probably not listening to the music equipment and working on the radio so turn off the music system and then keep a good safe ground. What would it cost to start over?

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Whenever you mix computers and grounded audio equipment, you have
> ground loop problems. In my case, I have a ton of audio equipment and
> a second computer with its own audio equipment connected to the same
> computer that the radio is connected to. The house's ground situation
> is abysmal, and since I rent, I don't get the luxury of doing
> everything the way I want. My solution is the best one I was able to
> come up with considering the constraints I had to deal with.
>
> > So you feel that his solution (two grounds) is a good one? You don't feel that this will create ground loops and the potential for damage due to lightning induced voltages? He did mention "RF coming from computer to radio", I suspect that that is a ground loop. Perhaps I should have worded my post a little better.
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>

27201. Re: REVISITED: CW tone goes very coarse & "Fuzzy" when tuned zero beat ?

Yahoo group: FT897 (2009)
Date: 2009-08-11 14:08:11 UTC
From: john_kb0ne
Topic: 27193 Message: 27201

Hi,
I don't have a specific answer to your question but.... make sure all the digital filtering and noise blanker are turned off and then
see if that affects the problem you are having. Could be an unhappy DSP filter trying to do something it just can't quite do.

---------From the manual (esp key "C")

Multi Function Row "p" (MFp) [DNR, DNF, DBF]

[A] Key: DNR
Press the [A](DNR) key to activate the DSP Noise Reduction system.
Press and hold in the [A](DNR) key for one second recall Menu Mode No-049 [DSP NR LEVEL] (for setting the degree
of DSP Noise Reduction).
[B] Key: DNF
Press the [B](DNF) key to activate the DSP's Auto Notch Filter.
[C] Key: DBF
Press the [C](DBF) key to activate the DSP's receiver Bandpass Filter.
In the SSB, AM, FM, and AFSK modes, press and hold in the [C](DBF) key for one second to recall Menu Mode No-
047 [DSP LPF CUTOFF] (for adjusting the high-frequency cutoff of the DSP Bandpass Filter).
In the CW mode, press and hold in the [C](DBF) key for one second to recall Menu Item No-045 [DSP BPF WIDTH]
(for setting the CW bandwidth)

--- In FT897@yahoogroups.com, "Victor Ward" <g0fei@...> wrote:
>
> Trying again as no reponse to my last post on Aug' 3rd, so getting desperate for help.
>
> The CW tone of my FT897 has developed a very "fuzzy" sound, almost as if the
> speaker is rattling (also through my Heil Pro headphones),

27202. Re: separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-11 15:07:00 UTC
From: Erwin Witt
Topic: 27188 Message: 27202

Hi Mike,
of course I use right now a sequencer and a Preamp with coax relays.
I'm asking for a mode separating TRX lines because of using a low noise LNA without switching relays.Therefore separating lines is needed.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Erwin
>
>
>
> There are many preamps that are available that will switch out of line.
>
>
>
> Most people who do EME/MS will add a PTT sequencer that turns off the preamp
> before turning on the power amp, etc.
>
>
>
> Mike VA3MW
>
>
>
> From: Erwin Witt [mailto:wini.witt@...]
> Sent: Friday, August 07, 2009 6:12 AM
> To: FT897@yahoogroups.com
> Subject: [FT897] separating RX/TX lines for 2m ?
>
>
>
>
>
> Hi all,
> did anyone the mod separating the RX/TX lines for 2m ?
> Or does anybody know how to do or at all if it is possible ?
> Would be very useful for EME/MS using a HEMT FET preamp.
> 73's Erwin/DK5EW
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

27203. Re: [FT897] Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-11 16:51:38 UTC
From: Thomas Wilson
Topic: 26884 Message: 27203

Okay, look... I know I'm not a moderator here, but I'm getting really frustrated at people going off topic and trying to start (or continue) debates about things that aren't an FT-897.

I didn't join the mailing list to have an argument about the topic of the week. When people got in to the "skin effect" discussion, I finally just sent the posts, unread, to the trash bin.

Can we stick to discussions about the *radio* and its accessories, leaving arguments and OT discussions to places like the qrz forums? I'd like to think we can all cooperate in not filling up everyone's mailboxes with junk when one post about the topic will do. Including the replies, this is now, what, #5? The first one was sufficient.

My original post enumerated the reasons I needed to isolate the radio, and you can type until your fingers are blue - it won't fix the underlying problem. It will be enough to make me drop this mailing list, and I'd like to think that I've been helpful here. I've certainly gleaned some knowledge from this list, but I get enough OT arguments from various mailing lists that I just don't have a tolerance for it any more.

Thanks.
-Tom

On Tue, Aug 11, 2009 at 7:07 AM,
oldmayorkd5lbe<morriltonmayor@...> wrote:
>
>
> Your probably not listening to the music equipment and working on the radio
> so turn off the music system and then keep a good safe ground. What would it
> cost to start over?
>
> --- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>>
>> Whenever you mix computers and grounded audio equipment, you have
>> ground loop problems. In my case, I have a ton of audio equipment and
>> a second computer with its own audio equipment connected to the same
>> computer that the radio is connected to. The house's ground situation
>> is abysmal, and since I rent, I don't get the luxury of doing
>> everything the way I want. My solution is the best one I was able to
>> come up with considering the constraints I had to deal with.
>>
>> > So you feel that his solution (two grounds) is a good one? You don't
>> > feel that this will create ground loops and the potential for damage due to
>> > lightning induced voltages? He did mention "RF coming from computer to

>> > radio", I suspect that that is a ground loop. Perhaps I should have worded
>> > my post a little better.
>>
>> --
>> Tom Wilson
>> wilsontp@...
>> (619)342-1391
>> KI6ABZ
>>
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27204. Re: [FT897] Re: RESOLVED: CW tone goes very coarse & "Fuzzy" when tuned zero beat ?

Yahoo group: FT897 (2009)
Date: 2009-08-11 16:53:59 UTC
From: Thomas Wilson
Topic: 27193 Message: 27204

I saw your post on QRZ... I think you actually said "it sounds like
the front end is overloaded", which made me think "RF gain"
right-off... but I saw you'd already gotten the help you need.

I'm glad you got it resolved
-Tom

On Tue, Aug 11, 2009 at 6:51 AM, Victor Ward<g0fei@...> wrote:
>
>
> Hi ALL .
> Very many thanks to those on QRZ.com for taking the trouble to respond to
> me.

> The problem was being caused by the AGC setting that was set incorrectly,
> once I corrected this - all is now OK.

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27205. Re: RF isolation via Bluetooth....

Yahoo group: FT897 (2009)
Date: 2009-08-12 01:54:49 UTC
From: ki6jwb
Topic: 26884 Message: 27205

I also had issues with ground loops using my PC, rigblaster pro, HRD, and skype as a remote control station. There was an obvious AC hum until I stopped using the onboard audio and switched to a usb sound card. All issues solved, PSK worked, remote skype audio was fine, even playing audio mp3 files work (not that I ever rebroadcast anything though. :)

Sometimes removing wires, wiggling them, changing them and choking them works, you just have to take the SWAG approach and keep on until it's fixed. I assume RFI can be just as daunting a challenge...

John B
K6JWB
San Diego

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Whenever you mix computers and grounded audio equipment, you have
> ground loop problems. In my case, I have a ton of audio equipment and
> a second computer with its own audio equipment connected to the same
> computer that the radio is connected to. The house's ground situation
> is abysmal, and since I rent, I don't get the luxury of doing
> everything the way I want. My solution is the best one I was able to
> come up with considering the constraints I had to deal with.
>
> > So you feel that his solution (two grounds) is a good one? You don't feel that this will create ground loops and the potential for damage due to lightning induced voltages? He did mention "RF coming from computer to radio", I suspect that that is a ground loop. Perhaps I should have worded my post a little better.
>
> --
> Tom Wilson
> wilsontp@...
> (619)342-1391
> KI6ABZ
>

27206. RE: [FT897] Re: separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-12 03:26:51 UTC
From: Michael Walker (VA3MW)
Topic: 27188 Message: 27206

I imagine, without opening my unit, that there are unique RF cable that go from both the receiver and the transmitter to a T/R relay somewhere. I would just pull the receiver one off and add an external connector.

Mike

From: Erwin Witt [mailto:wini.witt@...]
Sent: Tuesday, August 11, 2009 11:07
To: FT897@yahoogroups.com
Subject: [FT897] Re: separating RX/TX lines for 2m ?

Hi Mike,
of course I use right now a sequencer and a Preamp with coax relays.
I'm asking for a mode separating TRX lines because of using a low noise LNA without switching relays.Therefore separating lines is needed.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Erwin
>
>
>
> There are many preamps that are available that will switch out of line.
>
>
>
> Most people who do EME/MS will add a PTT sequencer that turns off the preamp
> before turning on the power amp, etc.
>
>
>
> Mike VA3MW
>
>
>
> From: Erwin Witt [mailto:wini.witt@...]
> Sent: Friday, August 07, 2009 6:12 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] separating RX/TX lines for 2m ?
>
>
>

>
>
> Hi all,
> did anyone the mod separating the RX/TX lines for 2m ?
> Or does anybody know how to do or at all if it is possible ?
> Would be very useful for EME/MS using a HEMT FET preamp.
> 73's Erwin/DK5EW
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27209. Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 13:55:25 UTC
From: Sam Saladino
Topic: 27209 Message: 27209

Last night when I turned on my rig, the BATT A LED was flashing, I have no internal batteries installed. I'd switch the rocker switch on top of the case to position B and the BATT B LED would flash. Later instead of flashing it went to constant LED on. This morning I did a full reset, and no change. Of course after doing the reset I had to reprogram my 2 Meter Repeater Frequencies in, and discovered the Tone Board is apparently not working either. I have full power out, checked using a Wattmeter but can't bring up the repeaters.

I'm wondering if something may have happened during the storms that rolled through here a few nights ago. Anything I can check, or try to rule that out?

Sam NW9T

27210. Re: [FT897] Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 14:32:07 UTC
From: Harold Burton
Topic: 27209 Message: 27210

My transceiver is the FT-857, little brother to the FT-897, which
has no batteries. I don't know what the 897's battery connector
looks like, but is it possible that it's shorting against something
in the case that's stimulating the battery indicator LED? One
would think that something must be competing the circuit in
order to light up the LED.

Harold
KD5SAK

----- Original Message -----
From: "Sam Saladino" <ortracr@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, August 12, 2009 8:55 AM
Subject: [FT897] Problem

> Last night when I turned on my rig, the BATT A LED was flashing, I have no
> internal batteries installed. I'd switch the rocker switch on top of the
> case to position B and the BATT B LED would flash. Later instead of
> flashing it went to constant LED on. This morning I did a full reset, and
> no change. Of course after doing the reset I had to reprogram my 2 Meter
> Repeater Frequencies in, and discovered the Tone Board is apparently not
> working either. I have full power out, checked using a Wattmeter but can't
> bring up the repeaters.
>
> I'm wondering if something may have happened during the storms that rolled
> through here a few nights ago. Anything I can check, or try to rule that
> out?
>
> Sam NW9T

27211. RE: [FT897] Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 15:43:46 UTC
From: D. F.
Topic: 27209 Message: 27211

Not sure if it makes a difference, but, do you have the brown wire connected or is it making/breaking contact with power and/or ground? It (brown wire) is part of the power connection off the back of the radio and intermingled with the red and black. I do not use mine.

Next, take covers off and ensure that ALL screws securing the boards are tight. The 857 has an issue with these coming loose.

Try those and see if that helps.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Harold Burton
Sent: Wednesday, August 12, 2009 09:32
To: FT897@yahoogroups.com
Subject: Re: [FT897] Problem

My transceiver is the FT-857, little brother to the FT-897, which has no batteries. I don't know what the 897's battery connector looks like, but is it possible that it's shorting against something in the case that's stimulating the battery indicator LED? One would think that something must be competing the circuit in order to light up the LED.

Harold
KD5SAK

----- Original Message -----
From: "Sam Saladino" <ortracr@sbcglobal.
<mailto:ortracr%40sbcglobal.net> net>
To: <FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com>
Sent: Wednesday, August 12, 2009 8:55 AM
Subject: [FT897] Problem

> Last night when I turned on my rig, the BATT A LED was flashing, I have no
> internal batteries installed. I'd switch the rocker switch on top of the
> case to position B and the BATT B LED would flash. Later instead of
> flashing it went to constant LED on. This morning I did a full reset, and
> no change. Of course after doing the reset I had to reprogram my 2 Meter
> Repeater Frequencies in, and discovered the Tone Board is apparently not

> working either. I have full power out, checked using a Wattmeter but
can't
> bring up the repeaters.
>
> I'm wondering if something may have happened during the storms that
rolled
> through here a few nights ago. Anything I can check, or try to rule
that
> out?
>
> Sam NW9T

[Non-text portions of this message have been removed]

27212. Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 16:05:10 UTC
From: Sam Saladino
Topic: 27209 Message: 27212

I had never taken off the cover to even look, but I did now. There are two connectors, PC Board Mounted on the non-foil side. Each connector is a plastic housing with 3 metal pins which are recessed beneath the edge of the housing. Nothing in there to short out against. So if there is a short it would have to be on the other side of the PC Board and I'm assuming major disassembly of the rig. Thanks for the idea though.

Sam NW9T

27213. RE: [FT897] Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 16:57:49 UTC
From: D. F.
Topic: 27209 Message: 27213

No, no. The brown wire is part of the power leads NOT INSIDE THE RADIO. If you look at them you see the large gauge red & black wires. Intermingled with them is the brown. Make sure it (the brown wire) isn't shorting or making contact with power or ground intermittently. Sometimes the brown wire just hangs around, and if it contacts something it shouldn't, it could give a false "warning" or indicator.

The screws I refer to are inside the metal radio housing. They secure the boards to the chassis and provide a ground for the internal components. ALL screws should be checked to ensure they are tight. These screws have nothing to do with the power leads. There are no plastic housings we are looking at/for. Depending on where the screw is located, if the screw comes loose, it can cause all sorts of unwanted problems from bad audio, to power issues.

One other thing I forgot to mention, is your power supply providing enough power and/or amps? You NEED a power supply of 13.8 volts and a MINIMUM of 20 amps. If the power or amperage is not sufficient, the radio may indicate a "Batt" issue. Check your supply and ensure you have the proper power to the rig.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sam Saladino
Sent: Wednesday, August 12, 2009 11:05
To: FT897@yahoogroups.com
Subject: [FT897] Re: Problem

I had never taken off the cover to even look, but I did now. There are two connectors, PC Board Mounted on the non-foil side. Each connector is a plastic housing with 3 metal pins which are recessed beneath the edge of the housing. Nothing in there to short out against. So if there is a short it would have to be on the other side of the PC Board and I'm assuming major disassembly of the rig. Thanks for the idea though.

Sam NW9T

[Non-text portions of this message have been removed]

27214. Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 19:38:43 UTC
From: Sam Saladino
Topic: 27209 Message: 27214

Thanks Dennis N9BMB my response was to KD5SAK Harold's Post, I didn't see yours until just now. My power supply lead only has a red and black lead, there is no brown wire, with the power leads or connected to the power connector among the power leads. The Red lead branches into two red leads that are in the power connector and the Black lead does the same, no other wires.

As far as the Power Supply it's the Kenwood KPS 15 power supply, same one I've been using with this rig for the last 6 months. Amp Rating is 23 Amps continuous with 25 Amp surge. Voltage out reads 13.9 volts on my VOM.

The rig has only been used here on the desk, and not moved around or used in a mobile situation so no idea how a screw could work loose, but I'll double check just the same. Thanks again for your input and assistance.

Sam NW9T

27215. Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 19:44:23 UTC
From: Sam Saladino
Topic: 27209 Message: 27215

I just re-read Dennis' post and just to clarify I do have the FT 897D, not the FT 857. Harold who responded to my post has the 857.

Sam NW9T

27216. RE: [FT897] Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 19:57:11 UTC
From: D. F.
Topic: 27209 Message: 27216

Not a problem.

The screws issue does not require any bouncing around or vibration. Not sure what the particular issue could be, could just be a fault at manufacture. Don't really know. But check them anyway.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Sam Saladino
Sent: Wednesday, August 12, 2009 14:44
To: FT897@yahoogroups.com
Subject: [FT897] Re: Problem

I just re-read Dennis' post and just to clarify I do have the FT 897D, not the FT 857. Harold who responded to my post has the 857.

Sam NW9T

[Non-text portions of this message have been removed]

27217. Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-12 21:01:41 UTC
From: Sam Saladino
Topic: 27209 Message: 27217

OK, will do just to be safe. That's also a common problem in the old Kenwood TS 120S xceivers. Loose screws as well as corrosion building up on the joints between the metal chassis parts, which I think was caused by using dissimilar metals. I still have mine, but about once a year or sometimes less I have to take it apart and clean all the joints and tighten the screws. If not it wanders all over the place and won't stay on frequency. Thanks again for your help and I'll double check the screws.

Sam NW9T

27218. Re: Problem

Yahoo group: FT897 (2009)
Date: 2009-08-13 03:01:53 UTC
From: Sam Saladino
Topic: 27209 Message: 27218

Checked all the screws and everything feels tight. I unplugged and replugged the rocker switch used to switch between A and B batteries several times into it's corresponding socket to make sure it was seated well. Also checked to make sure no visible shorts between wires on rocker switch. No change, LED still flashing.

27219. Re: Battery Light Mystery

Yahoo group: FT897 (2009)
Date: 2009-08-12 13:13:15 UTC
From: chuckschott727
Topic: 27219 Message: 27219

--- In FT897@yahoogroups.com, "Sam Saladino" <ortracr@...> wrote:
>
> I hadn't turned the rig on for a few days, and last night I thought I'd listen to 6 meters during the meteor shower. I noticed my battery LED was glowing orange on the faceplate. However, I have NO internal batteries. A while later the light went to solid on orange. This morning I did a reset to see if that would fix the problem and now the LED (whichever position I have selected)is back to flashing. Very distracting to say the least. Anyone else run into this problem?
>

Interesting that you say that. About 2 weeks ago, I noticed the same thing. I am going to check the menue to see if something needs to be turned off

27220. New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-11 13:36:26 UTC
From: leekianbeng
Topic: 27220 Message: 27220

Hi,

I am a new HAM. I just obtained the following :

1) Yaesu FT-897D
2) MFJ 949E
3) MFJ 1622

Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.

The problem I am having is that I am getting a lot of noise. My S-meter level, if that is correct is always around S7 to S9.

I just keep on hearing lots of noise and I can't seem the tune my antenna down to a SWR of less than 2:1. I am just getting 2.5:1.

I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.

I am trying to get on 20m and 40m.

I would appreciate any advise.

Thanks :)

27221. No power on?????????????

Yahoo group: FT897 (2009)
Date: 2009-08-12 17:08:42 UTC
From: fdrowlands
Topic: 27221 Message: 27221

Radio wont switch on after power supply going overvotage! about 31 volts went up the power cable! no bangs or smoke but no switch on either! tried it on another PSU that's ok power to the radios board! but radio is dead! any ideas what damage i may have done? is there a simple cure ect??? ie onboard fuse/jumper protection!
Many Thanks
Fred

27222. Just saying hello!

Yahoo group: FT897 (2009)
Date: 2009-08-12 15:54:06 UTC
From: unhban
Topic: 27222 Message: 27222

Hi Guys! Just thought I'd say hello as I'm new to the forum.

I got my FT-897D yesterday and plumbed it into the car this morning - just on 2m/70cms and 6m at the mo. I've a few questions about it but will open a new thread each time rather than in one long post!

But! My first question is....

The front of the manual says FT-897D but on the rig it just says FT-897 (on the front and the side). So.... do I have an D or not? And what is the difference?

David G4TUP.

27223. Yaesu FT857/897 reliability

Yahoo group: FT897 (2009)
Date: 2009-08-12 20:04:50 UTC
From: John Geiger
Topic: 27223 Message: 27223

Have the current crop of Yaesu FT897D and FT857D (within the last 2 years or so) had all of the problems worked out of them? I know some of the early models had problems with RF feedback changing the hidden menus, and an incorrect bias affecting 6m audio, things like that. Have these been fixed? Are there any other recurring problems showing up in these radios-or other things that affect the reliability of them?

73s John AA5JG

27224. Just purchased an FT 897D

Yahoo group: FT897 (2009)
Date: 2009-08-11 16:54:06 UTC
From: chajun.t21@btinternet.com
Topic: 27224 Message: 27224

Helo what mic eq setting do most users have using the supplied mic. Also the switch on the reverese of the mic which setting is for the Japanese voice?
Tnx
Chas
GM4WIE

27225. 4 Band Dipole setup

Yahoo group: FT897 (2009)
Date: 2009-08-12 15:13:41 UTC
From: kd8lam
Topic: 27225 Message: 27225

I am going to set up a 4 band dipole antenna for this new used rig using a Jetstream Dipole Kit. My question for all of you is what bands would you set the dipole up for.

Specifically I am interested in learning CW this winter and getting into PSK31. PSK31 will require 20m and 40m.

Any suggestions?

73
KD8LAM
Doug

27226. Re: [FT897] Yaesu FT857/897 reliability

Yahoo group: FT897 (2009)
Date: 2009-08-13 04:04:20 UTC
From: Thomas Wilson
Topic: 27223 Message: 27226

oh, there are still some bugs....

1. When your antenna is too close to the radio on CW, RF can blow out the keyer.
2. Switching channels while in "REV" (listening to the repeater input)
will reset the current memory cell.
3. I found another bug involving manually entering a frequency while
in MR mode. It also reset the current memory cell.

That's just on my 897D... I'm sure other people have found other
undocumented behaviors. :-)

On Wed, Aug 12, 2009 at 1:04 PM, John Geiger<aa5jg@...> wrote:
>
>
> Have the current crop of Yaesu FT897D and FT857D (within the last 2 years or
> so) had all of the problems worked out of them? I know some of the early
> models had problems with RF feedback changing the hidden menus, and an
> incorrect bias affecting 6m audio, things like that. Have these been fixed?
> Are there any other recurring problems showing up in these radios-or other
> things that affect the reliability of them?
>
> 73s John AA5JG
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27227. Re: [FT897] Just purchased an FT 897D

Yahoo group: FT897 (2009)
Date: 2009-08-13 04:05:50 UTC
From: Thomas Wilson
Topic: 27224 Message: 27227

The signal reports I've gotten, as well as my impression from
listening to other people seem to indicate that the default EQ is the
most comfortable for day to day communication.

As to the switch on the back... try them both and see which you like.
Personally, I didn't notice enough of a difference to care either way.

On Tue, Aug 11, 2009 at 9:54 AM,
chajun.t21@btinternet.com<c.holloway1@...> wrote:
>
>
> Helo what mic eq setting do most users have using the supplied mic. Also the
> switch on the reverese of the mic which setting is for the Japanese voice?
> Tnx
> Chas
> GM4WIE
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27228. Re: [FT897] 4 Band Dipole setup

Yahoo group: FT897 (2009)
Date: 2009-08-13 04:18:22 UTC
From: Thomas Wilson
Topic: 27225 Message: 27228

If you look at the spotting networks, the most PSK31 action seems to
be on 20 and 30 meters. I've also made some contacts on 40, but 40
seems dead since around May or June. (I have no idea why that is...)

Personally, I'd go for the 75/40/20/10 bands.

You'll get pretty close on 30 meters and 12 meters - enough to be
productive on those bands with a tuner, and you should get 6 meters
and 15 meters for free.

If you want to work 160, look at building a compact antenna... you can
end-feed a

On Wed, Aug 12, 2009 at 8:13 AM, kd8lam<kd8lam@...> wrote:
>
>
> I am going to set up a 4 band dipole antenna for this new used rig using a
> Jetstream Dipole Kit. My question for all of you is what bands would you set
> the dipole up for.
>
> Specifically I am interested in learning CW this winter and getting into
> PSK31. PSK31 will require 20m and 40m.
>
> Any suggestions?
>
> 73
> KD8LAM
> Doug
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27229. Re: [FT897] Yaesu FT857/897 reliability

Yahoo group: FT897 (2009)
Date: 2009-08-13 09:38:00 UTC
From: DavidN
Topic: 27223 Message: 27229

I'd also like to know if the mods are still needed on this following page - the link for them is at the bottom (a pdf file and called *modification collection*):

http://www.rigpix.com/yaesu/ft897.htm

This pdf file is five years old now, so does anyone know if Yaesu have incorporated these mods into the latest model 897D?

David G4TUP.

On Thu, Aug 13, 2009 at 5:04 AM, Thomas Wilson <wilsontp@...> wrote:

>
>
> oh, there are still some bugs....
>
> 1. When your antenna is too close to the radio on CW, RF can blow out the
> keyer.
> 2. Switching channels while in "REV" (listening to the repeater input)
> will reset the current memory cell.
> 3. I found another bug involving manually entering a frequency while
> in MR mode. It also reset the current memory cell.
>
> That's just on my 897D... I'm sure other people have found other
> undocumented behaviors. :-)
>
>
> On Wed, Aug 12, 2009 at 1:04 PM, John Geiger<aa5jg@...<aa5jg%40yahoo.com>>
> wrote:
> >
> >
> > > Have the current crop of Yaesu FT897D and FT857D (within the last 2 years
> or
> > > so) had all of the problems worked out of them? I know some of the early
> > > models had problems with RF feedback changing the hidden menus, and an
> > > incorrect bias affecting 6m audio, things like that. Have these been
> fixed?
> > > Are there any other recurring problems showing up in these radios-or
> other
> > > things that affect the reliability of them?
> >
> > > 73s John AA5JG
> >
> >
>

> --
> Tom Wilson
> wilsontp@... <wilsontp%40gmail.com>
> (619)342-1391
> KI6ABZ
>
>

[Non-text portions of this message have been removed]

27230. Re: [FT897] Just purchased an FT 897D

Yahoo group: FT897 (2009)
Date: 2009-08-13 09:43:26 UTC
From: DavidN
Topic: 27224 Message: 27230

My first day yesterday with my new 897D and the reports I got on 2m FM and SSB and 6m SSB indicated that the switch on the back of the mic set to 2 was best. But I guess other voices may need a different setting. I guess on-air reports are the best way to find out....

David G4TUP.

On Tue, Aug 11, 2009 at 5:54 PM, chajun.t21@... <
c.holloway1@...> wrote:

>
>
> Helo what mic eq setting do most users have using the supplied mic. Also
> the switch on the reverese of the mic which setting is for the Japanese
> voice?
> Tnx
> Chas
> GM4WIE
>
>
>

[Non-text portions of this message have been removed]

27231. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-13 12:55:36 UTC
From: willgord
Topic: 27220 Message: 27231

I own an 897D and live on the 14th floor of a New York City apartment building. Considered many options for an antenna, since I have no balcony, no access to the roof and can't put anything outside my window.

I finally settled on a Super Antenna, which is a hand-tuned screwdriver antenna. I have it mounted inside the apartment with a counterpoise, cut quarter-wave for 20 meters hanging outside the window. Took forev er to tune the antenna but the results have exceeded my expectations. Since I made my first contact at the end of February, I have worked nearly 30 states and more than 40 foreign entities. Got a 5-7 from the island of Crete last night, 5-9s from England and Cuba and a 5-7 from Poland.

As for noise, you can reuce by playing with the IPO, DSP. As you get more used to life on HF, your ear will get filter at filtering out QSOs from the noise.

Bounce back with any questions.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "leekianbeng" <leekianbeng@...> wrote:
>
> Hi,
>
> I am a new HAM. I just obtained the following :
>
> 1) Yaesu FT-897D
> 2) MFJ 949E
> 3) MFJ 1622
>
> Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.
>
> The problem I am having is that I am getting a lot of noise. My S-meter level, if that is correct is always around S7 to S9.
>
> I just keep on hearing lots of noise and I can't seem the tune my antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
>
> I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.
>
> I am trying to get on 20m and 40m.
>
> I would appreciate any advise.
>
> Thanks :)
>

27232. Re: Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-08-13 13:04:54 UTC
From: cherokee_mule
Topic: 27050 Message: 27232

I wanted to provide a follow-up to my "AWFUL NOISY" Jeep Liberty post from a while back:

Last night I replaced my old, undersized battery and gave the radio a try. I am still receiving the same noise, and at the same intensity too.

My next step is to attach bonding straps from the hatch door to the hinge frame, from all four doors to the hinge frame, add a second bonding strap to the other edge of the trunk hood to the frame, and finally a strap from the tailpipe to the frame.

I will post back with the results whenever I find time to try this out...

Deion "Mule" Christopher

K0MUL

--- In FT897@yahoogroups.com, Graeme Martin <graeme52au@...> wrote:
>
> Gday Deion.
> I have a 2002 Jeep Liberty diesel (called a Cherokee Sport
> downunder) 4X4 also. I installed the 857 in it using the remote head. I
> also use the ATAS120-A. I have put a 40 mm aluminum box tube across the
> roof rails (towards the rear) and used the clips that clip on to the
> original cross bars to secure the box tube. I then ran three coax feeds
> into the "Liberty". One for local UHF cb, second on for duo-bander and
> the third one for HF. I have a tuning problem on the HF one but use the
> tune/up/down as I mainly use the mobile for psk31 on HF. I have put
> condensers (automotive capcitors) on my alternator, oil pressure sender
> and air conditioner compressor. Have a look at http://www.k0bg.com web
> site for Mobile Amateur Radio Operators in the bonding section, but then
> again the whole site is very informative. ope this helps
>
> Graeme VK4RD
>

27233. Re: [FT897] Re: Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:08:46 UTC
From: Charles Scott
Topic: 27050 Message: 27233

Deion:

Exactly what type of noise are you getting?

There is no point to trying to fix the noise problem until you know where it's coming from and how it's getting into the radio. That you tried replacing the battery indicates that it might be alternator or computer related noise on the 12V power, but you then talk about bonding straps for the doors, which might be related to radiated noise getting to the antenna.

What can you tell us about the nature of the noise? Do you get the noise with the antenna disconnected and the squelch open? Let's see if we can help you find the source. It may be easier to kill it there.

Chuck - N8DNX

cherokee_mule wrote:
> I wanted to provide a follow-up to my "AWFUL NOISY" Jeep Liberty post from a while back:
>
> Last night I replaced my old, undersized battery and gave the radio a try. I am still receiving the same noise, and at the same intensity too.
>
> My next step is to attach bonding straps from the hatch door to the hinge frame, from all four doors to the hinge frame, add a second bonding strap to the other edge of the trunk hood to the frame, and finally a strap from the tailpipe to the frame.
>
> I will post back with the results whenever I find time to try this out...
>
> Deion "Mule" Christopher
>
> K0MUL
>
>

27234. Re: 4 Band Dipole setup

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:20:25 UTC
From: tenorman1952
Topic: 27225 Message: 27234

--- In FT897@yahoogroups.com, "kd8lam" <kd8lam@...> wrote:
>
> I am going to set up a 4 band dipole antenna for this new used rig using a Jetstream Dipole Kit. My question for all of you is what bands would you set the dipole up for.
>
> Specifically I am interested in learning CW this winter and getting into PSK31. PSK31 will require 20m and 40m.
>
> Any suggestions?
>
> 73
> KD8LAM
> Doug

I did just this, but only have three sets of legs... with which I can work 75, 40, 20, 17, 15, 12, and 10 meters.

http://www.hamuniverse.com/ae5jumultibanddipole.html

17, 15, 12 meters require a tuner, but the LDG AT-897 easily tunes these bands. 10 meters, 2:1 SWR, if that is acceptable, no tuner. But the LDG tuner easily tunes all bands down to 1.1:1.

In this page at Hamuniverse you will see that I used a plexiglass center with SO-239. Recently the unprotected socket got some moisture (Louisiana, go figure) and I replace that entire center section with a Jetstream Dipole Insulator, with a spreader or backboard made from a piece of cheap plastic kitchen cutting board.

I'll add photos to my AE5JU folder in the Files section.

Paul
AE5JU

27235. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:22:40 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27235

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AE5JU/Jetstream Dipole Center/1 Jetstream Center.JPG
Uploaded by : tenorman1952 <tenorman1952@...>
Description : Jetstream Dipole Center for Multiband

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AE5JU/Jetstream%20Dipole%20Center/1%20Jetstream%20Center.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

tenorman1952 <tenorman1952@...>

27236. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:23:34 UTC
From: oldmayorkd5lbe
Topic: 27220 Message: 27236

I didn't see if you said you are running on reduced power or not. 100 watts in a small apartment would make me a more than a little nervous. I would reread the RF Safety part of the regulations.

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I own an 897D and live on the 14th floor of a New York City apartment building. Considered many options for an antenna, since I have no balcony, no access to the roof and can't put anything outside my window.
>
> I finally settled on a Super Antenna, which is a hand-tuned screwdriver antenna. I have it mounted inside the apartment with a counterpoise, cut quarter-wave for 20 meters hanging outside the window. Took forev er to tune the antenna but the results have exceeded my expectations. Since I made my first contact at the end of February, I have worked nearly 30 states and more than 40 foreign entities. Got a 5-7 from the island of Crete last night, 5-9s from England and Cuba and a 5-7 from Poland.
>
> As for noise, you can reuce by playing with the IPO, DSP. As you get more used to life on HF, your ear will get filter at filtering out QSOs from the noise.
>
> Bounce back with any questions.
>
> Gordon
> K2GLW
>
>
>
>
>
>
>
> --- In FT897@yahoogroups.com, "leekianbeng" <leekianbeng@> wrote:
> >
> > Hi,
> >
> > I am a new HAM. I just obtained the following :
> >
> > 1) Yaesu FT-897D
> > 2) MFJ 949E
> > 3) MFJ 1622
> >
> > Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.
> >
> > The problem I am having is that I am getting a lot of noise. My S-meter level, if that is correct is always around S7 to S9.
> >

> > I just keep on hearing lots of noise and I can't seem the tune my antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> >
> > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.
> >
> > I am trying to get on 20m and 40m.
> >
> > I would appreciate any advise.
> >
> > Thanks :)
> >
>

27237. Re: 4 Band Dipole setup

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:27:13 UTC
From: tenorman1952
Topic: 27225 Message: 27237

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> If you look at the spotting networks, the most PSK31 action seems to
> be on 20 and 30 meters. I've also made some contacts on 40, but 40
> seems dead since around May or June. (I have no idea why that is...)

Tom, I've recently made QSO's on 40 meters at night (just before dawn there) with Ireland and Scotland, about 04:30 UTC.

Paul

27238. Re: [FT897] Re: 4 Band Dipole setup

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:51:00 UTC
From: Thomas Wilson
Topic: 27225 Message: 27238

That's good to know. I can't use 20 meters, where most of the digital action is right now, and the last few times I tried to call CQ on 40 meters, I got nuttin'.

On Thu, Aug 13, 2009 at 7:27 AM, tenorman1952<tenorman1952@yahoo.com> wrote:
>
>
> --- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>>
>> If you look at the spotting networks, the most PSK31 action seems to
>> be on 20 and 30 meters. I've also made some contacts on 40, but 40
>> seems dead since around May or June. (I have no idea why that is...)
>
> Tom, I've recently made QSO's on 40 meters at night (just before dawn there)
> with Ireland and Scotland, about 04:30 UTC.
>
> Paul
>
>

--
Tom Wilson
wilsontp@...
(619)342-1391
KI6ABZ

27239. Re: [FT897] New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:55:51 UTC
From: Charles Scott
Topic: 27220 Message: 27239

leekianbeng:

Welcome to radio operations from an apartment! I've done this in the past and it can be a pain.

It's a given that there will be considerable noise sources in close proximity to your antenna and equipment. The best way to deal with that is to keep the antenna, as much as possible, away from the building and noise sources. This means not only the antenna itself, but also the counterpoise (ground side of the antenna) which is also very much part of the antenna. If you're using the building as the counterpoise, you may be picking up noise that has been induced into the building structure. The same would be true of cold-water pipes, and particularly of electrical grounds.

There's two things you can do about this.

One is to configure your counterpoise outside of the building, which I assume you are trying. This could be something like a light-weight wire running down a floor or two to a friend's apartment where it ends with an insulator to isolate it from the building. I'm sure there's other ways to do this as well, but the idea is to keep the entire antenna outside the building, counterpoise and all.

The second thing is to make sure you don't conduct noise out to your antenna via the transmission line or any other control line to your antenna. Your transmission line of necessity runs from inside the building where the noise levels are higher out to your antenna. As such it may very well get noise induced onto the outside of the line and that noise could then be coupled into the antenna and get back into your receiver input. The best way to stop that is to add chokes on the outside of your transmission line where it leaves the building and also where it connects to the antenna.

Of course it may very well be that there is just going to be noisy in the area where you live and you're not going to be able to avoid it. How far up the building are you? Are you well above street level and away from any other exposed power lines and such?

Another thought is if there are any other Hams in your building. I do know that in some high-rise apartment buildings the Hams got together to convince the owners to let them install a common Ham station at the top of the building and to put the antennas up there, which would be farther away from the noise and a better location generally. The general argument for this is that doing this avoids the potential for interference from the Hams back into other units in the building and it offers incentive for Hams to locate in the building. Might be worth

looking into.

Good luck!

Chuck - N8DNX

leekianbeng wrote:
> Hi,
>
> I am a new HAM. I just obtained the following :
>
> 1) Yaesu FT-897D
> 2) MFJ 949E
> 3) MFJ 1622
>
> Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.
>
> The problem I am having is that I am getting a lot of noise. My S-meter level, if that is correct is always around S7 to S9.
>
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> I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.
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> I am trying to get on 20m and 40m.
>
> I would appreciate any advise.
>
> Thanks :)
>
>
>

27240. Re: Yaesu FT857/897 reliability

Yahoo group: FT897 (2009)
Date: 2009-08-13 15:30:31 UTC
From: Rob - W1AEX
Topic: 27223 Message: 27240

John,

I have an FT-897D that was manufactured in 2004 and would have to say it has been extremely reliable. It exhibited incorrect bias settings and developed the runaway oscillation issue cased by loosening mainboard screws. Those were very easily resolved and it has been trouble-free since then.

One of the modifications that I have appreciated most is DG2IAQ's flickering squelch fix. I often use the 897D to scan the aircraft and marine bands and it is far more pleasant to listen to with smooth squelch operation. I am unaware of any changes by Yaesu in the squelch components, so if you experience the flickering squelch issue and find it to be annoying, you might want to consider doing that. It takes about 15 minutes.

It was suggested by at least one member here that the newer 857/897 units are using different PA devices in the HF/50 final due to the end of production of the 2SC5125 devices. It that is true, that may have resulted in a design change that could have corrected the wandering resting current issue. I have not encountered any 857/897 units or seen any schematics with anything other than the 2SC5125 output devices, so I can't comment on that.

At any rate. They are great rigs and generally trouble free. I won't be parting with mine any time soon!

73,

Rob W1AEX

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
> Have these been fixed? Are there any other recurring problems
> showing up in these radios-or other things that affect the
> reliability of them?
>
> 73s John AA5JG
>

27241. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-14 10:15:15 UTC
From: willgord
Topic: 27220 Message: 27241

Have tested RF with a field strength meter and not found anything worrisome. More to the point, the antenna and the rig are in different rooms, linked by around 60 feet of coax.

Have never tried to go above 100 watts but dont see any safety issues with my present set-up.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "oldmayorkd5lbe" <morriltonmayor@...> wrote:
>
> I didn't see if you said you are running on reduced power or not. 100 watts in a small apartment would make me a more than a little nervous. I would reread the RF Safety part of the regulations.
>
> --- In FT897@yahoogroups.com, "willgord" <willgord@> wrote:
> >
> > I own an 897D and live on the 14th floor of a New York City apartment building. Considered many options for an antenna, since I have no balcony, no access to the roof and can't put anything outside my window.
> >
> > I finally settled on a Super Antenna, which is a hand-tuned screwdriver antenna. I have it mounted inside the apartment with a counterpoise, cut quarter-wave for 20 meters hanging outside the window. Took forev er to tune the antenna but the results have exceeded my expectations. Since I made my first contact at the end of February, I have worked nearly 30 states and more than 40 foreign entities. Got a 5-7 from the island of Crete last night, 5-9s from England and Cuba and a 5-7 from Poland.
> >
> > As for noise, you can reuce by playing with the IPO, DSP. As you get more used to life on HF, your ear will get filter at filtering out QSOs from the noise.
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> > Bounce back with any questions.
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> > --- In FT897@yahoogroups.com, "leekianbeng" <leekianbeng@> wrote:
> > >
> > > Hi,
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> > > I am a new HAM. I just obtained the following :

> > >
> > > 1) Yaesu FT-897D
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> > > Thanks :)
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27242. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-14 11:32:52 UTC
From: Dr Mark Vaughan
Topic: 27220 Message: 27242

The question would be how is that field strength meter calibrated?

AND In the near field it's a pretty useless measurement.

MOD sites don't use the field strength guidelines, but watts/ meter cubed. Instruments made by firms like RAYHAM which are very expensive. We usually calibrate these by putting them into a strip line cell where we have a uniform volts/meter field strength that is easy to quantify. I won Raham meters, and calibrated isotropic field strength meters for RFI/EMC work.

Usually the best and recommended option for a ham is to use simple calculation methods, those these do not account for gain lobes on an antenna.

As to the health issues, I am aware of a hams using an indoor antennas on 50W that went blind doing so. He moved to a small apartment and shortly afterwards started suffering eyesight problems, his eyes appearing milk rather like cataract. Being an enthusiastic ham he discussed his radio activity with his doctor who managed to make the possible link. The ham stopped using the radio for 6 months and his eye site was then pretty much back to normal. This was a few years back, but since then I've heard similar issues with eyesight and skin problems. The worst seems to be working in close proximity to magnetic tuned loop antenna's.

Since you have them in two separate rooms some distance apart you are probably OK. As an example, I run a Carolina Windom along my garden, but the neighbours house also has an extension that is a few meters from the Windom. At 100watt his rear bedroom is safe, but at 400W into the antenna we start to hit 55 to 60 V/m which is on the high thresholds in a controlled environment, and well above the levels in uncontrolled public area environments of around 25V/m.

We've done other tests with ATAS antennas mounted on the bonnet of a car, or beside a rear window. These radiate little from the coil, but lots from the whip. Mounted on the rear edge of the bonnet, and the top of the steering wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to be potentially damaging passengers, many don't carry passengers in the back, but consider the family man with children in the back, best to keep such antennas up on the roof.

Hope that helps anyone else also concerned.

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: 14 August 2009 11:15
To: FT897@yahoogroups.com
Subject: [FT897] Re: New HAM needs assistance ... :)

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[Non-text portions of this message have been removed]

27243. Re: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-14 16:19:05 UTC
From: Gary Altig
Topic: 27220 Message: 27243

DE N7UVL,
A bit additional clarification to the below statement about
Field Strength Meters:
-Field Strength Meters, as used by most Hams are "relative".
Relative to orientation to the antenna; Relative to the distance
from the antenna; Relative to the SWR feed to the antenna;
Relative to the type of antenna; Relative to the power fed to
the antenna.
-While more sophisticated RF volt meters are/can be calibrated,
there are few uses to the "average" Ham for this type of calibrated
equipment. Using the antenna on a "calibrated" antenna field
specifically designed for antenna design work; and at a Ham Radio
"antenna shoot-out" are some. (Because those are controlled
conditions).
-As soon as you move the Field Strength Meter (or the antenna),
you no longer have the same relative reference point.
-That said, the Field Strength Meter does have its uses as long
as you keep all of the "relative" concepts in mind. And using it will
confirm you have more than just a "radiating dummy load".
Note: Navy Ships "run" an antenna radiation pattern range after
significant extensive shipyard changes to the external ships
structure on each antenna mounted onboard. A minimal
calibrated power is placed on each antenna on several
frequencies the antenna is designed for. Then the ship turns
in a circle at sea at a pre-designated point while the shore
calibration station prints a circle chart that will result in a
visual indication of each antenna and several of its capable
frequencies radiation patterns. The final result usually looks
like a Porcipine. Some manufacturers, such as Boeing, can do
the same thing with their aircraft./ga

----- Original Message -----
From: Dr Mark Vaughan<mailto:mark@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, August 14, 2009 4:32 AM
Subject: RE: [FT897] Re: New HAM needs assistance ... :)

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27244. Antenna separation

Yahoo group: FT897 (2009)
Date: 2009-08-14 17:51:46 UTC
From: Ken
Topic: 27244 Message: 27244

I know !!, but has anyone blown receiver inputs with hf/6 144 with antennas too close.
Balcony is 6x9 feet. Have j-pole and want to install my SGC237/loop.
10 watts on 2, but worry if I can run 100 ssb (30 digital) on hf with out trouble.

27245. Re: Using Rig In Jeep Liberty - Aweful Noisy

Yahoo group: FT897 (2009)
Date: 2009-08-14 18:54:51 UTC
From: cherokee_mule
Topic: 27050 Message: 27245

Thanks for the inquiry Scott. Below is the link to my original post, and I have included the actual text for your review:

---
http://groups.yahoo.com/group/FT897/message/27050

These past couple of weeks I have been working on installing my 897 in my Jeep Liberty Sport. The power leads run straight to the battery posts. The antenna is an ATAS-120. The mount is a K400. The radio is secured to the passenger seat. The antenna/mount is currently attached to the bottom lip of the rear hatch door.

On receive I pick up engine noise, and as I accellerate the noise becomes louder. I believe it is ignition noise because, 1) With the engine running I used a battery powered AM radio outside and in the rear of the Jeep with little noise, but received a lot of noise in the front seat area. 2) I pick up the same noise on the 897 in AM mode with antenna attached. 3) The 897 doesn't pick up any noise in AM mode when the engine is off. 4) There is no noise when the antenna is disconnected and the engine is on. 5) I connected the 897 directly to a second car battery, leaving the radio and antenna in/on the Jeep, and recived the same engine noise in AM mode while the engine was running.

Now for the weird results: 1) I first moved my antenna from the rear of the Jeep to the passenger side hood. A 45 minute drive into work resulted in little engine noise. The noise returned on the trip back home. 2) I used a 160W converter box, plugged into the cigarette lighter, to power the radio and received little noise on a 45 minute trip. After that the noise returned.

I am completely lost on what to do to eliminate the engine noise! Before starting this project I had to remove my 2meter radio and even had to clean the battery post due to the excessive corrosive buildup.

Could it be that my battery is not acting like a good capacitor and is needing replaced? Where do I go from here?

Thanks,

Deion "Mule" Christopher

K0MUL

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Deion:
>
> Exactly what type of noise are you getting?

>
> There is no point to trying to fix the noise problem until you know
> where it's coming from and how it's getting into the radio. That you
> tried replacing the battery indicates that it might be alternator or
> computer related noise on the 12V power, but you then talk about bonding
> straps for the doors, which might be related to radiated noise getting
> to the antenna.
>
> What can you tell us about the nature of the noise? Do you get the noise
> with the antenna disconnected and the squelch open? Let's see if we can
> help you find the source. It may be easier to kill it there.
>
> Chuck - N8DNX
>
>
> cherokee_mule wrote:
> > I wanted to provide a follow-up to my "AWFUL NOISY" Jeep Liberty post from a while back:
> >
> > Last night I replaced my old, undersized battery and gave the radio a try. I am still receiving the same noise, and at the same intensity too.
> >
> > My next step is to attach bonding straps from the hatch door to the hinge frame, from all four doors to the hinge frame, add a second bonding strap to the other edge of the trunk hood to the frame, and finally a strap from the tailpipe to the frame.
> >
> > I will post back with the results whenever I find time to try this out...
> >
> > Deion "Mule" Christopher
> >
> > K0MUL
> >
> >
>

27246. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-14 22:18:33 UTC
From: willgord
Topic: 27220 Message: 27246

I feel called upon to make two points.

I don't profess to be technically proficient, but I honestly was unable to make sense out of anything in your posting. My problem entirely, but if you want to rephrase it so I can understand what you are saying about field strength meters, I would truly appreciate it.

Not a doctor either, but did ask a doctor friend and he says he knows of no case where cataracts cured themselves without surgery. It is possible to clear up post-operative cloudiness without invasive surgery, but he assures me there is no such thing as spontaneous remission of cataracts.

Thanks for the response.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "Dr Mark Vaughan" <mark@...> wrote:
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> AND In the near field it's a pretty useless measurement.
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> willgord
> Sent: 14 August 2009 11:15
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: New HAM needs assistance ... :)
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> "leekianbeng" <leekianbeng@> wrote:

> > > >
> > > > Hi,
> > > >
> > > > I am a new HAM. I just obtained the following :
> > > >
> > > > 1) Yaesu FT-897D
> > > > 2) MFJ 949E
> > > > 3) MFJ 1622
> > > >
> > > > Well, I live in a high-rise apartment, therefore I purchased the MFJ
> 1622.
> > > >
> > > > The problem I am having is that I am getting a lot of noise. My
> S-meter level, if that is correct is always around S7 to S9.
> > > >
> > > > I just keep on hearing lots of noise and I can't seem the tune my
> antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > >
> > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
> seem to help much.
> > > >
> > > > I am trying to get on 20m and 40m.
> > > >
> > > > I would appreciate any advise.
> > > >
> > > > Thanks :)
> > > >
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27247. Yaesu FT857/897 on satellites

Yahoo group: FT897 (2009)
Date: 2009-08-13 03:57:05 UTC
From: John Geiger
Topic: 27247 Message: 27247

Is anyone on the list using a Yaesu FT897 or FT857 on the LEO satellites (both FM and SSB)? I am currently using an Icom 706MKIIG with pretty good results, but have been thinking about "upgrading" to a Yaesu FT897D or maybe a FT857D. I have used some Yaesu rigs on the sats before and the 706MKIIG seems to hear them better, especially AO27.

I don't have a big setup-Cushcraft dualband yagi (5 elements on each band) with no elevation, so signals are not rockcrushing from the satellites. The QST reviews show that the Icom has better sensitivity on 70cm SSB (MDS of -143 vs -139 dbm) and on FM (.16 vs .21 microvolts) but are those differences really meaningful? Do the 897 and 857 still receive the sats really good with a minimal setup?

73s John AA5JG

27248. locked up!

Yahoo group: FT897 (2009)
Date: 2009-08-13 19:10:11 UTC
From: billythebootlegger
Topic: 27248 Message: 27248

Hi Guys

Has anyone got any idea on how I can unlock the mode and band switching on the front panel.
Turned the radio on today and its gone a bit cranky!
even after full reset mode and band switching no operational.
And it's not the front panel lock or in the menu......
Any ideas???

Many tnx Billy 2E0ZWW

27249. Re: [FT897] No power on?????????????

Yahoo group: FT897 (2009)
Date: 2009-08-13 23:25:58 UTC
From: Alan Bowring
Topic: 27221 Message: 27249

Hi Fred,
31 volts sounds pretty scary - the potential to do a lot of damage. If you are into opening up your set, here is the first place to look. Look at the PA Unit Circuit diagram, Page 59 in the Technical Supplement Manual. On the left of the diagram you see that external DC enters on the PA Unit board via a filter "T3001" and gets to the Power Switch Relay "RL3001" via a diode "D3005". This diode is labeled as "HV Protect", presumably protecting against a situation where the supplied voltage goes high. Check the electrical function of that diode with your meter as a starting point. I would be suspecting it my be open circuit. Check also the continuity of the relay RL3001 actuating coils and the function of Q3007 which is the transitor that actuates the relay coil. Q3004 - the 5V regulator could be checked at the same time. Also D3004 across the relay coil, although its voltage rating is probably high enough that it wouldn,t be affected. There are some electrolytics as you see in the diagram of about 16V rating that should be checked also in case they have been stressed. If this is more than you can handle or doesn't produce conclusive results, then its off to the repair shop.

Regards
Alan
ZL2AEB

----- Original Message -----
From: fdrowlands
To: FT897@yahoogroups.com
Sent: 13 August, 2009 5:08 AM
Subject: [FT897] No power on?????????????

Radio wont switch on after power supply going overvotage! about 31 volts went up the power cable! no bangs or smoke but no switch on either! tried it on another PSU that's ok power to the radios board! but radio is dead! any ideas what damage i may have done? is there a simple cure ect??? ie onboard fuse/jumper protection!
Many Thanks
Fred

[Non-text portions of this message have been removed]

27250. Yaseu FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-08-13 17:25:55 UTC
From: charles68252
Topic: 27250 Message: 27250

hi all i have got my self a Yaseu FC-30 Tuner .But i seem not to be abel to tune any thing at all .Ihave tried to tune a long wire and whips but no joy .I have not tried it as a mobil set up has any one had any experience with the tuner
thanks charlie

27251. Locked Up

Yahoo group: FT897 (2009)
Date: 2009-08-13 19:21:10 UTC
From: billythebootlegger
Topic: 27251 Message: 27251

Forgot to say no TX either!!!

73 Billy 2E0ZWW

27252. Introductions

Yahoo group: FT897 (2009)
Date: 2009-08-14 03:55:43 UTC
From: finnigann2580
Topic: 27252 Message: 27252

Hi group,

My name is Jim King. I have had this here Yaesu radio for a couple of years and I'm still learning about it, something new almost every week. I use either a LDG Z-11 tuner or a MFJ 941E. I have a 2m magmount atop a home made tower. When I get out and about, I use a G5RV. with a 4:1/1:1 balun. Most of the time I setup in my popup trailer when I can go camping. On the car I have the ATAS 120.

My two favorite hobbys.

I came to this group to learn more about my radio and to meet a few new folks.

Thanks for listening.

73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27253. Re: [FT897] New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-13 21:57:56 UTC
From: Alan Bowring
Topic: 27220 Message: 27253

Hi,
I think you are going to be stuck with this hash/ interference and as you have already had suggested - investigate options of moving the antenna further away from building and use the transceivers noise filtering options to their max. I will just share of my own home experience. If you look at picture of my Carolina Windon on QRZ.com (ZL2AEB), the left side passes over top of the house roof where TV and freeview Satellite receiver are located inside. Satellite Receiver gave much hash that was only eliminated by additional power line filters inside its casing and the fitting of a 3 core power cable earthing its casing in replacement of its 2 core cable. An outdoor A/C unit also in that area produced varying levels of noise depending on its cycle. Opening its casing and fitting a handful of ferrite rings to various cables got rid of a lot of noise, but disconnecting the cable between outdoor and indoor unit and wrapping that in tin foil which was earthed to the outdoor metal frame and then driving an earth peg right by the outdoor unit was needed to deal to the last of the noise.
A computer tower case also produced a lot of noise - replacement of its power supply, although not faulty eliminated that noise. Computer screens were the another so I got rid of 2 CRT screens and replaced them with LCD and not using their switch mode power supplies, made up linear power supplies for them. Power saver light bulbs was another, they become faulty but still go and produce a very broad range hash. Also a computer scanner power supply had gone faulty - still working but producing hash.
The point of all this - all of these types of equipment are present many times over in a high rise apartment building and so you are probably fighting a loosing battle to try to trace let alone change any of it to eliminate the noise. Another one I am told is the Plasma TVs that produce a lot of noise. I haven't had experience with those but you may well have them near by as well. As stated work on getting your antenna as far away from the noise sources as you possibly can, then use all your noise filtering options.

Regards
Alan
ZL2AEB

----- Original Message -----
From: leekianbeng
To: FT897@yahoogroups.com
Sent: 12 August, 2009 1:36 AM
Subject: [FT897] New HAM needs assistance ... :)

Hi,

I am a new HAM. I just obtained the following :

1) Yaesu FT-897D
2) MFJ 949E
3) MFJ 1622

Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.

The problem I am having is that I am getting a lot of noise. My S-meter level, if that is correct is always around S7 to S9.

I just keep on hearing lots of noise and I can't seem the tune my antenna down to a SWR of less than 2:1. I am just getting 2.5:1.

I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.

I am trying to get on 20m and 40m.

I would appreciate any advise.

Thanks :)

[Non-text portions of this message have been removed]

27254. ft-897 and fc 30

Yahoo group: FT897 (2009)
Date: 2009-08-14 15:17:26 UTC
From: charles68252
Topic: 27254 Message: 27254

hi can any one help .i have a fc-30 and it seem not to want to tune any thing .Ihave done all the setings as per manual
and done a reset and its still the same the relays all click when i press the tune button but just get high swr
thanks charlie

27255. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 04:11:01 UTC
From: leekianbeng
Topic: 27220 Message: 27255

Hi Guys,

Thanks for all the responses.

I am going to try out all the filtering functions available on the FT-897D and see if I can get any better results :) ...

Eh.. that portion on the RF causing possible medical problems is sort of freaking me out. Is anyone able to provide more information on it ?

I know the default setting for RF output is 100W. I have tuned it down to 30W for setup purposes.

Is that alright ?

Andrew - 9V1PP

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> I feel called upon to make two points.
>
> I don't profess to be technically proficient, but I honestly was unable to make sense out of anything in your posting. My problem entirely, but if you want to rephrase it so I can understand what you are saying about field strength meters, I would truly appreciate it.
>
> Not a doctor either, but did ask a doctor friend and he says he knows of no case where cataracts cured themselves without surgery. It is possible to clear up post-operative cloudiness without invasive surgery, but he assures me there is no such thing as spontaneous remission of cataracts.
>
> Thanks for the response.
>
> Gordon
> K2GLW
>
>
>
> --- In FT897@yahoogroups.com, "Dr Mark Vaughan" <mark@> wrote:
> >
> > The question would be how is that field strength meter calibrated?
> >
> > AND In the near field it's a pretty useless measurement.
> >
> >
> >
> > MOD sites don't use the field strength guidelines, but watts/ meter cubed.
> > Instruments made by firms like RAYHAM which are very expensive. We usually

> > calibrate these by putting them into a strip line cell where we have a
> > uniform volts/meter field strength that is easy to quantify. I won Raham
> > meters, and calibrated isotropic field strength meters for RFI/EMC work.
> >
> >
> >
> > Usually the best and recommended option for a ham is to use simple
> > calculation methods, those these do not account for gain lobes on an
> > antenna.
> >
> >
> >
> > As to the health issues, I am aware of a hams using an indoor antennas on
> > 50W that went blind doing so. He moved to a small apartment and shortly
> > afterwards started suffering eyesight problems, his eyes appearing milk
> > rather like cataract. Being an enthusiastic ham he discussed his radio
> > activity with his doctor who managed to make the possible link. The ham
> > stopped using the radio for 6 months and his eye site was then pretty much
> > back to normal. This was a few years back, but since then I've heard similar
> > issues with eyesight and skin problems. The worst seems to be working in
> > close proximity to magnetic tuned loop antenna's.
> >
> >
> >
> > Since you have them in two separate rooms some distance apart you are
> > probably OK. As an example, I run a Carolina Windom along my garden, but the
> > neighbours house also has an extension that is a few meters from the Windom.
> > At 100watt his rear bedroom is safe, but at 400W into the antenna we start
> > to hit 55 to 60 V/m which is on the high thresholds in a controlled
> > environment, and well above the levels in uncontrolled public area
> > environments of around 25V/m.
> >
> > We've done other tests with ATAS antennas mounted on the bonnet of a car, or
> > beside a rear window. These radiate little from the coil, but lots from the
> > whip. Mounted on the rear edge of the bonnet, and the top of the steering
> > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to be
> > potentially damaging passengers, many don't carry passengers in the back,
> > but consider the family man with children in the back, best to keep such
> > antennas up on the roof.
> >
> >
> >
> > Hope that helps anyone else also concerned.
> >
> >
> >
> > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
> >
> > Managing Director
> >

> > Vaughan Industries Ltd., reg in UK no 2561068
> >
> > Water Care Technology Ltd, reg in UK no 4129351
> >
> > Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
> >
> > Phone/Fax 44 (0) 1872 561288
> >
> > RSGB DRM111 (Cornwall)
> >
> >
> >
> > From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> > willgord
> > Sent: 14 August 2009 11:15
> > To: FT897@yahoogroups.com
> > Subject: [FT897] Re: New HAM needs assistance ... :)
> >
> >
> >
> >
> >
> > Have tested RF with a field strength meter and not found anything worrisome.
> > More to the point, the antenna and the rig are in different rooms, linked by
> > around 60 feet of coax.
> >
> > Have never tried to go above 100 watts but dont see any safety issues with
> > my present set-up.
> >
> > Gordon
> > K2GLW
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> ,
> > "oldmayorkd5lbe" <morriltonmayor@> wrote:
> > >
> > > I didn't see if you said you are running on reduced power or not. 100
> > watts in a small apartment would make me a more than a little nervous. I
> > would reread the RF Safety part of the regulations.
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "willgord"
> > <willgord@> wrote:
> > > >
> > > > I own an 897D and live on the 14th floor of a New York City apartment
> > building. Considered many options for an antenna, since I have no balcony,
> > no access to the roof and can't put anything outside my window.
> > > >
> > > > I finally settled on a Super Antenna, which is a hand-tuned screwdriver
> > antenna. I have it mounted inside the apartment with a counterpoise, cut
> > quarter-wave for 20 meters hanging outside the window. Took forev er to tune
> > the antenna but the results have exceeded my expectations. Since I made my

> > first contact at the end of February, I have worked nearly 30 states and
> > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > >
> > > > As for noise, you can reuce by playing with the IPO, DSP. As you get
> > more used to life on HF, your ear will get filter at filtering out QSOs from
> > the noise.
> > > >
> > > > Bounce back with any questions.
> > > >
> > > > Gordon
> > > > K2GLW
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> ,
> > "leekianbeng" <leekianbeng@> wrote:
> > > > >
> > > > > Hi,
> > > > >
> > > > > I am a new HAM. I just obtained the following :
> > > > >
> > > > > 1) Yaesu FT-897D
> > > > > 2) MFJ 949E
> > > > > 3) MFJ 1622
> > > > >
> > > > > Well, I live in a high-rise apartment, therefore I purchased the MFJ
> > 1622.
> > > > >
> > > > > The problem I am having is that I am getting a lot of noise. My
> > S-meter level, if that is correct is always around S7 to S9.
> > > > >
> > > > > I just keep on hearing lots of noise and I can't seem the tune my
> > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > >
> > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
> > seem to help much.
> > > > >
> > > > > I am trying to get on 20m and 40m.
> > > > >
> > > > > I would appreciate any advise.
> > > > >
> > > > > Thanks :)
> > > > >
> > > >
> > > >
> > >
> >

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

27256. VFO/Mem ch - Hard to press

Yahoo group: FT897 (2009)
Date: 2009-08-14 13:54:58 UTC
From: finnigann2580
Topic: 27256 Message: 27256

According to the manual, the VFO/Mem ch knob/button is to be pressed to activate certain functions. I am having a difficult time getting the button pressed hard enough.

Sometimes it helps to press at an angle, sometimes not. I can press very hard and get mixed results. Sometimes pressing for a long time will do it, and sometimes not.

Does this sound familar? What can I do about it? I have written to Yaesu but have not heard back yet (about a week at this time).

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27257. Re: [FT897] Re: separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-13 11:27:05 UTC
From: Alan Bowring
Topic: 27188 Message: 27257

Hi Mike,

I have just been looking at the FT897 circuits to check the feasability of what you want to do. You can search for and download the FT-897 Technical Supplement for yourself if you like. Page 59 shows the PA Unit circuit where changes would have to be made. There are in fact 14 relays that work in pairs for the different bands that are covered. There are no coax cables you can simply unplug - this will be all printed circuit lines to and from the relays. To do what you propose would involve major surgery and alteration on the PA Unit board and and include the designing of additional matching circuits to match the coax to the points where it would have to be grafted in. This would be serious Experienced Radio Electronic Designer/Technician stuff. Not easy feasable or cost effective for someone without that experience. You are well advised to acheive what you want by the use of equipment external to the transceiver.

Regards
Alan
ZL2AEB
----- Original Message -----
From: Michael Walker (VA3MW)
To: FT897@yahoogroups.com
Sent: 12 August, 2009 3:26 PM
Subject: RE: [FT897] Re: separating RX/TX lines for 2m ?

I imagine, without opening my unit, that there are unique RF cable that go
from both the receiver and the transmitter to a T/R relay somewhere. I
would just pull the receiver one off and add an external connector.

Mike

From: Erwin Witt [mailto:wini.witt@...]
Sent: Tuesday, August 11, 2009 11:07
To: FT897@yahoogroups.com
Subject: [FT897] Re: separating RX/TX lines for 2m ?

Hi Mike,
of course I use right now a sequencer and a Preamp with coax relays.
I'm asking for a mode separating TRX lines because of using a low noise LNA
without switching relays.Therefore separating lines is needed.

73's Erwin/DK5EW

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Michael
Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Erwin
>
>

>
> There are many preamps that are available that will switch out of line.
>
>
>
> Most people who do EME/MS will add a PTT sequencer that turns off the
preamp
> before turning on the power amp, etc.
>
>
>
> Mike VA3MW
>
>
>
> From: Erwin Witt [mailto:wini.witt@...]
> Sent: Friday, August 07, 2009 6:12 AM
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] separating RX/TX lines for 2m ?
>
>
>
>
>
> Hi all,
> did anyone the mod separating the RX/TX lines for 2m ?
> Or does anybody know how to do or at all if it is possible ?
> Would be very useful for EME/MS using a HEMT FET preamp.
> 73's Erwin/DK5EW
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27258. Re: [FT897] No power on?????????????

Yahoo group: FT897 (2009)
Date: 2009-08-14 00:48:56 UTC
From: Alan Bowring
Topic: 27221 Message: 27258

Hi again Fred,
a couple of points I missed to check which are the HV Protect - D3006 a zener diode, to make sure in particular that it is not short circuited and Q3010 to make sure in particular that it is not shorted C-E. Any one of those will prevent the rig working.
Out of curiosity, what was the power supply that you were using that went high voltage?

Regards
Alan
ZL2AEB

----- Original Message -----
From: fdrowlands
To: FT897@yahoogroups.com
Sent: 13 August, 2009 5:08 AM
Subject: [FT897] No power on?????????????

Radio wont switch on after power supply going overvotage! about 31 volts went up the power cable! no bangs or smoke but no switch on either! tried it on another PSU that's ok power to the radios board! but radio is dead! any ideas what damage i may have done? is there a simple cure ect??? ie onboard fuse/jumper protection!
Many Thanks
Fred

[Non-text portions of this message have been removed]

27259. LOCKED UP FT 897D HELP NEEDED

Yahoo group: FT897 (2009)
Date: 2009-08-14 13:32:02 UTC
From: billythebootlegger
Topic: 27259 Message: 27259

Hi Guys

A strange thing has happened to my 897, I turned it on yesterday and noticed a change right away, the screen colour had changed. Not such a great problem, but on closer inspection I have no band, or mode operation on the panel, and worse still no TX!
I still have RX and vfo control via the main tuning dial.
I have done every possible reset as directed by the distructions and the net but no change!

As i run digital 99% of the time I thought there might have been a bad instruction sent via cat, resulting in the lock up.
I have removed all conections to the radio back panel.
Even under full reset this has had no effect.

I am now just scratching my head, so if anyone has any ideas.....

Many tnx Billy 2E0ZWW

27260. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 04:08:05 UTC
From: leekianbeng
Topic: 27220 Message: 27260

Hi,

Thanks for all the replies ... I am going to try this weekend to sort this out. I am living on 8th floor and I am trying to setup my equipment in another room away from my computer and TV, as far as I can. I hope that helps.

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> leekianbeng:
>
> Welcome to radio operations from an apartment! I've done this in the
> past and it can be a pain.
>
> It's a given that there will be considerable noise sources in close
> proximity to your antenna and equipment. The best way to deal with that
> is to keep the antenna, as much as possible, away from the building and
> noise sources. This means not only the antenna itself, but also the
> counterpoise (ground side of the antenna) which is also very much part
> of the antenna. If you're using the building as the counterpoise, you
> may be picking up noise that has been induced into the building
> structure. The same would be true of cold-water pipes, and particularly
> of electrical grounds.
>
> There's two things you can do about this.
>
> One is to configure your counterpoise outside of the building, which I
> assume you are trying. This could be something like a light-weight wire
> running down a floor or two to a friend's apartment where it ends with
> an insulator to isolate it from the building. I'm sure there's other
> ways to do this as well, but the idea is to keep the entire antenna
> outside the building, counterpoise and all.
>
> The second thing is to make sure you don't conduct noise out to your
> antenna via the transmission line or any other control line to your
> antenna. Your transmission line of necessity runs from inside the
> building where the noise levels are higher out to your antenna. As such
> it may very well get noise induced onto the outside of the line and that
> noise could then be coupled into the antenna and get back into your
> receiver input. The best way to stop that is to add chokes on the
> outside of your transmission line where it leaves the building and also
> where it connects to the antenna.
>
> Of course it may very well be that there is just going to be noisy in
> the area where you live and you're not going to be able to avoid it. How
> far up the building are you? Are you well above street level and away

> from any other exposed power lines and such?
>
> Another thought is if there are any other Hams in your building. I do
> know that in some high-rise apartment buildings the Hams got together to
> convince the owners to let them install a common Ham station at the top
> of the building and to put the antennas up there, which would be farther
> away from the noise and a better location generally. The general
> argument for this is that doing this avoids the potential for
> interference from the Hams back into other units in the building and it
> offers incentive for Hams to locate in the building. Might be worth
> looking into.
>
> Good luck!
>
> Chuck - N8DNX
>
>
>
> leekianbeng wrote:
> > Hi,
> >
> > I am a new HAM. I just obtained the following :
> >
> > 1) Yaesu FT-897D
> > 2) MFJ 949E
> > 3) MFJ 1622
> >
> > Well, I live in a high-rise apartment, therefore I purchased the MFJ 1622.
> >
> > The problem I am having is that I am getting a lot of noise. My S-meter level, if that
is correct is always around S7 to S9.
> >
> > I just keep on hearing lots of noise and I can't seem the tune my antenna down to a SWR
of less than 2:1. I am just getting 2.5:1.
> >
> > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't seem to help much.
> >
> > I am trying to get on 20m and 40m.
> >
> > I would appreciate any advise.
> >
> > Thanks :)
> >
> >
> >
>

27261. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-14 17:58:30 UTC
From: Bill Currier
Topic: 27220 Message: 27261

Thank you for this. Question: just how much attenuation does roof mounting provide? Can you give some perspective on this?

Bill
WC1i

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dr Mark Vaughan
Sent: Friday, August 14, 2009 7:33 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: New HAM needs assistance ... :)

We've done other tests with ATAS antennas mounted on the bonnet of a car, or beside a rear window. These radiate little from the coil, but lots from the whip. Mounted on the rear edge of the bonnet, and the top of the steering wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to be potentially damaging passengers, many don't carry passengers in the back, but consider the family man with children in the back, best to keep such antennas up on the roof.

27262. Re: [FT897] locked up!

Yahoo group: FT897 (2009)
Date: 2009-08-15 04:59:53 UTC
From: Thomas Wilson
Topic: 27248 Message: 27262

unplug your CW key and your mic, maybe one of them is stuck.

On Thu, Aug 13, 2009 at 11:10 AM, billythebootlegger<billy@...> wrote:
>
>
> Hi Guys
>
> Has anyone got any idea on how I can unlock the mode and band switching on
> the front panel.
> Turned the radio on today and its gone a bit cranky!
> even after full reset mode and band switching no operational.
> And it's not the front panel lock or in the menu......
> Any ideas???
>
> Many tnx Billy 2E0ZWW
>
>

--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27263. Re: [FT897] Yaesu FT857/897 on satellites

Yahoo group: FT897 (2009)
Date: 2009-08-15 05:23:37 UTC
From: Marc DAVID
Topic: 27247 Message: 27263

73

I used FT-897D for satellite. No preamplifier. No amplifier
AO-51 is correctly received signal 40/52 with my station.
I used VHF and UHF 9 elements beam vertical position with az/elev
rotator G-5500.
The software HamRadioDeluxe drives the transceivers.

73 Marc, F1RHX

John Geiger a écrit :
>
>
> Is anyone on the list using a Yaesu FT897 or FT857 on the LEO
> satellites (both FM and SSB)? I am currently using an Icom 706MKIIG
> with pretty good results, but have been thinking about "upgrading" to
> a Yaesu FT897D or maybe a FT857D. I have used some Yaesu rigs on the
> sats before and the 706MKIIG seems to hear them better, especially AO27.
>
> I don't have a big setup-Cushcraft dualband yagi (5 elements on each
> band) with no elevation, so signals are not rockcrushing from the
> satellites. The QST reviews show that the Icom has better sensitivity
> on 70cm SSB (MDS of -143 vs -139 dbm) and on FM (.16 vs .21
> microvolts) but are those differences really meaningful? Do the 897
> and 857 still receive the sats really good with a minimal setup?
>
> 73s John AA5JG
>
>

[Non-text portions of this message have been removed]

27264. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 05:58:01 UTC
From: D. F.
Topic: 27220 Message: 27264

One thing that I see most have overlooked or failed to mention. You live in an area where the electric draw is VERY HIGH. Not to mention that I would figure there is some "industrial" type power consumption nearby as well (office bldg, shops, shopping center/strip mall maybe). These WILL produce a HIGH level of noise/interference that you will NOT be able to get rid of, unfortunately. Try the filtering, etc., but do not be too disappointed if you can't get but a little result.

But still, good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of leekianbeng
Sent: Friday, August 14, 2009 23:08
To: FT897@yahoogroups.com
Subject: [FT897] Re: New HAM needs assistance ... :)

Hi,

Thanks for all the replies ... I am going to try this weekend to sort this out. I am living on 8th floor and I am trying to setup my equipment in another room away from my computer and TV, as far as I can. I hope that helps.

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, Charles Scott <cscott@...> wrote:
>
> leekianbeng:
>
> Welcome to radio operations from an apartment! I've done this in the
> past and it can be a pain.
>
> It's a given that there will be considerable noise sources in close
> proximity to your antenna and equipment. The best way to deal with that
> is to keep the antenna, as much as possible, away from the building and
> noise sources. This means not only the antenna itself, but also the
> counterpoise (ground side of the antenna) which is also very much part

> of the antenna. If you're using the building as the counterpoise, you
> may be picking up noise that has been induced into the building
> structure. The same would be true of cold-water pipes, and particularly
> of electrical grounds.

>
> There's two things you can do about this.
>
> One is to configure your counterpoise outside of the building, which I

> assume you are trying. This could be something like a light-weight
wire
> running down a floor or two to a friend's apartment where it ends with

> an insulator to isolate it from the building. I'm sure there's other
> ways to do this as well, but the idea is to keep the entire antenna
> outside the building, counterpoise and all.
>
> The second thing is to make sure you don't conduct noise out to your
> antenna via the transmission line or any other control line to your
> antenna. Your transmission line of necessity runs from inside the
> building where the noise levels are higher out to your antenna. As
such
> it may very well get noise induced onto the outside of the line and
that
> noise could then be coupled into the antenna and get back into your
> receiver input. The best way to stop that is to add chokes on the
> outside of your transmission line where it leaves the building and
also
> where it connects to the antenna.
>
> Of course it may very well be that there is just going to be noisy in
> the area where you live and you're not going to be able to avoid it.
How
> far up the building are you? Are you well above street level and away
> from any other exposed power lines and such?
>
> Another thought is if there are any other Hams in your building. I do
> know that in some high-rise apartment buildings the Hams got together
to
> convince the owners to let them install a common Ham station at the
top
> of the building and to put the antennas up there, which would be
farther
> away from the noise and a better location generally. The general
> argument for this is that doing this avoids the potential for
> interference from the Hams back into other units in the building and
it
> offers incentive for Hams to locate in the building. Might be worth
> looking into.
>
> Good luck!
>
> Chuck - N8DNX
>
>

>
> leekianbeng wrote:
> > Hi,
> >
> > I am a new HAM. I just obtained the following :
> >
> > 1) Yaesu FT-897D
> > 2) MFJ 949E
> > 3) MFJ 1622
> >
> > Well, I live in a high-rise apartment, therefore I purchased the MFJ
1622.
> >
> > The problem I am having is that I am getting a lot of noise. My
S-meter level, if that is correct is always around S7 to S9.
> >
> > I just keep on hearing lots of noise and I can't seem the tune my
antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> >
> > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
seem to help much.
> >
> > I am trying to get on 20m and 40m.
> >
> > I would appreciate any advise.
> >
> > Thanks :)
> >
> >
> >
>

[Non-text portions of this message have been removed]

27265. RE: [FT897] Locked Up

Yahoo group: FT897 (2009)
Date: 2009-08-15 07:52:11 UTC
From: Jim Henry
Topic: 27251 Message: 27265

If you have a morse key inserted, remove it and try again. TURN RIG OFF FIRST VERW REMOVING KEY!

73 de Jim, GI0DVU

Lisburn, County Antrim

http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of billythebootlegger
Sent: 13 August 2009 20:21
To: FT897@yahoogroups.com
Subject: [FT897] Locked Up

Forgot to say no TX either!!!

73 Billy 2E0ZWW

[Non-text portions of this message have been removed]

27266. FW: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 09:00:48 UTC
From: Dr Mark Vaughan
Topic: 27266 Message: 27266

OK will try to keep it simple.

When measuring field strengths, you get good stable readings if you are a good distance away from the antenna - outside the near field.

Your antenna radiates a signal as you know, this produces a magnetic field, and an electrical field, we call them H and E fields, both of which can cause harm. There is a relationship between these two which is based on the impedance of the space, which is not constant and varies for each close to the antenna, so close to the antenna it is highly unpredictable, or very complicated to predict. If you measure a low E field, the H field could be massive or vice versa. So a simple measurement of the E field in v/m could be misleading, this being why commercial measurements close to the antenna measure the power per meter cubed. (Note this is a simple analogy and not quite correct)

When you get out of the 'near field' into 'free space' things stabilize and the impedance of free space becomes virtually a constant, so an E field measurement is useable. We usually consider we are in the near field if we are closer than one wavelength from the antenna, if you're on 160m, that's well outside your house at least well outside most people's houses.

This also becomes relevant when hams moan a piece of electrical kit is causing them interference and shouldn't be allowed on the market. Simple EMC legal requirements need measurements to be taken above about 50MHz, but not below because below ones laboratory has to be massive to get out of the near field where simple useable measurements can be made.

Now to the cataract bit, an my PhD isn't medical, it's comms. The condition we found with a local ham was NOT cataract, you are correct here, it does not cure itself, but the eyes looked milky like cataract. I did not have the opportunity to examine the ham with the problem, the milky eye, we assume the condition was tissue damage to the conjunctiva rather than cataract which occurs on the lens, others that did know him at the time say it wasn't just the lens that was milky, but the whole front of the eye. I am not qualified to say really, just observe and relate for others to conclude. It started when he used his radio close to his antenna, and went away after about 6 months when he stopped using the radio, cataract won't do that so it's some other condition. The point is though that I'd rather not have any one else suffering from it.

I hope that helps.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: 14 August 2009 23:19
To: FT897@yahoogroups.com
Subject: [FT897] Re: New HAM needs assistance ... :)

I feel called upon to make two points.

I don't profess to be technically proficient, but I honestly was unable to make sense out of anything in your posting. My problem entirely, but if you want to rephrase it so I can understand what you are saying about field strength meters, I would truly appreciate it.

Not a doctor either, but did ask a doctor friend and he says he knows of no case where cataracts cured themselves without surgery. It is possible to clear up post-operative cloudiness without invasive surgery, but he assures me there is no such thing as spontaneous remission of cataracts.

Thanks for the response.

Gordon
K2GLW

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dr Mark Vaughan" <mark@...> wrote:
>
> The question would be how is that field strength meter calibrated?
>
> AND In the near field it's a pretty useless measurement.
>
>
>
> MOD sites don't use the field strength guidelines, but watts/ meter cubed.
> Instruments made by firms like RAYHAM which are very expensive. We usually
> calibrate these by putting them into a strip line cell where we have a
> uniform volts/meter field strength that is easy to quantify. I won Raham
> meters, and calibrated isotropic field strength meters for RFI/EMC work.
>
>
>
> Usually the best and recommended option for a ham is to use simple
> calculation methods, those these do not account for gain lobes on an

> antenna.
>
>
>
> As to the health issues, I am aware of a hams using an indoor antennas on
> 50W that went blind doing so. He moved to a small apartment and shortly
> afterwards started suffering eyesight problems, his eyes appearing milk
> rather like cataract. Being an enthusiastic ham he discussed his radio
> activity with his doctor who managed to make the possible link. The ham
> stopped using the radio for 6 months and his eye site was then pretty much
> back to normal. This was a few years back, but since then I've heard
similar
> issues with eyesight and skin problems. The worst seems to be working in
> close proximity to magnetic tuned loop antenna's.
>
>
>
> Since you have them in two separate rooms some distance apart you are
> probably OK. As an example, I run a Carolina Windom along my garden, but
the
> neighbours house also has an extension that is a few meters from the
Windom.
> At 100watt his rear bedroom is safe, but at 400W into the antenna we start
> to hit 55 to 60 V/m which is on the high thresholds in a controlled
> environment, and well above the levels in uncontrolled public area
> environments of around 25V/m.
>
> We've done other tests with ATAS antennas mounted on the bonnet of a car,
or
> beside a rear window. These radiate little from the coil, but lots from
the
> whip. Mounted on the rear edge of the bonnet, and the top of the steering
> wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to be
> potentially damaging passengers, many don't carry passengers in the back,
> but consider the family man with children in the back, best to keep such
> antennas up on the roof.
>
>
>
> Hope that helps anyone else also concerned.
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
>
> Managing Director
>
> Vaughan Industries Ltd., reg in UK no 2561068
>
> Water Care Technology Ltd, reg in UK no 4129351

>
> Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
>
> Phone/Fax 44 (0) 1872 561288
>
> RSGB DRM111 (Cornwall)
>
>
>
> From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of
> willgord
> Sent: 14 August 2009 11:15
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: New HAM needs assistance ... :)
>
>
>
>
>
> Have tested RF with a field strength meter and not found anything
worrisome.
> More to the point, the antenna and the rig are in different rooms, linked
by
> around 60 feet of coax.
>
> Have never tried to go above 100 watts but dont see any safety issues with
> my present set-up.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> ,
> "oldmayorkd5lbe" <morriltonmayor@> wrote:
> >
> > I didn't see if you said you are running on reduced power or not. 100
> watts in a small apartment would make me a more than a little nervous. I
> would reread the RF Safety part of the regulations.
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> , "willgord"
> <willgord@> wrote:
> > >
> > > I own an 897D and live on the 14th floor of a New York City apartment
> building. Considered many options for an antenna, since I have no balcony,
> no access to the roof and can't put anything outside my window.
> > >
> > > I finally settled on a Super Antenna, which is a hand-tuned

screwdriver
> antenna. I have it mounted inside the apartment with a counterpoise, cut
> quarter-wave for 20 meters hanging outside the window. Took forev er to
tune
> the antenna but the results have exceeded my expectations. Since I made my
> first contact at the end of February, I have worked nearly 30 states and
> more than 40 foreign entities. Got a 5-7 from the island of Crete last
> night, 5-9s from England and Cuba and a 5-7 from Poland.
> > >
> > > As for noise, you can reuce by playing with the IPO, DSP. As you get
> more used to life on HF, your ear will get filter at filtering out QSOs
from
> the noise.
> > >
> > > Bounce back with any questions.
> > >
> > > Gordon
> > > K2GLW
> > >
> > >
> > >
> > >
> > >
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> ,
> "leekianbeng" <leekianbeng@> wrote:
> > > >
> > > > Hi,
> > > >
> > > > I am a new HAM. I just obtained the following :
> > > >
> > > > 1) Yaesu FT-897D
> > > > 2) MFJ 949E
> > > > 3) MFJ 1622
> > > >
> > > > Well, I live in a high-rise apartment, therefore I purchased the MFJ
> 1622.
> > > >
> > > > The problem I am having is that I am getting a lot of noise. My
> S-meter level, if that is correct is always around S7 to S9.
> > > >
> > > > I just keep on hearing lots of noise and I can't seem the tune my
> antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > >
> > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
> seem to help much.
> > > >
> > > > I am trying to get on 20m and 40m.
> > > >

> > > > I would appreciate any advise.
> > > >
> > > > Thanks :)
> > > >
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27267. Re: Yaseu FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-08-15 09:19:42 UTC
From: nr3r15
Topic: 27250 Message: 27267

--- In FT897@yahoogroups.com, "charles68252" <charles.newsome@...> wrote:
>
> hi all i have got my self a Yaseu FC-30 Tuner .But i seem not to be abel to tune any thing at all .Ihave tried to tune a long wire and whips but no joy .I have not tried it as a mobil set up has any one had any experience with the tuner
> thanks charlie
>
---

your tuner is fine. It is a very narrow tuner. You must have the antenna almost resonent and than the tuner will "touch up" or fine tune. It is not a very good tuner. I have one that I even sent back and told them it didnt work. I now use it for a book end. Do yourself a favor and if you want a nice wide band tuner that WILL tune antennas get the LDG for the 897. Much much better one. Yaesu is a great product but they fell short with the FC30. Read the eham reviews on the FC30 and also check the past posts here a lot has been discussed about it.

Larry / nr3r

27268. Re: separating TX RX lines on 2M

Yahoo group: FT897 (2009)
Date: 2009-08-15 11:27:59 UTC
From: Dave Nelson
Topic: 27268 Message: 27268

Hi guys,

actually NONE of those relays are used on 2m/70cm for antenna switching
they are all for the HF and 6M bands

the 2m and 70cm bands are switched via PIN diodes in the output of the V/UHF
transmitter (keep in mind that V/UHF uses the same output transistor !!)
and if you disable the pin diodes for RX on 2M you are going to do the same
for the the 70cm RX

after the output TX amp the circuit is split to go through separate 2m and 70cm
LPF's then recombined in D3050 to pass to the main board as a common RX line
Playing around in there if you are not careful will seriously upset the
biasing for the TX/RX PIN switching diodes ... NOT something I would
recommend.

Proceed with extreme caution :)

cheers
Dave
VK2TDN

At 07:52 AM 8/15/2009 +0000, you wrote:
>12a. Re: separating RX/TX lines for 2m ?
> Posted by: "Alan Bowring" alan.bowring@... fredalexanderthomas
> Date: Fri Aug 14, 2009 9:35 pm ((PDT))
>
>Hi Mike,
>
>I have just been looking at the FT897 circuits to check the feasability of
>what you want to do. You can search for and download the FT-897 Technical
>Supplement for yourself if you like. Page 59 shows the PA Unit circuit
>where changes would have to be made. There are in fact 14 relays that work
>in pairs for the different bands that are covered. There are no coax
>cables you can simply unplug - this will be all printed circuit lines to
>and from the relays. To do what you propose would involve major surgery
>and alteration on the PA Unit board and and include the designing of
>additional matching circuits to match the coax to the points where it
>would have to be grafted in. This would be serious Experienced Radio
>Electronic Designer/Technician stuff. Not easy feasable or cost effective
>for someone without that experience. You are well advised to acheive what
>you want by the use of equipment external to the transceiver.
>
>Regards
>Alan
>ZL2AEB

> ----- Original Message -----
> From: Michael Walker (VA3MW)
> To: FT897@yahoogroups.com
> Sent: 12 August, 2009 3:26 PM
> Subject: RE: [FT897] Re: separating RX/TX lines for 2m ?
>
>
> I imagine, without opening my unit, that there are unique RF cable
> that go
> from both the receiver and the transmitter to a T/R relay somewhere. I
> would just pull the receiver one off and add an external connector.
>
> Mike

27269. FW: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 15:02:30 UTC
From: willgord
Topic: 27266 Message: 27269

Thank you for the RF for Dummies version. As things stand, I use a screwdriver antenna (Super Antenna) mounted on a tripod in front of a window and a counterpoise (cut quarter-wave for 20 meters) hanging out the window.

The only thing I can measure is what the field strength meter shows for the area around the antenna, with spot readings taken around the room and in the hallway outside the room. No signs of high readings. I am assuming there is little or no RF being given off by the counterpoise.

For safety sake, the antenna is in the main bedroom, separated from the rig by the bathroom. Two study walls, built in the 1920s, plus space inside each bedroom and inside the bathroom, separate me from the antenna when I broadcast.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "Dr Mark Vaughan" <mark@...> wrote:
>
> OK will try to keep it simple.
>
> When measuring field strengths, you get good stable readings if you are a
> good distance away from the antenna - outside the near field.
>
> Your antenna radiates a signal as you know, this produces a magnetic field,
> and an electrical field, we call them H and E fields, both of which can
> cause harm. There is a relationship between these two which is based on the
> impedance of the space, which is not constant and varies for each close to
> the antenna, so close to the antenna it is highly unpredictable, or very
> complicated to predict. If you measure a low E field, the H field could be
> massive or vice versa. So a simple measurement of the E field in v/m could
> be misleading, this being why commercial measurements close to the antenna
> measure the power per meter cubed. (Note this is a simple analogy and not
> quite correct)
>
> When you get out of the 'near field' into 'free space' things stabilize and
> the impedance of free space becomes virtually a constant, so an E field
> measurement is useable. We usually consider we are in the near field if we
> are closer than one wavelength from the antenna, if you're on 160m, that's
> well outside your house at least well outside most people's houses.
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> This also becomes relevant when hams moan a piece of electrical kit is
> causing them interference and shouldn't be allowed on the market. Simple EMC
> legal requirements need measurements to be taken above about 50MHz, but not
> below because below ones laboratory has to be massive to get out of the near
> field where simple useable measurements can be made.
>

>
>
> Now to the cataract bit, an my PhD isn't medical, it's comms. The condition
> we found with a local ham was NOT cataract, you are correct here, it does
> not cure itself, but the eyes looked milky like cataract. I did not have the
> opportunity to examine the ham with the problem, the milky eye, we assume
> the condition was tissue damage to the conjunctiva rather than cataract
> which occurs on the lens, others that did know him at the time say it wasn't
> just the lens that was milky, but the whole front of the eye. I am not
> qualified to say really, just observe and relate for others to conclude. It
> started when he used his radio close to his antenna, and went away after
> about 6 months when he stopped using the radio, cataract won't do that so
> it's some other condition. The point is though that I'd rather not have any
> one else suffering from it.
>
>
>
> I hope that helps.
>
>
>
> 73 Mark
>
>
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
>
> Managing Director
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> Vaughan Industries Ltd., reg in UK no 2561068
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>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> willgord
> Sent: 14 August 2009 23:19
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: New HAM needs assistance ... :)
>
>

>
>
>
> I feel called upon to make two points.
>
> I don't profess to be technically proficient, but I honestly was unable to
> make sense out of anything in your posting. My problem entirely, but if you
> want to rephrase it so I can understand what you are saying about field
> strength meters, I would truly appreciate it.
>
> Not a doctor either, but did ask a doctor friend and he says he knows of no
> case where cataracts cured themselves without surgery. It is possible to
> clear up post-operative cloudiness without invasive surgery, but he assures
> me there is no such thing as spontaneous remission of cataracts.
>
> Thanks for the response.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dr Mark
> Vaughan" <mark@> wrote:
> >
> > > The question would be how is that field strength meter calibrated?
> >
> > > AND In the near field it's a pretty useless measurement.
> >
> >
> >
> > > MOD sites don't use the field strength guidelines, but watts/ meter cubed.
> > > Instruments made by firms like RAYHAM which are very expensive. We usually
> > > calibrate these by putting them into a strip line cell where we have a
> > > uniform volts/meter field strength that is easy to quantify. I won Raham
> > > meters, and calibrated isotropic field strength meters for RFI/EMC work.
> >
> >
> >
> > > Usually the best and recommended option for a ham is to use simple
> > > calculation methods, those these do not account for gain lobes on an
> > > antenna.
> >
> >
> >
> > > As to the health issues, I am aware of a hams using an indoor antennas on
> > > 50W that went blind doing so. He moved to a small apartment and shortly
> > > afterwards started suffering eyesight problems, his eyes appearing milk
> > > rather like cataract. Being an enthusiastic ham he discussed his radio
> > > activity with his doctor who managed to make the possible link. The ham
> > > stopped using the radio for 6 months and his eye site was then pretty much
> > > back to normal. This was a few years back, but since then I've heard

> similar
> > issues with eyesight and skin problems. The worst seems to be working in
> > close proximity to magnetic tuned loop antenna's.
> >
> >
> >
> > Since you have them in two separate rooms some distance apart you are
> > probably OK. As an example, I run a Carolina Windom along my garden, but
> the
> > neighbours house also has an extension that is a few meters from the
> Windom.
> > At 100watt his rear bedroom is safe, but at 400W into the antenna we start
> > to hit 55 to 60 V/m which is on the high thresholds in a controlled
> > environment, and well above the levels in uncontrolled public area
> > environments of around 25V/m.
> >
> > We've done other tests with ATAS antennas mounted on the bonnet of a car,
> or
> > beside a rear window. These radiate little from the coil, but lots from
> the
> > whip. Mounted on the rear edge of the bonnet, and the top of the steering
> > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to be
> > potentially damaging passengers, many don't carry passengers in the back,
> > but consider the family man with children in the back, best to keep such
> > antennas up on the roof.
> >
> >
> >
> > Hope that helps anyone else also concerned.
> >
> >
> >
> > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
> >
> > Managing Director
> >
> > Vaughan Industries Ltd., reg in UK no 2561068
> >
> > Water Care Technology Ltd, reg in UK no 4129351
> >
> > Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
> >
> > Phone/Fax 44 (0) 1872 561288
> >
> > RSGB DRM111 (Cornwall)
> >
> >
> >
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf

> Of
> > willgord
> > Sent: 14 August 2009 11:15
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: New HAM needs assistance ... :)
> >
> >
> >
> >
> >
> > Have tested RF with a field strength meter and not found anything
> worrisome.
> > More to the point, the antenna and the rig are in different rooms, linked
> by
> > around 60 feet of coax.
> >
> > Have never tried to go above 100 watts but dont see any safety issues with
> > my present set-up.
> >
> > Gordon
> > K2GLW
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> ,
> > "oldmayorkd5lbe" <morriltonmayor@> wrote:
> > >
> > > I didn't see if you said you are running on reduced power or not. 100
> > watts in a small apartment would make me a more than a little nervous. I
> > would reread the RF Safety part of the regulations.
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> , "willgord"
> > <willgord@> wrote:
> > > >
> > > > I own an 897D and live on the 14th floor of a New York City apartment
> > building. Considered many options for an antenna, since I have no balcony,
> > no access to the roof and can't put anything outside my window.
> > > >
> > > > I finally settled on a Super Antenna, which is a hand-tuned
> screwdriver
> > antenna. I have it mounted inside the apartment with a counterpoise, cut
> > quarter-wave for 20 meters hanging outside the window. Took forev er to
> tune
> > the antenna but the results have exceeded my expectations. Since I made my
> > first contact at the end of February, I have worked nearly 30 states and
> > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > >
> > > > As for noise, you can reuce by playing with the IPO, DSP. As you get
> > more used to life on HF, your ear will get filter at filtering out QSOs

> from
> > the noise.
> > > >
> > > > Bounce back with any questions.
> > > >
> > > > Gordon
> > > > K2GLW
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> ,
> > "leekianbeng" <leekianbeng@> wrote:
> > > > >
> > > > > Hi,
> > > > >
> > > > > I am a new HAM. I just obtained the following :
> > > > >
> > > > > 1) Yaesu FT-897D
> > > > > 2) MFJ 949E
> > > > > 3) MFJ 1622
> > > > >
> > > > > Well, I live in a high-rise apartment, therefore I purchased the MFJ
> > 1622.
> > > > >
> > > > > The problem I am having is that I am getting a lot of noise. My
> > S-meter level, if that is correct is always around S7 to S9.
> > > > >
> > > > > I just keep on hearing lots of noise and I can't seem the tune my
> > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > >
> > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
> > seem to help much.
> > > > >
> > > > > I am trying to get on 20m and 40m.
> > > > >
> > > > > I would appreciate any advise.
> > > > >
> > > > > Thanks :)
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27270. Re: [FT897] Re: separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-15 17:38:20 UTC
From: Ronald Bergantzel
Topic: 27188 Message: 27270

Hello All !!! Well , I have been following this post and could not hold back any longer ..... I seperated the xmit / rcv on my 897d simply by unplugging the rcv to PA board line , then made up a rg-174u cable w/ SMA connector, the carefully routed it to the outside of the chassis..... Simple and works great !! I seperated the rcv / xmit due to the fact that I am a 2m qro

--- On Thu, 8/13/09, Alan Bowring <alan.bowring@...> wrote:

From: Alan Bowring <alan.bowring@...>
Subject: Re: [FT897] Re: separating RX/TX lines for 2m ?
To: FT897@yahoogroups.com
Date: Thursday, August 13, 2009, 6:27 AM

Hi Mike,

I have just been looking at the FT897 circuits to check the feasability of what you want to do. You can search for and download the FT-897 Technical Supplement for yourself if you like. Page 59 shows the PA Unit circuit where changes would have to be made. There are in fact 14 relays that work in pairs for the different bands that are covered. There are no coax cables you can simply unplug - this will be all printed circuit lines to and from the relays. To do what you propose would involve major surgery and alteration on the PA Unit board and and include the designing of additional matching circuits to match the coax to the points where it would have to be grafted in. This would be serious Experienced Radio Electronic Designer/Technician stuff. Not easy feasable or cost effective for someone without that experience. You are well advised to acheive what you want by the use of equipment external to the transceiver.

Regards
Alan
ZL2AEB
----- Original Message -----
From: Michael Walker (VA3MW)
To: FT897@yahoogroups. com
Sent: 12 August, 2009 3:26 PM
Subject: RE: [FT897] Re: separating RX/TX lines for 2m ?

I imagine, without opening my unit, that there are unique RF cable that go
from both the receiver and the transmitter to a T/R relay somewhere. I
would just pull the receiver one off and add an external connector.

Mike

From: Erwin Witt [mailto:wini.witt@googlemai l.com]
Sent: Tuesday, August 11, 2009 11:07
To: FT897@yahoogroups. com
Subject: [FT897] Re: separating RX/TX lines for 2m ?

Hi Mike,
of course I use right now a sequencer and a Preamp with coax relays.
I'm asking for a mode separating TRX lines because of using a low noise LNA
without switching relays.Therefore separating lines is needed.

73's Erwin/DK5EW

--- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Michael
Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Erwin
>
>
>
> There are many preamps that are available that will switch out of line.
>
>
>
> Most people who do EME/MS will add a PTT sequencer that turns off the
preamp
> before turning on the power amp, etc.
>
>
>
> Mike VA3MW
>
>
>
> From: Erwin Witt [mailto:wini. witt@...]
> Sent: Friday, August 07, 2009 6:12 AM
> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> Subject: [FT897] separating RX/TX lines for 2m ?
>
>
>
>
>
> Hi all,
> did anyone the mod separating the RX/TX lines for 2m ?
> Or does anybody know how to do or at all if it is possible ?
> Would be very useful for EME/MS using a HEMT FET preamp.
> 73's Erwin/DK5EW
>
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27271. Re: separating RX/TX lines for 2m ?

Yahoo group: FT897 (2009)
Date: 2009-08-15 18:23:12 UTC
From: Erwin Witt
Topic: 27188 Message: 27271

Hi dear Ronald,
TNX for your answer. That was the thing I was looking for !
Didn't expected but hoped it was so easy. In your post I see
you understand the problem with LNA/QRO.
Is it possible you make a pictured advice (sure on own risk) from
your mod ? Guess lot's of 2m enthusiasts will give you a big THANKS.
If you need to contact me pse dk5ew@... or via my homepage at
http://www.qslnet.de/member/dk5ew/

73's Erwin/DK5EW

--- In FT897@yahoogroups.com, Ronald Bergantzel <ka0ryt1@...> wrote:
>
> Hello All !!! Well , I have been following this post and could not hold back any longer ..... I seperated the xmit / rcv on my 897d simply by unplugging the rcv to PA board line , then made up a rg-174u cable w/ SMA connector, the carefully routed it to the outside of the chassis..... Simple and works great !! I seperated the rcv / xmit due to the fact that I am a 2m qro
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>
>
> From: Alan Bowring <alan.bowring@...>
> Subject: Re: [FT897] Re: separating RX/TX lines for 2m ?
> To: FT897@yahoogroups.com
> Date: Thursday, August 13, 2009, 6:27 AM
>
>
>
>
>
>
>
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>
> Regards
> Alan
> ZL2AEB
> ----- Original Message -----
> From: Michael Walker (VA3MW)
> To: FT897@yahoogroups. com
> Sent: 12 August, 2009 3:26 PM
> Subject: RE: [FT897] Re: separating RX/TX lines for 2m ?
>
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> from both the receiver and the transmitter to a T/R relay somewhere. I
> would just pull the receiver one off and add an external connector.
>
> Mike
>
> From: Erwin Witt [mailto:wini.witt@googlemai l.com]
> Sent: Tuesday, August 11, 2009 11:07
> To: FT897@yahoogroups. com
> Subject: [FT897] Re: separating RX/TX lines for 2m ?
>
> Hi Mike,
> of course I use right now a sequencer and a Preamp with coax relays.
> I'm asking for a mode separating TRX lines because of using a low noise LNA
> without switching relays.Therefore separating lines is needed.
>
> 73's Erwin/DK5EW
>
> --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Michael
> Walker \(VA3MW\)" <va3mw@> wrote:
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> > Erwin
> >
> >
> >
> > There are many preamps that are available that will switch out of line.
> >
> >
> >
> > Most people who do EME/MS will add a PTT sequencer that turns off the
> preamp
> > before turning on the power amp, etc.
> >
> >
> >
> > Mike VA3MW
> >
> >
> >
> > From: Erwin Witt [mailto:wini. witt@]

> > Sent: Friday, August 07, 2009 6:12 AM
> > To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> > Subject: [FT897] separating RX/TX lines for 2m ?
> >
> >
> >
> >
> >
> > Hi all,
> > did anyone the mod separating the RX/TX lines for 2m ?
> > Or does anybody know how to do or at all if it is possible ?
> > Would be very useful for EME/MS using a HEMT FET preamp.
> > 73's Erwin/DK5EW
> >
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27272. Re: Yaseu FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-08-15 21:20:47 UTC
From: Jim
Topic: 27250 Message: 27272

The FC30 tuner can be "Fudged" to work over a greater range by opening the 897's swr limits a little. This was done on one of the earlier rigs (857?) to allow the tuner to tune a broader expanse of SWR.
I don't see why the FC-30 tuner could be persuaded to tune to a broader response. Perhaps just no one has tried it due to the availability of the other mentioned tuner. I haven't read of any attempts or comments on reworking the FC-30.
Jim VE3DDY

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
> --- In FT897@yahoogroups.com, "charles68252" <charles.newsome@> wrote:
> >
> > hi all i have got my self a Yaseu FC-30 Tuner .But i seem not to be abel to tune any thing at all .Ihave tried to tune a long wire and whips but no joy .I have not tried it as a mobil set up has any one had any experience with the tuner
> > thanks charlie
> >
> ----------
>
> your tuner is fine. It is a very narrow tuner. You must have the antenna almost resonent and than the tuner will "touch up" or fine tune. It is not a very good tuner. I have one that I even sent back and told them it didnt work. I now use it for a book end. Do yourself a favor and if you want a nice wide band tuner that WILL tune antennas get the LDG for the 897. Much much better one. Yaesu is a great product but they fell short with the FC30. Read the eham reviews on the FC30 and also check the past posts here a lot has been discussed about it.
>
> Larry / nr3r
>

27273. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-15 22:02:44 UTC
From: Dr Mark Vaughan
Topic: 27266 Message: 27273

I think you are probably far enough away to not worry.

When I get worried is someone sitting in a one roomed bedsit, rig on one end of the bed, and antenna bolted to the other end. Sort of common students or elderly caravan/park home situation.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: 15 August 2009 16:03
To: FT897@yahoogroups.com
Subject: FW: [FT897] Re: New HAM needs assistance ... :)

Thank you for the RF for Dummies version. As things stand, I use a screwdriver antenna (Super Antenna) mounted on a tripod in front of a window and a counterpoise (cut quarter-wave for 20 meters) hanging out the window.

The only thing I can measure is what the field strength meter shows for the area around the antenna, with spot readings taken around the room and in the hallway outside the room. No signs of high readings. I am assuming there is little or no RF being given off by the counterpoise.

For safety sake, the antenna is in the main bedroom, separated from the rig by the bathroom. Two study walls, built in the 1920s, plus space inside each bedroom and inside the bathroom, separate me from the antenna when I broadcast.

Gordon
K2GLW

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dr Mark Vaughan" <mark@...> wrote:
>
> OK will try to keep it simple.

>
> When measuring field strengths, you get good stable readings if you are a
> good distance away from the antenna - outside the near field.
>
> Your antenna radiates a signal as you know, this produces a magnetic
field,
> and an electrical field, we call them H and E fields, both of which can
> cause harm. There is a relationship between these two which is based on
the
> impedance of the space, which is not constant and varies for each close to
> the antenna, so close to the antenna it is highly unpredictable, or very
> complicated to predict. If you measure a low E field, the H field could be
> massive or vice versa. So a simple measurement of the E field in v/m could
> be misleading, this being why commercial measurements close to the antenna
> measure the power per meter cubed. (Note this is a simple analogy and not
> quite correct)
>
> When you get out of the 'near field' into 'free space' things stabilize
and
> the impedance of free space becomes virtually a constant, so an E field
> measurement is useable. We usually consider we are in the near field if we
> are closer than one wavelength from the antenna, if you're on 160m, that's
> well outside your house at least well outside most people's houses.
>
> This also becomes relevant when hams moan a piece of electrical kit is
> causing them interference and shouldn't be allowed on the market. Simple
EMC
> legal requirements need measurements to be taken above about 50MHz, but
not
> below because below ones laboratory has to be massive to get out of the
near
> field where simple useable measurements can be made.
>
>
>
> Now to the cataract bit, an my PhD isn't medical, it's comms. The
condition
> we found with a local ham was NOT cataract, you are correct here, it does
> not cure itself, but the eyes looked milky like cataract. I did not have
the
> opportunity to examine the ham with the problem, the milky eye, we assume
> the condition was tissue damage to the conjunctiva rather than cataract
> which occurs on the lens, others that did know him at the time say it
wasn't
> just the lens that was milky, but the whole front of the eye. I am not
> qualified to say really, just observe and relate for others to conclude.
It
> started when he used his radio close to his antenna, and went away after
> about 6 months when he stopped using the radio, cataract won't do that so
> it's some other condition. The point is though that I'd rather not have

any
> one else suffering from it.
>
>
>
> I hope that helps.
>
>
>
> 73 Mark
>
>
>
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
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> Managing Director
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Of
> willgord
> Sent: 14 August 2009 23:19
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Re: New HAM needs assistance ... :)
>
>
>
>
>
> I feel called upon to make two points.
>
> I don't profess to be technically proficient, but I honestly was unable to
> make sense out of anything in your posting. My problem entirely, but if
you
> want to rephrase it so I can understand what you are saying about field
> strength meters, I would truly appreciate it.

>
> Not a doctor either, but did ask a doctor friend and he says he knows of
no
> case where cataracts cured themselves without surgery. It is possible to
> clear up post-operative cloudiness without invasive surgery, but he
assures
> me there is no such thing as spontaneous remission of cataracts.
>
> Thanks for the response.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com> , "Dr Mark
> Vaughan" <mark@> wrote:
> >
> > The question would be how is that field strength meter calibrated?
> >
> > AND In the near field it's a pretty useless measurement.
> >
> >
> >
> > MOD sites don't use the field strength guidelines, but watts/ meter
cubed.
> > Instruments made by firms like RAYHAM which are very expensive. We
usually
> > calibrate these by putting them into a strip line cell where we have a
> > uniform volts/meter field strength that is easy to quantify. I won Raham
> > meters, and calibrated isotropic field strength meters for RFI/EMC work.
> >
> >
> >
> > Usually the best and recommended option for a ham is to use simple
> > calculation methods, those these do not account for gain lobes on an
> > antenna.
> >
> >
> >
> > As to the health issues, I am aware of a hams using an indoor antennas
on
> > 50W that went blind doing so. He moved to a small apartment and shortly
> > afterwards started suffering eyesight problems, his eyes appearing milk
> > rather like cataract. Being an enthusiastic ham he discussed his radio
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> >
> >
> >
> > Since you have them in two separate rooms some distance apart you are
> > probably OK. As an example, I run a Carolina Windom along my garden, but
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> > neighbours house also has an extension that is a few meters from the
> Windom.
> > At 100watt his rear bedroom is safe, but at 400W into the antenna we
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> > to hit 55 to 60 V/m which is on the high thresholds in a controlled
> > environment, and well above the levels in uncontrolled public area
> > environments of around 25V/m.
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> > We've done other tests with ATAS antennas mounted on the bonnet of a
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> or
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> the
> > whip. Mounted on the rear edge of the bonnet, and the top of the
steering
> > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to
be
> > potentially damaging passengers, many don't carry passengers in the
back,
> > but consider the family man with children in the back, best to keep such
> > antennas up on the roof.
> >
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> >
> > Hope that helps anyone else also concerned.
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> > Managing Director
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> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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> > K2GLW
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> ,
> > "oldmayorkd5lbe" <morriltonmayor@> wrote:
> > >
> > > I didn't see if you said you are running on reduced power or not. 100
> > watts in a small apartment would make me a more than a little nervous. I
> > would reread the RF Safety part of the regulations.
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> , "willgord"
> > <willgord@> wrote:
> > > >
> > > > I own an 897D and live on the 14th floor of a New York City
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> > building. Considered many options for an antenna, since I have no
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> > no access to the roof and can't put anything outside my window.
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> > > > I finally settled on a Super Antenna, which is a hand-tuned
> screwdriver
> > antenna. I have it mounted inside the apartment with a counterpoise, cut
> > quarter-wave for 20 meters hanging outside the window. Took forev er to
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> > the antenna but the results have exceeded my expectations. Since I made
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> > first contact at the end of February, I have worked nearly 30 states and
> > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > >
> > > > As for noise, you can reuce by playing with the IPO, DSP. As you get
> > more used to life on HF, your ear will get filter at filtering out QSOs
> from
> > the noise.
> > > >
> > > > Bounce back with any questions.
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> > "leekianbeng" <leekianbeng@> wrote:
> > > > > >
> > > > > > Hi,
> > > > > >
> > > > > > I am a new HAM. I just obtained the following :
> > > > > >
> > > > > > 1) Yaesu FT-897D
> > > > > > 2) MFJ 949E
> > > > > > 3) MFJ 1622
> > > > > >
> > > > > > Well, I live in a high-rise apartment, therefore I purchased the
MFJ
> > 1622.
> > > > > >
> > > > > > The problem I am having is that I am getting a lot of noise. My
> > S-meter level, if that is correct is always around S7 to S9.
> > > > > >
> > > > > > I just keep on hearing lots of noise and I can't seem the tune my
> > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > > >
> > > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't

> > seem to help much.
> > > > >
> > > > > I am trying to get on 20m and 40m.
> > > > > >
> > > > > > I would appreciate any advise.
> > > > > >
> > > > > > Thanks :)
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27274. Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-16 02:22:07 UTC
From: kc9ipv
Topic: 27274 Message: 27274

Anyone have any issues charging one battery while using the other?

On the 17 meter band the OEM charger gives me a S7 to S8 noise level making the band useless while charging. Does anyone else have this problem?

I had a friend with a W4RT charger try it and he has no noise.

Mike KC9IPV

27275. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-16 07:38:43 UTC
From: leekianbeng
Topic: 27266 Message: 27275

Hi Mark,

I am sort of in this setup though. I have my rig radio setup on a small study desk at one end of the room and the antenna bolted onto my balcony.

The distance is only around 2 meters. It is after all a balcony/window antenna.

--- In FT897@yahoogroups.com, "Dr Mark Vaughan" <mark@...> wrote:
>
> I think you are probably far enough away to not worry.
>
> When I get worried is someone sitting in a one roomed bedsit, rig on one end
> of the bed, and antenna bolted to the other end. Sort of common students or
> elderly caravan/park home situation.
>
>
>
> 73 Mark
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
>
> Managing Director
>
> Vaughan Industries Ltd., reg in UK no 2561068
>
> Water Care Technology Ltd, reg in UK no 4129351
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> Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
>
> Phone/Fax 44 (0) 1872 561288
>
> RSGB DRM111 (Cornwall)
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> willgord
> Sent: 15 August 2009 16:03
> To: FT897@yahoogroups.com
> Subject: FW: [FT897] Re: New HAM needs assistance ... :)
>
>
>
>

>
> Thank you for the RF for Dummies version. As things stand, I use a
> screwdriver antenna (Super Antenna) mounted on a tripod in front of a window
> and a counterpoise (cut quarter-wave for 20 meters) hanging out the window.
>
> The only thing I can measure is what the field strength meter shows for the
> area around the antenna, with spot readings taken around the room and in the
> hallway outside the room. No signs of high readings. I am assuming there is
> little or no RF being given off by the counterpoise.
>
> For safety sake, the antenna is in the main bedroom, separated from the rig
> by the bathroom. Two study walls, built in the 1920s, plus space inside each
> bedroom and inside the bathroom, separate me from the antenna when I
> broadcast.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Dr Mark
> Vaughan" <mark@> wrote:
> >
> > OK will try to keep it simple.
> >
> > When measuring field strengths, you get good stable readings if you are a
> > good distance away from the antenna - outside the near field.
> >
> > Your antenna radiates a signal as you know, this produces a magnetic
> field,
> > and an electrical field, we call them H and E fields, both of which can
> > cause harm. There is a relationship between these two which is based on
> the
> > impedance of the space, which is not constant and varies for each close to
> > the antenna, so close to the antenna it is highly unpredictable, or very
> > complicated to predict. If you measure a low E field, the H field could be
> > massive or vice versa. So a simple measurement of the E field in v/m could
> > be misleading, this being why commercial measurements close to the antenna
> > measure the power per meter cubed. (Note this is a simple analogy and not
> > quite correct)
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> > When you get out of the 'near field' into 'free space' things stabilize
> and
> > the impedance of free space becomes virtually a constant, so an E field
> > measurement is useable. We usually consider we are in the near field if we
> > are closer than one wavelength from the antenna, if you're on 160m, that's
> > well outside your house at least well outside most people's houses.
> >
> > This also becomes relevant when hams moan a piece of electrical kit is
> > causing them interference and shouldn't be allowed on the market. Simple
> EMC
> > legal requirements need measurements to be taken above about 50MHz, but

> not
> > below because below ones laboratory has to be massive to get out of the
> near
> > field where simple useable measurements can be made.
> >
> >
> >
> > Now to the cataract bit, an my PhD isn't medical, it's comms. The
> condition
> > we found with a local ham was NOT cataract, you are correct here, it does
> > not cure itself, but the eyes looked milky like cataract. I did not have
> the
> > opportunity to examine the ham with the problem, the milky eye, we assume
> > the condition was tissue damage to the conjunctiva rather than cataract
> > which occurs on the lens, others that did know him at the time say it
> wasn't
> > just the lens that was milky, but the whole front of the eye. I am not
> > qualified to say really, just observe and relate for others to conclude.
> It
> > started when he used his radio close to his antenna, and went away after
> > about 6 months when he stopped using the radio, cataract won't do that so
> > it's some other condition. The point is though that I'd rather not have
> any
> > one else suffering from it.
> >
> >
> >
> > I hope that helps.
> >
> >
> >
> > 73 Mark
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> > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
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> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
> Of
> > willgord
> > Sent: 14 August 2009 23:19
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: New HAM needs assistance ... :)
> >
> >
> >
> >
> >
> > I feel called upon to make two points.
> >
> > I don't profess to be technically proficient, but I honestly was unable to
> > make sense out of anything in your posting. My problem entirely, but if
> you
> > want to rephrase it so I can understand what you are saying about field
> > strength meters, I would truly appreciate it.
> >
> > Not a doctor either, but did ask a doctor friend and he says he knows of
> no
> > case where cataracts cured themselves without surgery. It is possible to
> > clear up post-operative cloudiness without invasive surgery, but he
> assures
> > me there is no such thing as spontaneous remission of cataracts.
> >
> > Thanks for the response.
> >
> > Gordon
> > K2GLW
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com> , "Dr Mark
> > Vaughan" <mark@> wrote:
> > >
> > > The question would be how is that field strength meter calibrated?
> > >
> > > AND In the near field it's a pretty useless measurement.
> > >
> > >
> > >
> > > MOD sites don't use the field strength guidelines, but watts/ meter
> cubed.
> > > Instruments made by firms like RAYHAM which are very expensive. We
> usually
> > > calibrate these by putting them into a strip line cell where we have a

> > > uniform volts/meter field strength that is easy to quantify. I won Raham
> > > meters, and calibrated isotropic field strength meters for RFI/EMC work.
> > >
> > >
> > >
> > > Usually the best and recommended option for a ham is to use simple
> > > calculation methods, those these do not account for gain lobes on an
> > > antenna.
> > >
> > >
> > >
> > > As to the health issues, I am aware of a hams using an indoor antennas
> on
> > > 50W that went blind doing so. He moved to a small apartment and shortly
> > > afterwards started suffering eyesight problems, his eyes appearing milk
> > > rather like cataract. Being an enthusiastic ham he discussed his radio
> > > activity with his doctor who managed to make the possible link. The ham
> > > stopped using the radio for 6 months and his eye site was then pretty
> much
> > > back to normal. This was a few years back, but since then I've heard
> > similar
> > > issues with eyesight and skin problems. The worst seems to be working in
> > > close proximity to magnetic tuned loop antenna's.
> > >
> > >
> > >
> > > Since you have them in two separate rooms some distance apart you are
> > > probably OK. As an example, I run a Carolina Windom along my garden, but
> > the
> > > neighbours house also has an extension that is a few meters from the
> > Windom.
> > > At 100watt his rear bedroom is safe, but at 400W into the antenna we
> start
> > > to hit 55 to 60 V/m which is on the high thresholds in a controlled
> > > environment, and well above the levels in uncontrolled public area
> > > environments of around 25V/m.
> > >
> > > We've done other tests with ATAS antennas mounted on the bonnet of a
> car,
> > or
> > > beside a rear window. These radiate little from the coil, but lots from
> > the
> > > whip. Mounted on the rear edge of the bonnet, and the top of the
> steering
> > > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount to
> be
> > > potentially damaging passengers, many don't carry passengers in the
> back,
> > > but consider the family man with children in the back, best to keep such
> > > antennas up on the roof.

> > >
> > >
> > >
> > > Hope that helps anyone else also concerned.
> > >
> > >
> > >
> > > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
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> > > Sent: 14 August 2009 11:15
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > > Subject: [FT897] Re: New HAM needs assistance ... :)
> > >
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> > >
> > >
> > >
> > > Have tested RF with a field strength meter and not found anything
> > worrisome.
> > > More to the point, the antenna and the rig are in different rooms,
> linked
> > by
> > > around 60 feet of coax.
> > >
> > > Have never tried to go above 100 watts but dont see any safety issues
> with
> > > my present set-up.
> > >
> > > Gordon

> > > K2GLW
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
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> > > > > I finally settled on a Super Antenna, which is a hand-tuned
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> > > > > > Hi,
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> > > > > >
> > > > > > 1) Yaesu FT-897D
> > > > > > 2) MFJ 949E
> > > > > > 3) MFJ 1622
> > > > > >
> > > > > > Well, I live in a high-rise apartment, therefore I purchased the
> MFJ
> > > 1622.
> > > > > >
> > > > > > The problem I am having is that I am getting a lot of noise. My
> > > S-meter level, if that is correct is always around S7 to S9.
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> > > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
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> > > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it doesn't
> > > seem to help much.
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> > > > > > I am trying to get on 20m and 40m.
> > > > > >
> > > > > > I would appreciate any advise.
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> > > > > > Thanks :)
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27276. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-16 10:14:43 UTC
From: Dr Mark Vaughan
Topic: 27266 Message: 27276

OK

I doubt whether you can safely run anything close to 100W with most setups. Your down to the distance which is usually always considered a no go zone, unless the power is down to the sort of levels of a handy sort of 5 to 10w max. 2 meters though is massively better than 2 feet.

I haven't followed all the posts, so I'm not sure what antenna you have bolted on the balcony am hoping a screwdriver antenna is a good bet.

With these there's little radiation below the coil antenna junction, so if you can mount it so that junction is above head height you should be OK to run lots of power. Things like the Atas come with recommendations regarding safety which I believe are to keep the public quite a distance away in the order of a couple of meters I think - easy enough to look up, and you may just fit that recommendation to get away with running 100w.

I also see magnetic tuned antenna's used in small spaces, because they are small, these are the ones with a big loop and various tuning arrangements at the base to make them resonant. Most you'll find have a motor drive in the tuner, and there's one good reason for this, it's because it's too dangerous to strand in close and tune it. Without the motor it's easy to get RF burns while trying to tune, These are thus not ideal for you, unless you are perhaps side on.

Another thing you could try is trying to spread an antenna across the building and gain some gain from a bigger antenna so you spread the radiated field over a larger area. It may be possible for you to get a line up to the roof or a gutter and use that to pull a wire antenna. I've also seen wire collinear antennas made from coax thrown down from balconies.

And the last method to help is to try and get something directional, and then not stand in front or behind it, would work well for 2m but not so easy to HF. Some 2m beams have gains that are very high and can cause harm several meters in front of them, and HF beam is usually so big you can't get in front of it.

Really you're in a very difficult situation, one I wouldn't like to be in, and one it is difficult to make any proper recommendation without properly analysing the space you sit in during a transmission. I think the screwdriver antenna is the best option since the manufacturer gives safe distances as I've said above.

I hope that helps, but please be careful. Mild RF burning will cause things like stiff muscles where the tissue gets slightly cooked inside. You don't feel pain because there are no pain receptors there. With heavy RF burns, the tissue warms up deep inside then the heat is conducted to outer tissue

where you feel it, let go, but the cooking and pain continues for a while like a microwave. Then over the next few days the tissue will go hard and tendons and muscles don't seem to be as flexible as they were. In my youth I've experienced this first hand.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

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RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of leekianbeng
Sent: 16 August 2009 08:39
To: FT897@yahoogroups.com
Subject: [FT897] Re: New HAM needs assistance ... :)

Hi Mark,

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The distance is only around 2 meters. It is after all a balcony/window antenna.

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> Gordon
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> Vaughan" <mark@> wrote:
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> > field where simple useable measurements can be made.
> >
> >
> >
> > Now to the cataract bit, an my PhD isn't medical, it's comms. The

> condition
> > we found with a local ham was NOT cataract, you are correct here, it
does
> > not cure itself, but the eyes looked milky like cataract. I did not have
> the
> > opportunity to examine the ham with the problem, the milky eye, we
assume
> > the condition was tissue damage to the conjunctiva rather than cataract
> > which occurs on the lens, others that did know him at the time say it
> wasn't
> > just the lens that was milky, but the whole front of the eye. I am not
> > qualified to say really, just observe and relate for others to conclude.
> It
> > started when he used his radio close to his antenna, and went away after
> > about 6 months when he stopped using the radio, cataract won't do that
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> > it's some other condition. The point is though that I'd rather not have
> any
> > one else suffering from it.
> >
> >
> >
> > I hope that helps.
> >
> >
> >
> > 73 Mark
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> >
> >
> >
> > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
> >
> > Managing Director
> >
> > Vaughan Industries Ltd., reg in UK no 2561068
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> > Water Care Technology Ltd, reg in UK no 4129351
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> >
> > From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>

> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>] On Behalf
> Of
> > willgord
> > Sent: 14 August 2009 23:19
> > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> > Subject: [FT897] Re: New HAM needs assistance ... :)
> >
> >
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> > I feel called upon to make two points.
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> > I don't profess to be technically proficient, but I honestly was unable
to
> > make sense out of anything in your posting. My problem entirely, but if
> you
> > want to rephrase it so I can understand what you are saying about field
> > strength meters, I would truly appreciate it.
> >
> > Not a doctor either, but did ask a doctor friend and he says he knows of
> no
> > case where cataracts cured themselves without surgery. It is possible to
> > clear up post-operative cloudiness without invasive surgery, but he
> assures
> > me there is no such thing as spontaneous remission of cataracts.
> >
> > Thanks for the response.
> >
> > Gordon
> > K2GLW
> >
> > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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> > >
> > > The question would be how is that field strength meter calibrated?
> > >
> > > AND In the near field it's a pretty useless measurement.
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> > >
> > > MOD sites don't use the field strength guidelines, but watts/ meter
> cubed.
> > > Instruments made by firms like RAYHAM which are very expensive. We
> usually
> > > calibrate these by putting them into a strip line cell where we have a

> > > uniform volts/meter field strength that is easy to quantify. I won
Raham
> > > meters, and calibrated isotropic field strength meters for RFI/EMC
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> > >
> > > Usually the best and recommended option for a ham is to use simple
> > > calculation methods, those these do not account for gain lobes on an
> > > antenna.
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> on
> > > 50W that went blind doing so. He moved to a small apartment and
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> > > afterwards started suffering eyesight problems, his eyes appearing
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> > > close proximity to magnetic tuned loop antenna's.
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> > > whip. Mounted on the rear edge of the bonnet, and the top of the
> steering
> > > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount
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> > > potentially damaging passengers, many don't carry passengers in the
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> > Of
> > > willgord
> > > Sent: 14 August 2009 11:15
> > > To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > > Subject: [FT897] Re: New HAM needs assistance ... :)
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> > >
> > >
> > >

> > >
> > > Have tested RF with a field strength meter and not found anything
> > worrisome.
> > > More to the point, the antenna and the rig are in different rooms,
> linked
> > by
> > > around 60 feet of coax.
> > >
> > > Have never tried to go above 100 watts but dont see any safety issues
> with
> > > my present set-up.
> > >
> > > Gordon
> > > K2GLW
> > >
> > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com> ,
> > > "oldmayorkd5lbe" <morriltonmayor@> wrote:
> > > >
> > > > I didn't see if you said you are running on reduced power or not.
100
> > > watts in a small apartment would make me a more than a little nervous.
I
> > > would reread the RF Safety part of the regulations.
> > > >
> > > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com> , "willgord"
> > > <willgord@> wrote:
> > > > >
> > > > > I own an 897D and live on the 14th floor of a New York City
> apartment
> > > building. Considered many options for an antenna, since I have no
> balcony,
> > > no access to the roof and can't put anything outside my window.
> > > > >
> > > > > I finally settled on a Super Antenna, which is a hand-tuned
> > screwdriver
> > > antenna. I have it mounted inside the apartment with a counterpoise,
cut
> > > quarter-wave for 20 meters hanging outside the window. Took forev er
to
> > tune
> > > the antenna but the results have exceeded my expectations. Since I
made
> my
> > > first contact at the end of February, I have worked nearly 30 states

and
> > > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > > >
> > > > > As for noise, you can reuce by playing with the IPO, DSP. As you
get
> > > more used to life on HF, your ear will get filter at filtering out
QSOs
> > from
> > > the noise.
> > > > >
> > > > > Bounce back with any questions.
> > > > >
> > > > > Gordon
> > > > > K2GLW
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
<mailto:FT897%40yahoogroups.com>
> <mailto:FT897%40yahoogroups.com>
> > <mailto:FT897%40yahoogroups.com> ,
> > > "leekianbeng" <leekianbeng@> wrote:
> > > > > >
> > > > > > Hi,
> > > > > >
> > > > > > I am a new HAM. I just obtained the following :
> > > > > >
> > > > > > 1) Yaesu FT-897D
> > > > > > 2) MFJ 949E
> > > > > > 3) MFJ 1622
> > > > > >
> > > > > > Well, I live in a high-rise apartment, therefore I purchased the
> MFJ
> > > 1622.
> > > > > >
> > > > > > The problem I am having is that I am getting a lot of noise. My
> > > S-meter level, if that is correct is always around S7 to S9.
> > > > > >
> > > > > > I just keep on hearing lots of noise and I can't seem the tune
my
> > > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > > >
> > > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it
doesn't
> > > seem to help much.
> > > > > >

> > > > > > I am trying to get on 20m and 40m.
> > > > > > >
> > > > > > > I would appreciate any advise.
> > > > > > >
> > > > > > > Thanks :)
> > > > > > >
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27277. Re: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-16 13:31:01 UTC
From: Lee Kian Beng
Topic: 27266 Message: 27277

Hi Mark,

Thanks.

I am using the MFJ 1622 antenna. I suppose that is a screwdriver antenna ?

Well, I guess if it is too dangerous, I may have to halt this for the time being. I have no idea how to measure the safety of this at all.

From: Dr Mark Vaughan <mark@...>
To: FT897@yahoogroups.com
Sent: Sunday, August 16, 2009 6:14:43 PM
Subject: RE: [FT897] Re: New HAM needs assistance ... :)

OK

I doubt whether you can safely run anything close to 100W with most setups. Your down to the distance which is usually always considered a no go zone, unless the power is down to the sort of levels of a handy sort of 5 to 10w max. 2 meters though is massively better than 2 feet.

I haven't followed all the posts, so I'm not sure what antenna you have bolted on the balcony am hoping a screwdriver antenna is a good bet.

With these there's little radiation below the coil antenna junction, so if you can mount it so that junction is above head height you should be OK to run lots of power. Things like the Atas come with recommendations regarding safety which I believe are to keep the public quite a distance away in the order of a couple of meters I think - easy enough to look up, and you may just fit that recommendation to get away with running 100w.

I also see magnetic tuned antenna's used in small spaces, because they are small, these are the ones with a big loop and various tuning arrangements at the base to make them resonant. Most you'll find have a motor drive in the tuner, and there's one good reason for this, it's because it's too dangerous to strand in close and tune it. Without the motor it's easy to get RF burns while trying to tune, These are thus not ideal for you, unless you are perhaps side on.

Another thing you could try is trying to spread an antenna across the building and gain some gain from a bigger antenna so you spread the radiated field over a larger area. It may be possible for you to get a line up to the roof or a gutter and use that to pull a wire antenna. I've also seen wire collinear antennas made from coax thrown down from balconies.

And the last method to help is to try and get something directional, and then not stand in front or behind it, would work well for 2m but not so easy

to HF. Some 2m beams have gains that are very high and can cause harm several meters in front of them, and HF beam is usually so big you can't get in front of it.

Really you're in a very difficult situation, one I wouldn't like to be in, and one it is difficult to make any proper recommendation without properly analysing the space you sit in during a transmission. I think the screwdriver antenna is the best option since the manufacturer gives safe distances as I've said above.

I hope that helps, but please be careful. Mild RF burning will cause things like stiff muscles where the tissue gets slightly cooked inside. You don't feel pain because there are no pain receptors there. With heavy RF burns, the tissue warms up deep inside then the heat is conducted to outer tissue where you feel it, let go, but the cooking and pain continues for a while like a microwave. Then over the next few days the tissue will go hard and tendons and muscles don't seem to be as flexible as they were. In my youth I've experienced this first hand.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

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RSGB DRM111 (Cornwall)

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of leekianbeng
Sent: 16 August 2009 08:39
To: FT897@yahoogroups. com
Subject: [FT897] Re: New HAM needs assistance ... :)

Hi Mark,

I am sort of in this setup though. I have my rig radio setup on a small study desk at one end of the room and the antenna bolted onto my balcony.

The distance is only around 2 meters. It is after all a balcony/window antenna.

--- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Dr Mark Vaughan" <mark@...> wrote:
>
> I think you are probably far enough away to not worry.
>

> When I get worried is someone sitting in a one roomed bedsit, rig on one
end
> of the bed, and antenna bolted to the other end. Sort of common students
or
> elderly caravan/park home situation.
>
>
>
> 73 Mark
>
>
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[mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On Behalf
Of
> willgord
> Sent: 15 August 2009 16:03
> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> Subject: FW: [FT897] Re: New HAM needs assistance ... :)
>
>
>
>
>
> Thank you for the RF for Dummies version. As things stand, I use a
> screwdriver antenna (Super Antenna) mounted on a tripod in front of a
window
> and a counterpoise (cut quarter-wave for 20 meters) hanging out the
window.
>
> The only thing I can measure is what the field strength meter shows for
the
> area around the antenna, with spot readings taken around the room and in
the

> hallway outside the room. No signs of high readings. I am assuming there
is
> little or no RF being given off by the counterpoise.
>
> For safety sake, the antenna is in the main bedroom, separated from the
rig
> by the bathroom. Two study walls, built in the 1920s, plus space inside
each
> bedroom and inside the bathroom, separate me from the antenna when I
> broadcast.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com> , "Dr Mark
> Vaughan" <mark@> wrote:
> >
> > OK will try to keep it simple.
> >
> > When measuring field strengths, you get good stable readings if you are
a
> > good distance away from the antenna - outside the near field.
> >
> > Your antenna radiates a signal as you know, this produces a magnetic
> field,
> > and an electrical field, we call them H and E fields, both of which can
> > cause harm. There is a relationship between these two which is based on
> the
> > impedance of the space, which is not constant and varies for each close
to
> > the antenna, so close to the antenna it is highly unpredictable, or very
> > complicated to predict. If you measure a low E field, the H field could
be
> > massive or vice versa. So a simple measurement of the E field in v/m
could
> > be misleading, this being why commercial measurements close to the
antenna
> > measure the power per meter cubed. (Note this is a simple analogy and
not
> > quite correct)
> >
> > When you get out of the 'near field' into 'free space' things stabilize
> and
> > the impedance of free space becomes virtually a constant, so an E field
> > measurement is useable. We usually consider we are in the near field if
we
> > are closer than one wavelength from the antenna, if you're on 160m,
that's
> > well outside your house at least well outside most people's houses.

> >
> > This also becomes relevant when hams moan a piece of electrical kit is
> > causing them interference and shouldn't be allowed on the market. Simple
> EMC
> > legal requirements need measurements to be taken above about 50MHz, but
> not
> > below because below ones laboratory has to be massive to get out of the
> near
> > field where simple useable measurements can be made.
> >
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> > we found with a local ham was NOT cataract, you are correct here, it
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> > Gordon
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> > > willgord
> > > Sent: 14 August 2009 11:15
> > > To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > > Subject: [FT897] Re: New HAM needs assistance ... :)
> > >
> > >
> > >
> > >
> > >
> > > Have tested RF with a field strength meter and not found anything
> > worrisome.
> > > More to the point, the antenna and the rig are in different rooms,
> linked
> > by
> > > around 60 feet of coax.
> > >
> > > Have never tried to go above 100 watts but dont see any safety issues
> with
> > > my present set-up.
> > >
> > > Gordon
> > > K2GLW
> > >
> > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> ,
> > > "oldmayorkd5lbe" <morriltonmayor@ > wrote:
> > > >
> > > > I didn't see if you said you are running on reduced power or not.
100
> > > watts in a small apartment would make me a more than a little nervous.
I
> > > would reread the RF Safety part of the regulations.
> > > >
> > > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> , "willgord"
> > > <willgord@> wrote:
> > > > >
> > > > > I own an 897D and live on the 14th floor of a New York City
> apartment
> > > building. Considered many options for an antenna, since I have no
> balcony,

> > > no access to the roof and can't put anything outside my window.
> > > > >
> > > > > I finally settled on a Super Antenna, which is a hand-tuned
> > screwdriver
> > > antenna. I have it mounted inside the apartment with a counterpoise,
cut
> > > quarter-wave for 20 meters hanging outside the window. Took forev er
to
> > tune
> > > the antenna but the results have exceeded my expectations. Since I
made
> my
> > > first contact at the end of February, I have worked nearly 30 states
and
> > > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > > >
> > > > > As for noise, you can reuce by playing with the IPO, DSP. As you
get
> > > more used to life on HF, your ear will get filter at filtering out
QSOs
> > from
> > > the noise.
> > > > >
> > > > > Bounce back with any questions.
> > > > >
> > > > > Gordon
> > > > > K2GLW
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> ,
> > > "leekianbeng" <leekianbeng@ > wrote:
> > > > > >
> > > > > > Hi,
> > > > > >
> > > > > > I am a new HAM. I just obtained the following :
> > > > > >
> > > > > > 1) Yaesu FT-897D
> > > > > > 2) MFJ 949E
> > > > > > 3) MFJ 1622
> > > > > >
> > > > > > Well, I live in a high-rise apartment, therefore I purchased the
> MFJ

> > > 1622.
> > > > > >
> > > > > > The problem I am having is that I am getting a lot of noise. My
> > > S-meter level, if that is correct is always around S7 to S9.
> > > > > >
> > > > > > I just keep on hearing lots of noise and I can't seem the tune
my
> > > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > > >
> > > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it
doesn't
> > > seem to help much.
> > > > > >
> > > > > > I am trying to get on 20m and 40m.
> > > > > >
> > > > > > I would appreciate any advise.
> > > > > >
> > > > > > Thanks :)
> > > > > >
> > > > > >
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
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27278. Re: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-16 13:38:23 UTC
From: Richard Corfield
Topic: 27266 Message: 27278

I'm joining this late so apologies if it's been said:

You can do a fair amount at low power. I use an outdoor antenna which helps, but I hear of people using indoor loops and similar at QRP levels and doing well with them.

- Richard (M0RJC)

[Non-text portions of this message have been removed]

27279. RE: [FT897] Re: Yaseu FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-08-15 13:55:13 UTC
From: nl1911
Topic: 27250 Message: 27279

Agreed. The FC30 is a really weak sister to the LDG897. I just wish it was more rugged.

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of nr3r15
Sent: Saturday, August 15, 2009 5:20 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Yaseu FC-30 Tuner

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "charles68252" <charles.newsome@...> wrote:
>
> hi all i have got my self a Yaseu FC-30 Tuner .But i seem not to be abel to tune any thing at all .Ihave tried to tune a long wire and whips but no joy .I have not tried it as a mobil set up has any one had any experience with the tuner
> thanks charlie
>
---

your tuner is fine. It is a very narrow tuner. You must have the antenna almost resonent and than the tuner will "touch up" or fine tune. It is not a very good tuner. I have one that I even sent back and told them it didnt work. I now use it for a book end. Do yourself a favor and if you want a nice wide band tuner that WILL tune antennas get the LDG for the 897. Much much better one. Yaesu is a great product but they fell short with the FC30. Read the eham reviews on the FC30 and also check the past posts here a lot has been discussed about it.

Larry / nr3r

[Non-text portions of this message have been removed]

27280. Re: No power on?????????????

Yahoo group: FT897 (2009)
Date: 2009-08-15 20:51:04 UTC
From: thehenge
Topic: 27221 Message: 27280

Many Thanks for the help, it's off to Castle Electronics, hope it's not to dear to be rapaired but I cant see the board never mind the components!!! I've decided how much the radio is worth to me and how much i'm willing to spend before i sell it as spares!
Again Thanks
Fred

--- In FT897@yahoogroups.com, "Alan Bowring" <alan.bowring@...> wrote:
>
> Hi again Fred,
> a couple of points I missed to check which are the HV Protect - D3006 a zener diode, to make sure in particular that it is not short circuited and Q3010 to make sure in particular that it is not shorted C-E. Any one of those will prevent the rig working.
> Out of curiosity, what was the power supply that you were using that went high voltage?
>
> Regards
> Alan
> ZL2AEB
>
>
> ----- Original Message -----
> From: fdrowlands
> To: FT897@yahoogroups.com
> Sent: 13 August, 2009 5:08 AM
> Subject: [FT897] No power on?????????????
>
>
> Radio wont switch on after power supply going overvotage! about 31 volts went up the power cable! no bangs or smoke but no switch on either! tried it on another PSU that's ok power to the radios board! but radio is dead! any ideas what damage i may have done? is there a simple cure ect??? ie onboard fuse/jumper protection!
> Many Thanks
> Fred
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27282. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-16 19:15:02 UTC
From: Dr Mark Vaughan
Topic: 27266 Message: 27282

The MFJ 1622 was designed as an apartment antenna.

I would expect you are probably reasonably OK at 2m distance, and try to put it as hi as possible, so if you can put a pole onto the balcony to get the coil above head height that would probably help, though we don't really know the vertical radiation pattern.

MFJ say though it's good for use on desks and the like, implying operators very close in to the antenna, I also hope that means they have conducted some tests close in, not to do so might open the doors to a flood of legal issues.

The instructions are a little vague, lots of legal warnings, 'serious rf burns' etc, and warnings to keep away from power lines and metal window frames, nothing regarding safe operator distances.

The danger is a difficult thing to guess, there are many things that might be dangerous yet are OK, judging the risk in issues like this is very difficult, I like to air on the safer side especially with RF that you can't see, but you can't always do that and sometimes have to work on the fringe or into the unknown. We have the safety recommendations, many people have exceeded these many times without any issue. Things like mobile phones have been allowed to break these. You'll love this one. Some mobiles can produce 60V/m close in, that's above recommended levels, but at 10cm away the level has fallen just inside safe levels, so they say that when it's against your ear, it's 10cm away from anything that could cause harm!!!. Must mean they have one brain cell in the middle, and a very big head. However we all use them, and it's rare you'll hear anyone with a problem, and that's usually psychological.

I think if I were you I would email or phone MFJ for some recommendations, as far as I'm aware people sue the hell out of each other for just about anything in the USA, so I would have thought they would have considered this issue. they should really know their antenna. If they know you are 2m away, they should be able to recommend a safe power for each band. Let us all know what they come back with.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Lee Kian Beng
Sent: 16 August 2009 14:31
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: New HAM needs assistance ... :)

Hi Mark,

Thanks.

I am using the MFJ 1622 antenna. I suppose that is a screwdriver antenna ?

Well, I guess if it is too dangerous, I may have to halt this for the time being. I have no idea how to measure the safety of this at all.

From: Dr Mark Vaughan <mark@... <mailto:mark%40vil.uk.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, August 16, 2009 6:14:43 PM
Subject: RE: [FT897] Re: New HAM needs assistance ... :)

OK

I doubt whether you can safely run anything close to 100W with most setups. Your down to the distance which is usually always considered a no go zone, unless the power is down to the sort of levels of a handy sort of 5 to 10w max. 2 meters though is massively better than 2 feet.

I haven't followed all the posts, so I'm not sure what antenna you have bolted on the balcony am hoping a screwdriver antenna is a good bet.

With these there's little radiation below the coil antenna junction, so if you can mount it so that junction is above head height you should be OK to run lots of power. Things like the Atas come with recommendations regarding safety which I believe are to keep the public quite a distance away in the order of a couple of meters I think - easy enough to look up, and you may just fit that recommendation to get away with running 100w.

I also see magnetic tuned antenna's used in small spaces, because they are small, these are the ones with a big loop and various tuning arrangements at the base to make them resonant. Most you'll find have a motor drive in the tuner, and there's one good reason for this, it's because it's too dangerous to strand in close and tune it. Without the motor it's easy to get RF burns while trying to tune, These are thus not ideal for you, unless you are perhaps side on.

Another thing you could try is trying to spread an antenna across the building and gain some gain from a bigger antenna so you spread the radiated field over a larger area. It may be possible for you to get a line up to the roof or a gutter and use that to pull a wire antenna. I've also seen wire

collinear antennas made from coax thrown down from balconies.

And the last method to help is to try and get something directional, and then not stand in front or behind it, would work well for 2m but not so easy to HF. Some 2m beams have gains that are very high and can cause harm several meters in front of them, and HF beam is usually so big you can't get in front of it.

Really you're in a very difficult situation, one I wouldn't like to be in, and one it is difficult to make any proper recommendation without properly analysing the space you sit in during a transmission. I think the screwdriver antenna is the best option since the manufacturer gives safe distances as I've said above.

I hope that helps, but please be careful. Mild RF burning will cause things like stiff muscles where the tissue gets slightly cooked inside. You don't feel pain because there are no pain receptors there. With heavy RF burns, the tissue warms up deep inside then the heat is conducted to outer tissue where you feel it, let go, but the cooking and pain continues for a while like a microwave. Then over the next few days the tissue will go hard and tendons and muscles don't seem to be as flexible as they were. In my youth I've experienced this first hand.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of leekianbeng
Sent: 16 August 2009 08:39
To: FT897@yahoogroups. com
Subject: [FT897] Re: New HAM needs assistance ... :)

Hi Mark,

I am sort of in this setup though. I have my rig radio setup on a small study desk at one end of the room and the antenna bolted onto my balcony.

The distance is only around 2 meters. It is after all a balcony/window antenna.

--- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> , "Dr Mark Vaughan" <mark@...> wrote:
>
> I think you are probably far enough away to not worry.
>
> When I get worried is someone sitting in a one roomed bedsit, rig on one end
> of the bed, and antenna bolted to the other end. Sort of common students or
> elderly caravan/park home situation.
>
>
>
> 73 Mark
>
>
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
>
> Managing Director
>
> Vaughan Industries Ltd., reg in UK no 2561068
>
> Water Care Technology Ltd, reg in UK no 4129351
>
> Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
>
> Phone/Fax 44 (0) 1872 561288
>
> RSGB DRM111 (Cornwall)
>
>
>
> From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com> [mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>] On Behalf
Of
> willgord
> Sent: 15 August 2009 16:03
> To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
> Subject: FW: [FT897] Re: New HAM needs assistance ... :)
>
>
>
>
>
> Thank you for the RF for Dummies version. As things stand, I use a
> screwdriver antenna (Super Antenna) mounted on a tripod in front of a window
> and a counterpoise (cut quarter-wave for 20 meters) hanging out the window.

>
> The only thing I can measure is what the field strength meter shows for
the
> area around the antenna, with spot readings taken around the room and in
the
> hallway outside the room. No signs of high readings. I am assuming there
is
> little or no RF being given off by the counterpoise.
>
> For safety sake, the antenna is in the main bedroom, separated from the
rig
> by the bathroom. Two study walls, built in the 1920s, plus space inside
each
> bedroom and inside the bathroom, separate me from the antenna when I
> broadcast.
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com> , "Dr Mark
> Vaughan" <mark@> wrote:
> >
> > OK will try to keep it simple.
> >
> > When measuring field strengths, you get good stable readings if you are
a
> > good distance away from the antenna - outside the near field.
> >
> > Your antenna radiates a signal as you know, this produces a magnetic
> field,
> > and an electrical field, we call them H and E fields, both of which can
> > cause harm. There is a relationship between these two which is based on
> the
> > impedance of the space, which is not constant and varies for each close
to
> > the antenna, so close to the antenna it is highly unpredictable, or very
> > complicated to predict. If you measure a low E field, the H field could
be
> > massive or vice versa. So a simple measurement of the E field in v/m
could
> > be misleading, this being why commercial measurements close to the
antenna
> > measure the power per meter cubed. (Note this is a simple analogy and
not
> > quite correct)
> >
> > When you get out of the 'near field' into 'free space' things stabilize
> and
> > the impedance of free space becomes virtually a constant, so an E field

> > measurement is useable. We usually consider we are in the near field if
we
> > are closer than one wavelength from the antenna, if you're on 160m,
that's
> > well outside your house at least well outside most people's houses.
> >
> > This also becomes relevant when hams moan a piece of electrical kit is
> > causing them interference and shouldn't be allowed on the market. Simple
> EMC
> > legal requirements need measurements to be taken above about 50MHz, but
> not
> > below because below ones laboratory has to be massive to get out of the
> near
> > field where simple useable measurements can be made.
> >
> >
> >
> > Now to the cataract bit, an my PhD isn't medical, it's comms. The
> condition
> > we found with a local ham was NOT cataract, you are correct here, it
does
> > not cure itself, but the eyes looked milky like cataract. I did not have
> the
> > opportunity to examine the ham with the problem, the milky eye, we
assume
> > the condition was tissue damage to the conjunctiva rather than cataract
> > which occurs on the lens, others that did know him at the time say it
> wasn't
> > just the lens that was milky, but the whole front of the eye. I am not
> > qualified to say really, just observe and relate for others to conclude.
> It
> > started when he used his radio close to his antenna, and went away after
> > about 6 months when he stopped using the radio, cataract won't do that
so
> > it's some other condition. The point is though that I'd rather not have
> any
> > one else suffering from it.
> >
> >
> >
> > I hope that helps.
> >
> >
> >
> > 73 Mark
> >
> >
> >
> >
> >

> > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
> >
> > Managing Director
> >
> > Vaughan Industries Ltd., reg in UK no 2561068
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> > RSGB DRM111 (Cornwall)
> >
> >
> >
> > From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> [mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>] On Behalf
> Of
> > willgord
> > Sent: 14 August 2009 23:19
> > To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> > Subject: [FT897] Re: New HAM needs assistance ... :)
> >
> >
> >
> >
> >
> > I feel called upon to make two points.
> >
> > I don't profess to be technically proficient, but I honestly was unable
to
> > make sense out of anything in your posting. My problem entirely, but if
> you
> > want to rephrase it so I can understand what you are saying about field
> > strength meters, I would truly appreciate it.
> >
> > Not a doctor either, but did ask a doctor friend and he says he knows of
> no
> > case where cataracts cured themselves without surgery. It is possible to
> > clear up post-operative cloudiness without invasive surgery, but he
> assures
> > me there is no such thing as spontaneous remission of cataracts.
> >
> > Thanks for the response.
> >
> > Gordon

> > K2GLW
> >
> > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com> , "Dr Mark
> > Vaughan" <mark@> wrote:
> > >
> > > The question would be how is that field strength meter calibrated?
> > >
> > > AND In the near field it's a pretty useless measurement.
> > >
> > >
> > >
> > > MOD sites don't use the field strength guidelines, but watts/ meter
> cubed.
> > > Instruments made by firms like RAYHAM which are very expensive. We
> usually
> > > calibrate these by putting them into a strip line cell where we have a
> > > uniform volts/meter field strength that is easy to quantify. I won
Raham
> > > meters, and calibrated isotropic field strength meters for RFI/EMC
work.
> > >
> > >
> > >
> > > Usually the best and recommended option for a ham is to use simple
> > > calculation methods, those these do not account for gain lobes on an
> > > antenna.
> > >
> > >
> > >
> > > As to the health issues, I am aware of a hams using an indoor antennas
> on
> > > 50W that went blind doing so. He moved to a small apartment and
shortly
> > > afterwards started suffering eyesight problems, his eyes appearing
milk
> > > rather like cataract. Being an enthusiastic ham he discussed his radio
> > > activity with his doctor who managed to make the possible link. The
ham
> > > stopped using the radio for 6 months and his eye site was then pretty
> much
> > > back to normal. This was a few years back, but since then I've heard
> > similar
> > > issues with eyesight and skin problems. The worst seems to be working
in
> > > close proximity to magnetic tuned loop antenna's.
> > >
> > >
> > >

> > > Since you have them in two separate rooms some distance apart you are
> > > probably OK. As an example, I run a Carolina Windom along my garden,
but
> > the
> > > neighbours house also has an extension that is a few meters from the
> > Windom.
> > > At 100watt his rear bedroom is safe, but at 400W into the antenna we
> start
> > > to hit 55 to 60 V/m which is on the high thresholds in a controlled
> > > environment, and well above the levels in uncontrolled public area
> > > environments of around 25V/m.
> > >
> > > We've done other tests with ATAS antennas mounted on the bonnet of a
> car,
> > or
> > > beside a rear window. These radiate little from the coil, but lots
from
> > the
> > > whip. Mounted on the rear edge of the bonnet, and the top of the
> steering
> > > wheel is around 50 to 60V/m. It's quite easy for a rear bumper mount
to
> be
> > > potentially damaging passengers, many don't carry passengers in the
> back,
> > > but consider the family man with children in the back, best to keep
such
> > > antennas up on the roof.
> > >
> > >
> > >
> > > Hope that helps anyone else also concerned.
> > >
> > >
> > >
> > > Dr. Mark Vaughan Ph'D., B.Eng. M0VAU
> > >
> > > Managing Director
> > >
> > > Vaughan Industries Ltd., reg in UK no 2561068
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> > >
> > > From: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > [mailto:FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>] On Behalf
> > Of
> > > willgord
> > > Sent: 14 August 2009 11:15
> > > To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > > Subject: [FT897] Re: New HAM needs assistance ... :)
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> > >
> > >
> > > Have tested RF with a field strength meter and not found anything
> > worrisome.
> > > More to the point, the antenna and the rig are in different rooms,
> linked
> > by
> > > around 60 feet of coax.
> > >
> > > Have never tried to go above 100 watts but dont see any safety issues
> with
> > > my present set-up.
> > >
> > > Gordon
> > > K2GLW
> > >
> > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> ,
> > > "oldmayorkd5lbe" <morriltonmayor@ > wrote:
> > > >
> > > > I didn't see if you said you are running on reduced power or not.
100
> > > watts in a small apartment would make me a more than a little nervous.
I
> > > would reread the RF Safety part of the regulations.
> > > >
> > > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> , "willgord"
> > > <willgord@> wrote:

> > > > >
> > > > > I own an 897D and live on the 14th floor of a New York City
> apartment
> > > building. Considered many options for an antenna, since I have no
> balcony,
> > > no access to the roof and can't put anything outside my window.
> > > > >
> > > > > I finally settled on a Super Antenna, which is a hand-tuned
> > screwdriver
> > > antenna. I have it mounted inside the apartment with a counterpoise,
cut
> > > quarter-wave for 20 meters hanging outside the window. Took forev er
to
> > tune
> > > the antenna but the results have exceeded my expectations. Since I
made
> my
> > > first contact at the end of February, I have worked nearly 30 states
and
> > > more than 40 foreign entities. Got a 5-7 from the island of Crete last
> > > night, 5-9s from England and Cuba and a 5-7 from Poland.
> > > > >
> > > > > As for noise, you can reuce by playing with the IPO, DSP. As you
get
> > > more used to life on HF, your ear will get filter at filtering out
QSOs
> > from
> > > the noise.
> > > > >
> > > > > Bounce back with any questions.
> > > > >
> > > > > Gordon
> > > > > K2GLW
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
<mailto:FT897% 40yahoogroups. com>
> <mailto:FT897% 40yahoogroups. com>
> > <mailto:FT897% 40yahoogroups. com> ,
> > > "leekianbeng" <leekianbeng@ > wrote:
> > > > >
> > > > > Hi,
> > > > >
> > > > > I am a new HAM. I just obtained the following :
> > > > >
> > > > > 1) Yaesu FT-897D

> > > > > > 2) MFJ 949E
> > > > > > 3) MFJ 1622
> > > > > >
> > > > > > Well, I live in a high-rise apartment, therefore I purchased the
> MFJ
> > > 1622.
> > > > > >
> > > > > > The problem I am having is that I am getting a lot of noise. My
> > > S-meter level, if that is correct is always around S7 to S9.
> > > > > >
> > > > > > I just keep on hearing lots of noise and I can't seem the tune
my
> > > antenna down to a SWR of less than 2:1. I am just getting 2.5:1.
> > > > > >
> > > > > > I had attached 2 counterpoise wires to the MFJ-1622 but it
doesn't
> > > seem to help much.
> > > > > >
> > > > > > I am trying to get on 20m and 40m.
> > > > > >
> > > > > > I would appreciate any advise.
> > > > > >
> > > > > > Thanks :)
> > > > > >
> > > > > >
> > > > >
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> > > [Non-text portions of this message have been removed]
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27283. Re: Yaseu FC-30 Tuner

Yahoo group: FT897 (2009)
Date: 2009-08-17 02:17:47 UTC
From: oldmayorkd5lbe
Topic: 27250 Message: 27283

If you follow the instruction in the manual to the letter it should work. Have you checked with an analyzer to see if the antenna will tune. The FC-30 has a limited rage; it will not tune a 20:1. As the party has already mentioned it is more of a finisher than what most people think of as a tuner. I would forget the idea of a fancy "tuner". Get a good antenna that just needs touching up. Tuners waste a lot of RF power. By the way most mobile antennas have limited tuning range. As far as I know there are no "G5RV" mobile antennas. If you want good mobile contacts use separate ham sticks for the different frequencies and tune them before you use them. My philosophy is that the second piece of equipment that you buy after a radio is a analyzer

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
> --- In FT897@yahoogroups.com, "charles68252" <charles.newsome@> wrote:
> >
> > hi all i have got my self a Yaseu FC-30 Tuner .But i seem not to be abel to tune any thing at all .Ihave tried to tune a long wire and whips but no joy .I have not tried it as a mobil set up has any one had any experience with the tuner
> > thanks charlie
> >
> ----------
>
> your tuner is fine. It is a very narrow tuner. You must have the antenna almost resonent and than the tuner will "touch up" or fine tune. It is not a very good tuner. I have one that I even sent back and told them it didnt work. I now use it for a book end. Do yourself a favor and if you want a nice wide band tuner that WILL tune antennas get the LDG for the 897. Much much better one. Yaesu is a great product but they fell short with the FC30. Read the eham reviews on the FC30 and also check the past posts here a lot has been discussed about it.
>
> Larry / nr3r
>

27290. Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-17 14:03:53 UTC
From: John Rabold
Topic: 27266 Message: 27290

--- In FT897@yahoogroups.com, Lee Kian Beng <leekianbeng@...> wrote:
>> ... Well, I guess if it is too dangerous, I may have to halt this for the time being. I have no idea how to measure the safety of this at all. <<

In the US, the FCC establishes Maximum Permissible Exposure guidelines for RF. Knowledge and application of these guidelines in the field is expected of US amateurs. In his license exam preparation books, Gordon West publishes a table derived from these guidelines. The table gives a minimum acceptable distance from the antenna given the transmit frequency band, peak envelope power, antenna gain, and whether the environment is "controlled" (e.g., you and your family) or "uncontrolled" (e.g., neighbors or passers-by). But the table is a worst-case scenario, as it assumes no feed-line loss and 100% duty cycle (in effect, an emission type like PSK31 transmitting all the time), so you have to adjust for reality.

The ARRL has a Web page on this subject with many links to other documents, including resources discussing RF safety outside the context of the FCC regulation:
http://www.arrl.org/news/rfsafety/

John KS6M

27291. RE: [FT897] Re: New HAM needs assistance ... :)

Yahoo group: FT897 (2009)
Date: 2009-08-17 14:27:47 UTC
From: Dr Mark Vaughan
Topic: 27266 Message: 27291

Thanks John

I knew I had seen something by the ARRL, but couldn't lay my hand on it.

At least they try to teach you guy's something over there, in the UK this important issue tends to get side stepped by the RSGB and Ofcom.

I've taken a quick glance though and it looks like if you are under 500W on 160m, you don't need to do an assessment, however 500W with an operator close to the antenna is probably going to do some harm, though at lower frequencies there are military tests which say you are OK with lots of power, and world health documents that contradict this. Doesn't bode well for a confused worried ham.

If I get chance I'll try to look it over some more this evening.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Rabold
Sent: 17 August 2009 15:04
To: FT897@yahoogroups.com
Subject: [FT897] Re: New HAM needs assistance ... :)

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , Lee Kian Beng <leekianbeng@...> wrote:
>> ... Well, I guess if it is too dangerous, I may have to halt this for the time being. I have no idea how to measure the safety of this at all. <<

In the US, the FCC establishes Maximum Permissible Exposure guidelines for RF. Knowledge and application of these guidelines in the field is expected of US amateurs. In his license exam preparation books, Gordon West publishes a table derived from these guidelines. The table gives a minimum acceptable distance from the antenna given the transmit frequency band, peak envelope power, antenna gain, and whether the environment is "controlled" (e.g., you

and your family) or "uncontrolled" (e.g., neighbors or passers-by). But the table is a worst-case scenario, as it assumes no feed-line loss and 100% duty cycle (in effect, an emission type like PSK31 transmitting all the time), so you have to adjust for reality.

The ARRL has a Web page on this subject with many links to other documents, including resources discussing RF safety outside the context of the FCC regulation:
http://www.arrl.org/news/rfsafety/

John KS6M

[Non-text portions of this message have been removed]

27313. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-08-18 12:39:20 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27313

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /FT-897d Transverter Switch.docx
Uploaded by : rexle5ter <rexle5ter@...>
Description : Simple transverter switching for the FT-897

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/FT-897d%20Transverter%20Switch.docx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

rexle5ter <rexle5ter@...>

27314. Re: New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-08-18 13:00:11 UTC
From: Rex Lester - G8UBJ
Topic: 22 Message: 27314

All I deleted this file as I saved it in a non compatible format. I replaced it with a more compatible (.doc) format.
73 Rex - G8UBJ

--- In FT897@yahoogroups.com, FT897@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the FT897
> group.
>
> File : /FT-897d Transverter Switch.docx
> Uploaded by : rexle5ter <rexle5ter@...>
> Description : Simple transverter switching for the FT-897
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/FT897/files/FT-897d%20Transverter%20Switch.docx
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles
>
> Regards,
>
> rexle5ter <rexle5ter@...>
>

27324. MODERATOR MESSAGE: Marine Use

Yahoo group: FT897 (2009)
Date: 2009-08-18 18:12:28 UTC
From: w4wb
Topic: 27324 Message: 27324

Folks,

This thread is to be terminated. Discussions are to be upon the legal usage of the FT-897/D. To be clear, this radio and others for amateur usage are not type certified for marine or commercial usage.

73 de Barry W4WB
Moderator

27325. Re: [FT897] Yaesu FT857/897 reliability

Yahoo group: FT897 (2009)
Date: 2009-08-13 14:45:51 UTC
From: Thomas Wilson
Topic: 27223 Message: 27325

I don't know about the rest, but I do know that the squelch can still
flicker. On a couple of 2M frequencies, I still get a nasty bounce on
the squelch...I have to turn it up higher than I should, making it
likely I'd miss weaker calls.

On Thu, Aug 13, 2009 at 2:38 AM, DavidN<david@...> wrote:
>
>
> I'd also like to know if the mods are still needed on this following page -
> the link for them is at the bottom (a pdf file and called *modification
> collection*):
>
> http://www.rigpix.com/yaesu/ft897.htm
>
> This pdf file is five years old now, so does anyone know if Yaesu have
> incorporated these mods into the latest model 897D?
>
> David G4TUP.
>
> On Thu, Aug 13, 2009 at 5:04 AM, Thomas Wilson <wilsontp@...> wrote:
>
>>
>>
>> oh, there are still some bugs....
>>
>> 1. When your antenna is too close to the radio on CW, RF can blow out the
>> keyer.
>> 2. Switching channels while in "REV" (listening to the repeater input)
>> will reset the current memory cell.
>> 3. I found another bug involving manually entering a frequency while
>> in MR mode. It also reset the current memory cell.
>>
>> That's just on my 897D... I'm sure other people have found other
>> undocumented behaviors. :-)
>>
>>
>> On Wed, Aug 12, 2009 at 1:04 PM, John
>> Geiger<aa5jg@...<aa5jg%40yahoo.com>>
>> wrote:
>> >
>> >
>> > Have the current crop of Yaesu FT897D and FT857D (within the last 2
>> > years
>> or
>> > so) had all of the problems worked out of them? I know some of the early

>> > models had problems with RF feedback changing the hidden menus, and an
>> > incorrect bias affecting 6m audio, things like that. Have these been
>> fixed?
>> > Are there any other recurring problems showing up in these radios-or
>> other
>> > things that affect the reliability of them?
>> >
>> > 73s John AA5JG
>> >
>> >
>>
>> --
>> Tom Wilson
>> wilsontp@... <wilsontp%40gmail.com>
>> (619)342-1391
>> KI6ABZ
>>
>>
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@gmail.com
(619)342-1391
KI6ABZ

27326. Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 14:15:19 UTC
From: kc7qhc1
Topic: 27326 Message: 27326

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

27327. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 18:26:54 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27327

from www.dxlabsuite.com -- the Commander transceiver control application.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of kc7qhc1
Sent: Tuesday, August 18, 2009 10:15 AM
To: FT897@yahoogroups.com
Subject: [FT897] Soft ware

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

[Non-text portions of this message have been removed]

27328. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 18:37:06 UTC
From: Chris Baker
Topic: 27326 Message: 27328

A good programme for using your PC with the rig is Ham radio deluxe.

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@GB7MBC.net

--- On Tue, 18/8/09, kc7qhc1 <kc7qhc1@...> wrote:

From: kc7qhc1 <kc7qhc1@...>
Subject: [FT897] Soft ware
To: FT897@yahoogroups.com
Date: Tuesday, 18 August, 2009, 3:15 PM

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

[Non-text portions of this message have been removed]

27329. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 19:40:22 UTC
From: D. F.
Topic: 27326 Message: 27329

Yes it is, but he want PROGRAMMING not rig control. FTBASICMMO is a good one, although you can download it, you must purchase it. For the money, it works quite well.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Chris Baker
Sent: Tuesday, August 18, 2009 13:37
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

A good programme for using your PC with the rig is Ham radio deluxe.

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@GB7MBC. <mailto:G4LDS%40GB7MBC.net> net

--- On Tue, 18/8/09, kc7qhc1 <kc7qhc1@yahoo.
<mailto:kc7qhc1%40yahoo.com> com> wrote:

From: kc7qhc1 <kc7qhc1@yahoo. <mailto:kc7qhc1%40yahoo.com> com>
Subject: [FT897] Soft ware
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Date: Tuesday, 18 August, 2009, 3:15 PM

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27330. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 20:08:42 UTC
From: Chris Baker
Topic: 27326 Message: 27330

My error, didnt know you can programme the software and download back into the rig.
Learnt something today thats cos its a great hobby
Chris

--- On Tue, 18/8/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@yahoo.com>
Subject: RE: [FT897] Soft ware
To: FT897@yahoogroups.com
Date: Tuesday, 18 August, 2009, 8:40 PM

Yes it is, but he want PROGRAMMING not rig control. FTBASICMMO is a good
one, although you can download it, you must purchase it. For the money,
it works quite well.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Chris Baker
Sent: Tuesday, August 18, 2009 13:37
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

A good programme for using your PC with the rig is Ham radio deluxe.

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@GB7MBC. <mailto:G4LDS% 40GB7MBC. net> net

--- On Tue, 18/8/09, kc7qhc1 <kc7qhc1@yahoo.
<mailto:kc7qhc1% 40yahoo.com> com> wrote:

From: kc7qhc1 <kc7qhc1@yahoo. <mailto:kc7qhc1% 40yahoo.com> com>
Subject: [FT897] Soft ware
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Date: Tuesday, 18 August, 2009, 3:15 PM

Hi folks I just got the radio and just wondering if their is a site wher
I can down load soft ware to put freg from my pc to the rig on 2m and 70

cm I have the cat cable thanks for your help.
Mark kc7qhc

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[Non-text portions of this message have been removed]

27331. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 20:33:23 UTC
From: Darren S
Topic: 27326 Message: 27331

From: Chris Baker <honywood@...>
To: FT897@yahoogroups.com
Sent: Tuesday, 18 August, 2009 21:08:42
Subject: RE: [FT897] Soft ware

My error, didnt know you can programme the software and download back into the rig.
Learnt something today thats cos its a great hobby
Chris

--- On Tue, 18/8/09, D. F. <n8bmb1@yahoo. com> wrote:

From: D. F. <n8bmb1@yahoo. com>
Subject: RE: [FT897] Soft ware
To: FT897@yahoogroups. com
Date: Tuesday, 18 August, 2009, 8:40 PM

Yes it is, but he want PROGRAMMING not rig control. FTBASICMMO is a good
one, although you can download it, you must purchase it. For the money,
it works quite well.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of
Chris Baker
Sent: Tuesday, August 18, 2009 13:37
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

A good programme for using your PC with the rig is Ham radio deluxe.

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@GB7MBC. <mailto:G4LDS% 40GB7MBC. net> net

--- On Tue, 18/8/09, kc7qhc1 <kc7qhc1@yahoo.
<mailto:kc7qhc1% 40yahoo.com> com> wrote:

From: kc7qhc1 <kc7qhc1@yahoo. <mailto:kc7qhc1% 40yahoo.com> com>
Subject: [FT897] Soft ware
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Date: Tuesday, 18 August, 2009, 3:15 PM

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

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27335. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-18 21:16:37 UTC
From: fred t. forbush
Topic: 27274 Message: 27335

--- In FT897@yahoogroups.com, "kc9ipv" <mike@...> wrote:
>
> Anyone have any issues charging one battery while using the other?
>
> On the 17 meter band the OEM charger gives me a S7 to S8 noise level making the band useless while charging. Does anyone else have this problem?
>
> I had a friend with a W4RT charger try it and he has no noise.
>
> Mike KC9IPV

Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
Fred
k6kub
>

27340. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-18 22:12:37 UTC
From: k5btk
Topic: 27274 Message: 27340

Yes! My Yaesu battery charger kicks up a lot of hash across most of the HF spectrum. Some bands are noisier than others. Twenty meters (my favorite band) becomes unusable on my regular station when I'm recharging a battery.
BUT - at times the noise can be handy. When the batteries get a few years on them, they don't seem to like to take a full recharge on the first attempt. The charging process terminates sometimes after only a few minutes. Allowing the battery to "rest" a few minutes and then reconnecting it to the charger will resume the charge. I sometimes have to do this several times to fully recharge the battery. The problem is KNOWING when the process has terminated each time so that I can keep up with the CUMULATIVE charging time. Rather than sitting there looking at the charger so I'll know when the red charging light goes off, I tune the station receiver to 20 meters and turn up the volume level so that I can hear it two rooms away where I'm reading. When the noise level suddenly drops, it catches my attention and I write down the time at which the charger switched off. I wait 20 minutes or so and start again.
Of course after doing this for a while you get tired of the hassle and shell out the $$$ for a new battery! ...Don (K5BTK)

27343. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-19 01:03:24 UTC
From: kc9ipv
Topic: 27274 Message: 27343

Thanks for the reply Don. It's a hassle for me since I use mine portable and would like to charge one with a solar panel while using the other. The documentation even states you can do that! My guess they didn't test it. I have a friend with the w4rt charger and he doesn't have that problem. I emailed yaesu and they told me to put RFI beads on the line. After putting 6 on there it helped but its not gone.

27344. MODERATOR MESSAGE: Marine Use - MEMBERS PLEASE READ

Yahoo group: FT897 (2009)
Date: 2009-08-19 01:31:19 UTC
From: w4wb
Topic: 27344 Message: 27344

Folks,

Stop this thread means just that, stop. Kindly get on the topic this forum is intended as stated in the Guidelines. See prior message below.

73 de Barry W4WB
Moderator

****

Folks,

This thread is to be terminated. Discussions are to be upon the legal usage of the FT-897/D. To be clear, this radio and others for amateur usage are not type certified for marine or commercial usage.

73 de Barry W4WB
Moderator

27345. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 19:20:28 UTC
From: Thomas Wilson
Topic: 27326 Message: 27345

To program your rig, rather than just remote-control it, you need something like this: http://www.g4hfq.co.uk/ftbasic.html

It's $15, but well worth it. I don't know of any freeware apps for programming the 897 (or any of Yaesu's other base/mobile rigs, for that matter.)

Also, none of the remote-control apps that I've found can do things like set the PL tone or repeater offset. They're pretty useless for anything but HF work. That's not the fault of the app developers; the problem is that the FT-897 just doesn't have CAT commands to change those settings. There's not even a documented CAT command for selecting a memory entry.

Ham Radio Deluxe comes the closest to full control: it uses undocumented CAT commands to write many of the settings; it can control power levels, but it still can't really be used for repeater work. You'll need to store repeater channels in memory with FTBasic if you're going to work them. (HRD works great for HF, though. I love being able to quickly set the power levels and run the radio from the larger control surface of my computer monitor.)

> From: kc7qhc1 <kc7qhc1@...>
> Subject: [FT897] Soft ware
> To: FT897@yahoogroups.com
> Date: Tuesday, 18 August, 2009, 3:15 PM
>
> Hi folks I just got the radio and just wondering if their is a site wher I
> can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I
> have the cat cable thanks for your help.
> Mark kc7qhc
>
--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27346. SV: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-18 19:13:19 UTC
From: Tee
Topic: 27326 Message: 27346

Ham Radio DeLuxe is probably the best software there is. It is also a good program for logging and PSK and more.

73 de LA1SSA, Tore

_____

Fra: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] På vegne av kc7qhc1
Sendt: 18. august 2009 16:15
Til: FT897@yahoogroups.com
Emne: [FT897] Soft ware

Hi folks I just got the radio and just wondering if their is a site wher I can down load soft ware to put freg from my pc to the rig on 2m and 70 cm I have the cat cable thanks for your help.
Mark kc7qhc

[Non-text portions of this message have been removed]

27347. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 02:35:20 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27347

Be aware that those undocumented commands -- like setting RF output level -- require writing to the FT-897's EEPROM. There are two problems with this: EEPROM locations can only be written a finite number of times before they literally wear out (I don't have the part # for the EEPROM used by Yaesu and so don't know what that limit is), and a data error can generate a write to the wrong EEPROM address, which can convert your FT-897 to a paperweight. The discovery of undocumented commands for the FT-817 was accomplished by Clint KA7OEI; see

<http://www.ka7oei.com/ft817_meow.html>

These commands are also available on the FT-857 and FT897. To quote Clint,

"Command BC - Write EEPROM Data: ... Note that careless use of this command can cause the FT-817's CPU to crash and/or cause a complete wipe of all EEPROM data including configuration, software calibration/alignment, and memories - the effect being similar to that of the "Reset to Factory Defaults" command (below!) If you insist on using this command without first recording the 76 "soft calibration" settings and noting what is in your radio's memories, you are an idiot! (Am I clear on this point?)"

Commander, the transceiver control component of the freeware DXLab Suite, provides sliders that can be configured to control the FT-897's power output and other settings by generating CAT commands that write to the transceiver's EEPROM -- but I recommend against doing this.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Thomas Wilson
Sent: Tuesday, August 18, 2009 3:20 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

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It's $15, but well worth it. I don't know of any freeware apps for programming the 897 (or any of Yaesu's other base/mobile rigs, for that matter.)

Also, none of the remote-control apps that I've found can do things like set the PL tone or repeater offset. They're pretty useless for anything but HF work. That's not the fault of the app developers; the

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> Mark kc7qhc
>
--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

[Non-text portions of this message have been removed]

27348. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 03:01:29 UTC
From: D. F.
Topic: 27326 Message: 27348

HE WANTS PROGRAMMING SOFTWARE - NOT RIG CONTROL!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Tee
Sent: Tuesday, August 18, 2009 14:13
To: FT897@yahoogroups.com
Subject: SV: [FT897] Soft ware

Ham Radio DeLuxe is probably the best software there is. It is also a
good
program for logging and PSK and more.

73 de LA1SSA, Tore

Fra: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
[mailto:FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com] På
vegne av
kc7qhc1
Sendt: 18. august 2009 16:15
Til: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Emne: [FT897] Soft ware

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cm I
have the cat cable thanks for your help.
Mark kc7qhc

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27349. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 03:05:25 UTC
From: Mark Kliewer
Topic: 27326 Message: 27349

yea you can buy the software from hro the cost is 50 or 60 bucks comes with the cable I dont need the cable just the soft ware it will make life easy to program th 2 m side
kc7qhcMark

--- On Tue, 8/18/09, Chris Baker <honywood@...> wrote:

From: Chris Baker <honywood@...>
Subject: RE: [FT897] Soft ware
To: FT897@yahoogroups.com
Date: Tuesday, August 18, 2009, 2:08 PM

My error, didnt know you can programme the software and download back into the rig.
Learnt something today thats cos its a great hobby
Chris

--- On Tue, 18/8/09, D. F. <n8bmb1@yahoo. com> wrote:

From: D. F. <n8bmb1@yahoo. com>
Subject: RE: [FT897] Soft ware
To: FT897@yahoogroups. com
Date: Tuesday, 18 August, 2009, 8:40 PM

Yes it is, but he want PROGRAMMING not rig control. FTBASICMMO is a good
one, although you can download it, you must purchase it. For the money,
it works quite well.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of
Chris Baker
Sent: Tuesday, August 18, 2009 13:37
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

A good programme for using your PC with the rig is Ham radio deluxe.

Thanks

Chris G4LDS

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@GB7MBC. <mailto:G4LDS% 40GB7MBC. net> net

--- On Tue, 18/8/09, kc7qhc1 <kc7qhc1@yahoo.
<mailto:kc7qhc1% 40yahoo.com> com> wrote:

From: kc7qhc1 <kc7qhc1@yahoo. <mailto:kc7qhc1% 40yahoo.com> com>
Subject: [FT897] Soft ware
To: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Date: Tuesday, 18 August, 2009, 3:15 PM

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27350. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 03:11:10 UTC
From: Mark Kliewer
Topic: 27326 Message: 27350

Thank you so much thats what I was looking for its a new radio and its hard to program on 2 mm and takes lots and lots of time this was my first post so I did not word it right thanks again Mark kc7qhc

--- On Tue, 8/18/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] Soft ware
To: FT897@yahoogroups.com
Date: Tuesday, August 18, 2009, 9:01 PM

HE WANTS PROGRAMMING SOFTWARE - NOT RIG CONTROL!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Tee
Sent: Tuesday, August 18, 2009 14:13
To: FT897@yahoogroups. com
Subject: SV: [FT897] Soft ware

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73 de LA1SSA, Tore

_____

Fra: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
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vegne av
kc7qhc1
Sendt: 18. august 2009 16:15
Til: FT897@yahoogroups. <mailto:FT897% 40yahoogroups. com> com
Emne: [FT897] Soft ware

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have the cat cable thanks for your help.
Mark kc7qhc

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[Non-text portions of this message have been removed]

27351. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 10:46:45 UTC
From: Darren S
Topic: 27326 Message: 27351

Don't worry. I'm not an idiot. One of the first tools I am writing is a tool to backup the calibration settings and memories.

One thing that you didn't mention about command BC is that it writes two bytes and not one so the best stratagy is to read two bytes into memory starting at the one you want to change, alter the one you want to change then write the memories back. that way you have little risk of writing a zero into something critical.
also back up what you read.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 19 August, 2009 3:35:20
Subject: RE: [FT897] Soft ware

Be aware that those undocumented commands -- like setting RF output level -- require writing to the FT-897's EEPROM. There are two problems with this: EEPROM locations can only be written a finite number of times before they literally wear out (I don't have the part # for the EEPROM used by Yaesu and so don't know what that limit is), and a data error can generate a write to the wrong EEPROM address, which can convert your FT-897 to a paperweight. The discovery of undocumented commands for the FT-817 was accomplished by Clint KA7OEI; see

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These commands are also available on the FT-857 and FT897. To quote Clint,

"Command BC - Write EEPROM Data: ... Note that careless use of this command can cause the FT-817's CPU to crash and/or cause a complete wipe of all EEPROM data including configuration, software calibration/ alignment, and memories - the effect being similar to that of the "Reset to Factory Defaults" command (below!) If you insist on using this command without first recording the 76 "soft calibration" settings and noting what is in your radio's memories, you are an idiot! (Am I clear on this point?)"

Commander, the transceiver control component of the freeware DXLab Suite, provides sliders that can be configured to control the FT-897's power output and other settings by generating CAT commands that write to the transceiver' s EEPROM -- but I recommend against doing this.

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-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of

Thomas Wilson
Sent: Tuesday, August 18, 2009 3:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

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> To: FT897@yahoogroups. com
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Tom Wilson
wilsontp@gmail. com
(619)212-6311
KI6ABZ

[Non-text portions of this message have been removed]

Send instant messages to your online friends http://uk.messenger.yahoo.com

[Non-text portions of this message have been removed]

27352. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-19 11:24:32 UTC
From: kc9ipv
Topic: 27274 Message: 27352

Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.

mike
kc9ipv

> Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
> I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> Fred
> k6kub
> >
>

27353. Re: [FT897] Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-19 11:31:11 UTC
From: Dean Nash
Topic: 27274 Message: 27353

Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.

73 de N4SHD

From: kc9ipv <mike@...>
To: FT897@yahoogroups.com
Sent: Wednesday, August 19, 2009 7:24:32 AM
Subject: [FT897] Re: Noise from OEM Battery charger

Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.

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> Fred
> k6kub
> >
>

[Non-text portions of this message have been removed]

27354. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-19 15:30:09 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27354

The "idiot" appellation was Clint's,not mine.

The risk to users comes not from incorrect programming in the CAT application, but rather from a serial port glitch (e.g. from RFI) that transforms a correct EEPROM address into an incorrect EEPROM address -- converting a write operation that updates the RF power output level to one that bricks the transceiver, for example. Its true that any valid CAT instruction could be corrupted into one that renders the transceiver unusable, but the odds of this happening are significantly greater when CAT commands that write to the EEPROM are frequently used.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Darren S
Sent: Wednesday, August 19, 2009 6:47 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

Don't worry. I'm not an idiot. One of the first tools I am writing is a tool to backup the calibration settings and memories.

One thing that you didn't mention about command BC is that it writes two bytes and not one so the best stratagy is to read two bytes into memory starting at the one you want to change, alter the one you want to change then write the memories back. that way you have little risk of writing a zero into something critical.
also back up what you read.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 19 August, 2009 3:35:20
Subject: RE: [FT897] Soft ware

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<http://www.ka7oei. com/ft817_ meow.html>

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Dave, AA6YQ

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From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of Thomas Wilson
Sent: Tuesday, August 18, 2009 3:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

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> Subject: [FT897] Soft ware
> To: FT897@yahoogroups. com
> Date: Tuesday, 18 August, 2009, 3:15 PM

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Tom Wilson
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[Non-text portions of this message have been removed]

Send instant messages to your online friends http://uk.messenger.yahoo.com

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27356. Unwidebanding in software

Yahoo group: FT897 (2009)
Date: 2009-08-19 20:27:50 UTC
From: Richard Corfield
Topic: 27356 Message: 27356

I pulled down the copy of ft.cpp which someone posted here. This has a CAT command to read the EEPROM at addresses 4 and 5, also to write it. I've ported the read part of this to Linux (an interesting exercise in both C and C++. My 'native' language is Java which would have been easier for me and maybe more useful) and have the response

CAT Command 00 04 00 00 BB
Response byte 0: 70
Response byte 1: 06

(all numbers in hex).

The question is what these values should be. Also whether the code is of use to anyone else. It should be reasonably POSIX complient though it is a while since I've done C or C++.

Thanks
- Richard

[Non-text portions of this message have been removed]

27360. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-20 00:35:40 UTC
From: kc9ipv
Topic: 27274 Message: 27360

That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.

I opened up the CD-24 this evening and put it on the scope and was amazed at just how dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?

mike
kc9ipv

--- In FT897@yahoogroups.com, Dean Nash <n4shd@...> wrote:
>
> Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
>
>
> 73 de N4SHD
>
>
>
>
> _____
> From: kc9ipv <mike@...>
> To: FT897@yahoogroups.com
> Sent: Wednesday, August 19, 2009 7:24:32 AM
> Subject: [FT897] Re: Noise from OEM Battery charger
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>
> Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.
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> mike
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> > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
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> > Fred
> > k6kub
> > >

> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27361. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 01:52:53 UTC
From: Darren S
Topic: 27326 Message: 27361

You do not get idiotic people, just idiotic decisions. :)

On a website I saw that each memory location in an eeprom can be written to about a million times. The chance of doing that in the lifetime is remote. it's more likely that the 897 will wear out before its eeprom does. I know somebody who bricked his 70cm by poking a 0 in the wrong place and it made 70cm deaf. That was fixed with a sig gen and a tap into the service menus and contrary to some beleif, doing a factory reset does not affect the service menu settings.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 19 August, 2009 16:30:09
Subject: RE: [FT897] Soft ware

The "idiot" appellation was Clint's,not mine.

The risk to users comes not from incorrect programming in the CAT
application, but rather from a serial port glitch (e.g. from RFI) that
transforms a correct EEPROM address into an incorrect EEPROM address --
converting a write operation that updates the RF power output level to one
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From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of
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To: FT897@yahoogroups. com
Sent: Wednesday, 19 August, 2009 3:35:20
Subject: RE: [FT897] Soft ware

Be aware that those undocumented commands -- like setting RF output level --
require writing to the FT-897's EEPROM. There are two problems with this:
EEPROM locations can only be written a finite number of times before they
literally wear out (I don't have the part # for the EEPROM used by Yaesu and
so don't know what that limit is), and a data error can generate a write to
the wrong EEPROM address, which can convert your FT-897 to a paperweight.
The discovery of undocumented commands for the FT-817 was accomplished by
Clint KA7OEI; see

<http://www.ka7oei. com/ft817_ meow.html>

These commands are also available on the FT-857 and FT897. To quote Clint,

"Command BC - Write EEPROM Data: ... Note that careless use of this command
can cause the FT-817's CPU to crash and/or cause a complete wipe of all
EEPROM data including configuration, software calibration/ alignment, and
memories - the effect being similar to that of the "Reset to Factory
Defaults" command (below!) If you insist on using this command without
first recording the 76 "soft calibration" settings and noting what is in
your radio's memories, you are an idiot! (Am I clear on this point?)"

Commander, the transceiver control component of the freeware DXLab Suite,
provides sliders that can be configured to control the FT-897's power output
and other settings by generating CAT commands that write to the
transceiver' s EEPROM -- but I recommend against doing this.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of
Thomas Wilson
Sent: Tuesday, August 18, 2009 3:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Soft ware

To program your rig, rather than just remote-control it, you need
something like this: http://www.g4hfq. co.uk/ftbasic. html

It's $15, but well worth it. I don't know of any freeware apps for
programming the 897 (or any of Yaesu's other base/mobile rigs, for
that matter.)

Also, none of the remote-control apps that I've found can do things
like set the PL tone or repeater offset. They're pretty useless for
anything but HF work. That's not the fault of the app developers; the
problem is that the FT-897 just doesn't have CAT commands to change

those settings. There's not even a documented CAT command for
selecting a memory entry.

Ham Radio Deluxe comes the closest to full control: it uses
undocumented CAT commands to write many of the settings; it can
control power levels, but it still can't really be used for repeater
work. You'll need to store repeater channels in memory with FTBasic if
you're going to work them. (HRD works great for HF, though. I love
being able to quickly set the power levels and run the radio from the
larger control surface of my computer monitor.)

> From: kc7qhc1 <kc7qhc1@yahoo. com>
> Subject: [FT897] Soft ware
> To: FT897@yahoogroups. com
> Date: Tuesday, 18 August, 2009, 3:15 PM
>
> Hi folks I just got the radio and just wondering if their is a site wher I
> can down load soft ware to put freg from my pc to the rig on 2m and 70 cm
I
> have the cat cable thanks for your help.
> Mark kc7qhc
>
--
Tom Wilson
wilsontp@gmail. com
(619)212-6311
KI6ABZ

[Non-text portions of this message have been removed]

Send instant messages to your online friends http://uk.messenger .yahoo.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27362. MODERATOR MESSAGE: Please Read - Extend Tx range to cover 3.5 to 30 MHz

Yahoo group: FT897 (2009)
Date: 2009-08-20 02:07:16 UTC
From: w4wb
Topic: 27362 Message: 27362

Folks,

I repeat that the FT-897 is not type certified for non-amateur bands operation (MARS/CAP exception). Discussion of using the FT-897 as a backup or alternative to commercial gear is not appropriate on this forum. If you don't understand what this means, please recall that amateur radio is the experimental radio service of the Government (in the USA anyway). Consequently, the performance requirements of amateur radios are often inferior (because we are experimental) to commercial radios, and amateur radios can cause undesired interference on the commercial channels.

Please do not bring up this subject again.

Tnx es 73 de Barry W4WB
Moderator

27363. Re: [FT897] Unwidebanding in software

Yahoo group: FT897 (2009)
Date: 2009-08-20 02:10:30 UTC
From: Darren S
Topic: 27356 Message: 27363

Those codes are country codes i think. Notice that changing them changes your ARS.
I thought a hard reset resets them but I just did one and it didn't

---
From: Richard Corfield <richard.corfield@...>
To: FT897@yahoogroups.com
Sent: Wednesday, 19 August, 2009 21:27:50
Subject: [FT897] Unwidebanding in software

I pulled down the copy of ft.cpp which someone posted here. This has a CAT
command to read the EEPROM at addresses 4 and 5, also to write it. I've
ported the read part of this to Linux (an interesting exercise in both C and
C++. My 'native' language is Java which would have been easier for me and
maybe more useful) and have the response

CAT Command 00 04 00 00 BB
Response byte 0: 70
Response byte 1: 06

(all numbers in hex).

The question is what these values should be. Also whether the code is of use
to anyone else. It should be reasonably POSIX complient though it is a while
since I've done C or C++.

Thanks
- Richard

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27364. Re: Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 02:42:03 UTC
From: w1aex
Topic: 27326 Message: 27364

You might want to try the utility (modify.zip) that is in the files section of this group. It allows you to save all the unique service menu settings for your 857/897 to a small file on your PC. Should the unique settings in your radio become corrupt somehow, you can easily restore the original factory settings by uploading the service menu configuration that you saved in the file. It works like a charm.

Rob W1AEX

--- In FT897@yahoogroups.com, Darren S <Darrenls21@...> wrote:
>
> Don't worry. I'm not an idiot. One of the first tools I am writing is a tool to backup the calibration settings and memories.
>

27367. Re: [FT897] Re: Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 04:43:52 UTC
From: Darren S
Topic: 27326 Message: 27367

The truth or lack of it that the sun orbits the earth has no relevence to the one that the eeprom can be written to a million times. It certainly does not disprove it. If it's all the same to you,you carry on beleiving the eeprom will pop any day now and I'l carry on beleiving it wont.

From: w1aex <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Thursday, 20 August, 2009 3:42:03
Subject: [FT897] Re: Soft ware

You might want to try the utility (modify.zip) that is in the files section of this group. It allows you to save all the unique service menu settings for your 857/897 to a small file on your PC. Should the unique settings in your radio become corrupt somehow, you can easily restore the original factory settings by uploading the service menu configuration that you saved in the file. It works like a charm.

Rob W1AEX

--- In FT897@yahoogroups. com, Darren S <Darrenls21@ ...> wrote:
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> Don't worry. I'm not an idiot. One of the first tools I am writing is a tool to backup the calibration settings and memories.
>

[Non-text portions of this message have been removed]

27368. Re: [FT897] Re: Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 06:26:55 UTC
From: Richard Corfield
Topic: 27326 Message: 27368

When you look at PIC microcontrollers you see that there are two types of EEPROM in the package. The main program area does have limited write cycles, but it is still a huge number. If you use a single PIC for prototyping you will eventually wear it out. The area used for runtime configuration can withstand a lot more use and is highly unlikely to wear out .

Looking around the PIC 16F873 will expect to give 100,000 write cycles for its program memory and 1,000,000 cycles to its data EEPROM. I think some may do better now.

There is no parity or error checking on the CAT interface. There are just lots of stop bits. I've found it reliable so far. I've only been using it for normal operation, frequency checking and such. You'd not be transmitting while running any code to change the EEPROM which should reduce the chance of interference. It does sound a little scary though.

- Richard

2009/8/20 Darren S <Darrenls21@...>

>
>
> The truth or lack of it that the sun orbits the earth has no relevence
> to the one that the eeprom can be written to a million times. It
> certainly does not disprove it. If it's all the same to you,you carry
> on beleiving the eeprom will pop any day now and I'l carry on beleiving
> it wont.
>
> _____
> From: w1aex <w1aex.fn31@... <w1aex.fn31%40gmail.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Thursday, 20 August, 2009 3:42:03
> Subject: [FT897] Re: Soft ware
>
>
> You might want to try the utility (modify.zip) that is in the files section
> of this group. It allows you to save all the unique service menu settings
> for your 857/897 to a small file on your PC. Should the unique settings in
> your radio become corrupt somehow, you can easily restore the original
> factory settings by uploading the service menu configuration that you saved
> in the file. It works like a charm.
>
> Rob W1AEX
>
> --- In FT897@yahoogroups. com, Darren S <Darrenls21@ ...> wrote:
> >

> > Don't worry. I'm not an idiot. One of the first tools I am writing is a
> tool to backup the calibration settings and memories.
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27372. AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-20 09:55:16 UTC
From: DavidN
Topic: 27372 Message: 27372

I've quite recently purchased an FT-897 and am just looking through DG2IAQ's list of mods, dated Dec.2004.

He mentions the slow AGC is too fast. Myself, I find it OK, but just wondered if anyone had thought the same but had tried the mod anyway (you just add a 10uF capacitor). If so, I'd be interested in their constructive views on the mod....

David G4TUP.

[Non-text portions of this message have been removed]

27373. RE: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-20 10:18:47 UTC
From: Dr Mark Vaughan
Topic: 27372 Message: 27373

I think there's an AGC mod, and a Squelch Mod, been a while since I looked.

I have both on my 857D and they make a lot of difference when driving as signals vary massively.

The squelch mod really helps, otherwise on 2m it patters in and out as you drive down the road making the XYL complain. A DSP speaker also makes a lot of difference, silencing the background noise if your HF mobile as well as silencing the XYL complaints.

I think GG2IAQ uses a 4.7uF cap for one, and 10uF cap for the other. I've used 10uF for both which seems good, and a lot better than what Yaesu had.

There's another audio mod he also recommends which I think was part of the speak processor circuits, but Yaesu must have read his notes and have reworked that section.

Be careful though, it is rather tight getting to the area to solder these in, with lots of fine smt bits around, several people have caused more harm than good.

73 Mark

PS waiting for any legal arguments

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DavidN
Sent: 20 August 2009 10:55
To: FT897@yahoogroups.com
Subject: [FT897] AGC mod to FT-897 - anyone done it?

I've quite recently purchased an FT-897 and am just looking through DG2IAQ's list of mods, dated Dec.2004.

He mentions the slow AGC is too fast. Myself, I find it OK, but just wondered if anyone had thought the same but had tried the mod anyway (you just add a 10uF capacitor). If so, I'd be interested in their constructive views on the mod....

David G4TUP.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27374. RE: [FT897] Re: Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 11:03:29 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27374

Evidently, you failed to recognize that the message to which you responded below was private rather than public - so I'll provide the context for your response:

The fact that you found a reference on "some web site:" that "some eeprom" was capable of a million writes provides zero assurance to you on any other FT-817/857/897 owner who runs software that uses undocumented instructions that write to the transceiver's eeprom. Web sites are full of random assertions, some of which are true, and some of which are ludicrously false. Since we don't have access to the software that runs on the processor embedded within these transceivers, we don't know that this software doesn't itself write to various eeprom locations. Since the CAT instruction to write an eeprom location is undocumented, Yaesu engineers might have assumed that they had all of the eeprom's lifetime write budget at their disposal.

There are no grounds for believing that your eeprom with will "pop any day now". More importantly, there are no grounds for believing that it won't.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Darren S
Sent: Thursday, August 20, 2009 12:44 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: Soft ware

The truth or lack of it that the sun orbits the earth has no relevence to the one that the eeprom can be written to a million times. It certainly does not disprove it. If it's all the same to you,you carry on beleiving the eeprom will pop any day now and I'l carry on beleiving it wont.

From: w1aex <w1aex.fn31@...>
To: FT897@yahoogroups.com
Sent: Thursday, 20 August, 2009 3:42:03
Subject: [FT897] Re: Soft ware

You might want to try the utility (modify.zip) that is in the files section of this group. It allows you to save all the unique service menu settings for your 857/897 to a small file on your PC. Should the unique settings in your radio become corrupt somehow, you can easily restore the original factory settings by uploading the service menu configuration that you saved in the file. It works like a charm.

Rob W1AEX

--- In FT897@yahoogroups. com, Darren S <Darrenls21@ ...> wrote:
>
> Don't worry. I'm not an idiot. One of the first tools I am writing is a tool to backup the calibration settings and memories.
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27375. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 12:35:48 UTC
From: Darren S
Topic: 27326 Message: 27375

"Some website" does no more make the website unreliable as it makes it reliable. Not remembering the url dows not teleport the site out of existance.

From: Dave AA6YQ <aa6yq@...>
To: Darren S <darrenls21@...>
Sent: Thursday, 20 August, 2009 11:52:38
Subject: RE: [FT897] Soft ware

☐
My
point is that a random reference on "some website" to an upper limit of "some eeprom" is neither relevant nor reliable. There are no grounds to believe that your eeprom will "pop any day now". More importantly, there are no rounds to believe that it won't.

73,

Dave,
AA6YQ

-----Original Message-----
From: Darren S
[mailto:darrenls21@...]
Sent: Thursday, August 20, 2009 12:43
AM
To: Dave AA6YQ
Subject: Re: [FT897] Soft
ware

The truth or lack of it that the sun orbits the earth has no relevence to the one that the eeprom can be written to a million times. It certainly does not disprove it. If it's all the same to you,you carry on beleiving the eeprom will pop any day now and I'l carry on beleiving it wont.

From: Dave AA6YQ
<aa6yq@...>
To: Darrenls21@yahoo.com
Sent: Thursday, 20 August, 2009 3:41:59
Subject: RE: [FT897] Soft
ware

re
"On a website I saw that each
memory location in an eeprom can be written to about a million

times."

On
another web site, I saw that the sun revolves around the
earth.

There
are many different kinds of eeproms, with different upper limits on writes. You need to know what part # Yeasu uses for its eeprom, and check the spec for that part. Also, you don't know how the embedded software in Yaesu's transceivers actually works. Their programmers might have assumed that no one else would be generating writes to eeprom locations, and therefore allowed their software to perform relatively frequent eeprom writes in order to simplify some other aspect of the code, or reduce resource requirements. As long as they stayed beneath the eeprom's write budget over the rig's expected lifetime, this would be fine. But if some software application start generating additional writes not contemplated by the original designers, one could wear out particular locations much more rapidly that if you had the entire write budget at your disposal.

I
don't know that the FT-897 software works this way -- but you don't know that it doesn't. My point is that you're making a lot of assumptions with nothing concrete to back them up. If you enjoy gambling, that's fine, but not everyone does.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com
[mailto:FT897@yahoogroups.com]On Behalf Of Darren S
Sent: Wednesday, August 19, 2009 9:53 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft
ware

You do not get idiotic people, just idiotic decisions. :)

On a website
I saw that each memory location in an eeprom can be written to about a million times. The chance of doing that in the lifetime is remote. it's more likely that the 897 will wear out before its eeprom does. I know somebody who bricked his 70cm by poking a 0 in the wrong place and it made 70cm deaf. That was fixed with a sig gen and a tap into the service menus and contrary to some beleif, doing a factory reset does not affect the service menu settings.

--------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com>
To: FT897@yahoogroups. com

Sent:
Wednesday, 19 August, 2009 16:30:09
Subject: RE: [FT897] Soft ware

The
"idiot" appellation was Clint's,not mine.

The risk to users comes not
from incorrect programming in the CAT
application, but rather from a serial
port glitch (e.g. from RFI) that
transforms a correct EEPROM address into an
incorrect EEPROM address --
converting a write operation that updates the RF
power output level to one
that bricks the transceiver, for example. Its true
that any valid CAT
instruction could be corrupted into one that renders the
transceiver
unusable, but the odds of this happening are significantly
greater when CAT
commands that write to the EEPROM are frequently
used.

73,

Dave, AA6YQ

-----Original Message-----
From:
FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of
Darren
S
Sent: Wednesday, August 19, 2009 6:47 AM
To: FT897@yahoogroups.
com
Subject: Re: [FT897] Soft ware

Don't worry. I'm not an idiot. One
of the first tools I am writing is a
tool to backup the calibration settings
and memories.

One thing that you didn't mention about command BC is that
it writes two
bytes and not one so the best stratagy is to read two bytes
into memory
starting at the one you want to change, alter the one you want to
change
then write the memories back. that way you have little risk of writing
a
zero into something critical.

also back up what you
read.

---------- --------- --------- --
From: Dave AA6YQ
<aa6yq@ambersoft. com>
To: FT897@yahoogroups. com
Sent: Wednesday,
19 August, 2009 3:35:20
Subject: RE: [FT897] Soft ware

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those undocumented commands -- like setting RF output level --
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EEPROM
locations can only be written a finite number of times before they
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The discovery
of undocumented commands for the FT-817 was accomplished by
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see

<http://www.ka7oei. com/ft817_ meow.html>

These
commands are also available on the FT-857 and FT897. To quote
Clint,

"Command BC - Write EEPROM Data: ... Note that careless use of
this command
can cause the FT-817's CPU to crash and/or cause a complete wipe
of all
EEPROM data including configuration, software calibration/ alignment,
and
memories - the effect being similar to that of the "Reset to
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Defaults" command (below!) If you insist on using this command
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in
your radio's memories, you are an idiot! (Am I clear on this
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Dave, AA6YQ

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Wilson
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Subject: Re: [FT897] Soft ware

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Ham Radio Deluxe comes the closest to
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work. You'll need to store repeater channels in memory with FTBasic
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being able to quickly set the power levels and run the radio from
the
larger control surface of my computer monitor.)

> From: kc7qhc1
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> Subject: [FT897] Soft ware
> To:
FT897@yahoogroups. com
> Date: Tuesday, 18 August, 2009, 3:15
PM
>
> Hi folks I just got the radio and just wondering if their is
a site wher I
> can down load soft ware to put freg from my pc to the rig
on 2m and 70 cm
I
> have the cat cable thanks for your help.
>
Mark kc7qhc
>
--
Tom Wilson
wilsontp@gmail.
com
(619)212-6311
KI6ABZ

[Non-text portions of this message have
been removed]

Send instant messages to your online friends http://uk.messenger .yahoo.com

[Non-text portions of this message have been
removed]

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removed]

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removed]

[Non-text portions of this message have been removed]

27376. Re: [FT897] Re: Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 12:37:21 UTC
From: Darren S
Topic: 27326 Message: 27376

No I failed to recognize but immediately noticed it went to you directly so i reposteed the response to the group. Evidently you failed to notice that.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Thursday, 20 August, 2009 12:03:29
Subject: RE: [FT897] Re: Soft ware

Evidently, you failed to recognize that the message to which you responded below was private rather than public - so I'll provide the context for your response:

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There are no grounds for believing that your eeprom with will "pop any day now". More importantly, there are no grounds for believing that it won't.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of Darren S
Sent: Thursday, August 20, 2009 12:44 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: Soft ware

The truth or lack of it that the sun orbits the earth has no relevence to the one that the eeprom can be written to a million times. It certainly does not disprove it. If it's all the same to you,you carry on beleiving the eeprom will pop any day now and I'l carry on beleiving it wont.

From: w1aex <w1aex.fn31@gmail. com>
To: FT897@yahoogroups. com

Sent: Thursday, 20 August, 2009 3:42:03
Subject: [FT897] Re: Soft ware

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27377. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 12:51:44 UTC
From: Darren S
Topic: 27326 Message: 27377

Nor does it make the site's content unreliable, although i've just completed the first year of a two year onc courese where one usint was based on mocrococontrollers. EEProms do have around a million write cycles per location, some have more some have less but you will not write to any location that many times in the radio's lifetime. Not unless you are constantly shifting the vfo but even then it there's no guarantee it writes to the eeprom then unless you power down. remember, EEPROM is non-volitiles and for general use it's morel ikes that the 897 will be using ram.
So seriously, enough arguing and don't worry about the eeprom. It won't pack up any time soon and very unlikely in the lifetime of the radio.

From: Dave AA6YQ <aa6yq@...>
To: Darren S <darrenls21@yahoo.com>
Sent: Thursday, 20 August, 2009 13:44:16
Subject: RE: [FT897] Soft ware

☐
Neither one makes the site's content reliable.

73,

Dave,
AA6YQ

-----Original Message-----
From: Darren S
[mailto:darrenls21@...]
Sent: Thursday, August 20, 2009 8:35
AM
To: Dave AA6YQ
Subject: Re: [FT897] Soft
ware

"Some website" does no more make the website unreliable as it makes it
reliable. Not remembering the url dows not teleport the site out of
existance.

From: Dave AA6YQ
<aa6yq@...>
To: Darren S <darrenls21@yahoo.com>
Sent: Thursday, 20 August, 2009
11:52:38
Subject: RE: [FT897]
Soft ware

□
My
point is that a random reference on "some website" to an upper limit of "some eeprom" is neither relevant nor reliable. There are no grounds to believe that your eeprom will "pop any day now". More importantly, there are no rounds to believe that it won't.

73,

Dave,
AA6YQ

-----Original Message-----
From: Darren S
[mailto:darrenls21@...]
Sent: Thursday, August 20, 2009 12:43
AM
To: Dave AA6YQ
Subject: Re: [FT897] Soft
ware

The truth or lack of it that the sun orbits the earth has no relevence to the one that the eeprom can be written to a million times. It certainly does not disprove it. If it's all the same to you,you carry on beleiving the eeprom will pop any day now and I'l carry on beleiving it wont.

_____
From: Dave AA6YQ
<aa6yq@...>
To: Darrenls21@...
Sent: Thursday, 20 August, 2009 3:41:59
Subject: RE: [FT897] Soft
ware

re
"On a website I saw that each
memory location in an eeprom can be written to about a million
times."

On
another web site, I saw that the sun revolves around the
earth.

There
are many different kinds of eeproms, with different upper limits on writes. You need to know what part # Yeasu uses for its eeprom, and check the spec for that part. Also, you don't know how the embedded software in Yaesu's transceivers actually works. Their programmers might have assumed that no one else would be generating writes to eeprom locations, and therefore allowed their software to perform relatively frequent eeprom writes in order to simplify some other aspect of the code, or reduce resource requirements. As long as they stayed beneath the eeprom's write budget over the rig's expected lifetime, this would be fine. But if some software application start generating additional writes not

contemplated by the original designers, one could wear out particular locations much more rapidly that if you had the entire write budget at your disposal.

I don't know that the FT-897 software works this way -- but you don't know that it doesn't. My point is that you're making a lot of assumptions with nothing concrete to back them up. If you enjoy gambling, that's fine, but not everyone does.

73,

Dave, AA6YQ

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From: FT897@yahoogroups.com
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Subject: Re: [FT897] Soft
ware

You do not get idiotic people, just idiotic decisions. :)

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I saw that each memory location in an eeprom can be written to about a million times. The chance of doing that in the lifetime is remote. it's more likely that the 897 will wear out before its eeprom does. I know somebody who bricked his 70cm by poking a 0 in the wrong place and it made 70cm deaf. That was fixed with a sig gen and a tap into the service menus and contrary to some beleif, doing a factory reset does not affect the service menu settings.

From: Dave AA6YQ <aa6yq@ambersoft. com>
To: FT897@yahoogroups. com
Sent:
Wednesday, 19 August, 2009 16:30:09
Subject: RE: [FT897] Soft ware

The "idiot" appellation was Clint's,not mine.

The risk to users comes not from incorrect programming in the CAT application, but rather from a serial port glitch (e.g. from RFI) that transforms a correct EEPROM address into an incorrect EEPROM address -- converting a write operation that updates the RF power output level to one that bricks the transceiver, for example. Its true

that any valid CAT
instruction could be corrupted into one that renders the
transceiver
unusable, but the odds of this happening are significantly
greater when CAT
commands that write to the EEPROM are frequently
used.

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Dave, AA6YQ

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FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of
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com
Subject: Re: [FT897] Soft ware

Don't worry. I'm not an idiot. One
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tool to backup the calibration settings
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One thing that you didn't mention about command BC is that
it writes two
bytes and not one so the best stratagy is to read two bytes
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starting at the one you want to change, alter the one you want to
change
then write the memories back. that way you have little risk of writing
a
zero into something critical.
also back up what you
read.

__________ _________ _________ __
From: Dave AA6YQ
<aa6yq@ambersoft. com>
To: FT897@yahoogroups. com
Sent: Wednesday,
19 August, 2009 3:35:20
Subject: RE: [FT897] Soft ware

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those undocumented commands -- like setting RF output level --
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writing to the FT-897's EEPROM. There are two problems with this:
EEPROM

locations can only be written a finite number of times before they literally
wear out (I don't have the part # for the EEPROM used by Yaesu and so don't
know what that limit is), and a data error can generate a write to the wrong
EEPROM address, which can convert your FT-897 to a paperweight. The discovery
of undocumented commands for the FT-817 was accomplished by Clint KA7OEI;
see

<http://www.ka7oei. com/ft817_ meow.html>

These
commands are also available on the FT-857 and FT897. To quote Clint,

"Command BC - Write EEPROM Data: ... Note that careless use of this command
can cause the FT-817's CPU to crash and/or cause a complete wipe of all
EEPROM data including configuration, software calibration/ alignment, and
memories - the effect being similar to that of the "Reset to Factory
Defaults" command (below!) If you insist on using this command without
first recording the 76 "soft calibration" settings and noting what is in
your radio's memories, you are an idiot! (Am I clear on this point?)"

Commander, the transceiver control component of the freeware DXLab Suite,
provides sliders that can be configured to control the FT-897's power output
and other settings by generating CAT commands that write to the
transceiver' s EEPROM -- but I recommend against doing this.

73,

Dave, AA6YQ

-----Original Message-----
From:
FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of Thomas
Wilson
Sent: Tuesday, August 18, 2009 3:20 PM

To: FT897@yahoogroups.
com
Subject: Re: [FT897] Soft ware

To program your rig, rather than
just remote-control it, you need
something like this: http://www.g4hfq. co.uk/ftbasic. html

It's $15, but well worth it. I don't know of any
freeware apps for
programming the 897 (or any of Yaesu's other base/mobile
rigs, for
that matter.)

Also, none of the remote-control apps that
I've found can do things
like set the PL tone or repeater offset. They're
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anything but HF work. That's not the fault of the app
developers; the
problem is that the FT-897 just doesn't have CAT commands to
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those settings. There's not even a documented CAT command
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selecting a memory entry.

Ham Radio Deluxe comes the closest to
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undocumented CAT commands to write many of the
settings; it can
control power levels, but it still can't really be used for
repeater
work. You'll need to store repeater channels in memory with FTBasic
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you're going to work them. (HRD works great for HF, though. I
love
being able to quickly set the power levels and run the radio from
the
larger control surface of my computer monitor.)

> From: kc7qhc1
<kc7qhc1@yahoo. com>
> Subject: [FT897] Soft ware
> To:
FT897@yahoogroups. com
> Date: Tuesday, 18 August, 2009, 3:15
PM
>
> Hi folks I just got the radio and just wondering if their is
a site wher I
> can down load soft ware to put freg from my pc to the rig

on 2m and 70 cm
I
> have the cat cable thanks for your help.
>
Mark kc7qhc
>
--
Tom Wilson
wilsontp@gmail.
com
(619)212-6311
KI6ABZ

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been removed]

Send instant messages to your online friends http://uk.messenger .yahoo.com

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removed]

[Non-text portions of this message have been
removed]

[Non-text portions of this message have been
removed]

[Non-text portions of this message have been removed]

27378. Re: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-20 13:20:24 UTC
From: DavidN
Topic: 27372 Message: 27378

Thanks Mark for all the info. Well looking at DG2IAQ's photos you have to remove the main board (willing to do that) but it's connected to another board via a flat cable, which does send shivers up my back. So I'll have to think hard about doing the mods.

I did do an on-air test using the speech processor, and with it in or out there seemed no difference except he said the audio was ever so slightly more bassy with it switched in. So possibly Yaesu never got round to modding mine! :)

I do have a Datong RF speech processor, but it's where to put it in the car.... I only just managed to shoe-horn the 897 into a gap above my right knee. The first attempt I couldn't reach the brake pedal :)

David G4TUP.

On Thu, Aug 20, 2009 at 11:18 AM, Dr Mark Vaughan <mark@...> wrote:

>
>
> I think there's an AGC mod, and a Squelch Mod, been a while since I looked.
>
> I have both on my 857D and they make a lot of difference when driving as
> signals vary massively.
>
> The squelch mod really helps, otherwise on 2m it patters in and out as you
> drive down the road making the XYL complain. A DSP speaker also makes a lot
> of difference, silencing the background noise if your HF mobile as well as
> silencing the XYL complaints.
>
> I think GG2IAQ uses a 4.7uF cap for one, and 10uF cap for the other. I've
> used 10uF for both which seems good, and a lot better than what Yaesu had.
>
> There's another audio mod he also recommends which I think was part of the
> speak processor circuits, but Yaesu must have read his notes and have
> reworked that section.
>
> Be careful though, it is rather tight getting to the area to solder these
> in, with lots of fine smt bits around, several people have caused more harm
> than good.
>
> 73 Mark
>
> PS waiting for any legal arguments
>
> Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

>
> Managing Director
>
> Vaughan Industries Ltd., reg in UK no 2561068
>
> Water Care Technology Ltd, reg in UK no 4129351
>
> Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.
>
> Phone/Fax 44 (0) 1872 561288
>
> RSGB DRM111 (Cornwall)
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> DavidN
> Sent: 20 August 2009 10:55
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] AGC mod to FT-897 - anyone done it?
>
>
> I've quite recently purchased an FT-897 and am just looking through
> DG2IAQ's
> list of mods, dated Dec.2004.
>
> He mentions the slow AGC is too fast. Myself, I find it OK, but just
> wondered if anyone had thought the same but had tried the mod anyway (you
> just add a 10uF capacitor). If so, I'd be interested in their constructive
> views on the mod....
>
> David G4TUP.
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27379. RE: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-20 13:35:21 UTC
From: Cliff Bryant
Topic: 27372 Message: 27379

I've had the flat cable (and the board) out and back half a dozen times. It's really no big deal to get reattached. Obviously doing all the mods the first time is the best plan though.

My radio is a D variant so the speech processor mod was already present. In any case I improved the high response both on the op. amp train and also with a bypass capacitor on the emitter of the microphone amplifier (a bipolar NPN).

The AGC mod and optional audio PA bandwidth limiting components improved things to my mind.

The radio is very much a budget model with limited screening so any improvements are worthwhile I think. On the plus side it is attractively priced if you shop around.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DavidN
Sent: 20 August 2009 14:20
To: FT897@yahoogroups.com
Subject: Re: [FT897] AGC mod to FT-897 - anyone done it?

Thanks Mark for all the info. Well looking at DG2IAQ's photos you have to
remove the main board (willing to do that) but it's connected to another board via a flat cable, which does send shivers up my back. So I'll have to
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knee. The first attempt I couldn't reach the brake pedal :)

David G4TUP.

[Non-text portions of this message have been removed]

27382. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 14:24:41 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27382

A microcontroller could perform 1 million writes to an EEPROM location in less than 1 second. Obviously no one does that on purpose, but without access to the Yaesu code you have no idea whether this code writes to EEPROM locations and if so, to which locations it writes and how frequently. About all you can say is that you hope its okay.

I'm glad to hear that you are taking a course.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Darren S
Sent: Thursday, August 20, 2009 8:52 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

Nor does it make the site's content unreliable, although i've just completed the first year of a two year onc courese where one usint was based on mocrococontrollers. EEProms do have around a million write cycles per location, some have more some have less but you will not write to any location that many times in the radio's lifetime. Not unless you are constantly shifting the vfo but even then it there's no guarantee it writes to the eeprom then unless you power down. remember, EEPROM is non-volitiles and for general use it's morel ikes that the 897 will be using ram.
So seriously, enough arguing and don't worry about the eeprom. It won't pack up any time soon and very unlikely in the lifetime of the radio.

From: Dave AA6YQ <aa6yq@...>
To: Darren S <darrenls21@...>
Sent: Thursday, 20 August, 2009 13:44:16
Subject: RE: [FT897] Soft ware

☐
Neither one makes the site's content reliable.

73,

Dave,
AA6YQ

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From: Darren S
[mailto:darrenls21@...]
Sent: Thursday, August 20, 2009 8:35
AM
To: Dave AA6YQ

Subject: Re: [FT897] Soft
ware

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<aa6yq@ambersoft.com>
To: Darrenls21@...
Sent: Thursday, 20 August, 2009 3:41:59
Subject: RE: [FT897] Soft
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I
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Tom Wilson
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(619)212-6311
KI6ABZ

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Send instant messages to your online friends http://uk.messenger .yahoo.com

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27383. [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 14:42:51 UTC
From: Joe
Topic: 27383 Message: 27383

DSP AF is great..no doubt about it.....

Don't know if they are still in business, but..a friend ordered and
installed one of these **IN** his 897D and loves it....

http://www.w4wb.com/BHI/DSP-897.htm

I was going to install one in my 897D but then I traded it for an 857D and I
don't think there is room to install one internally in it.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dr Mark Vaughan" <mark@...>
Subject: RE: [FT897] AGC mod to FT-897 - anyone done it?

> A DSP speaker also makes a lot
> of difference, silencing the background noise if your HF mobile as well as
> silencing the XYL complaints.

27384. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 15:27:13 UTC
From: Cliff Bryant
Topic: 27326 Message: 27384

“A microcontroller could perform 1 million writes to an EEPROM location in less than 1 second.”

From an FT897 standpoint no it can’t or at least the EEPROM would ignore it. Access time to an EEPROM for writing is typically 5mS [max] (for the 24LC128T device in the FT897) in addition to that the I2C bus to which it is connected runs at 400kHz max, IE about 40,000 per second assuming a 10 bit protocol.

EEPROM is notoriously slow for writing purposes. Usually this doesn’t matter as it’s only written to occasionally. With the products that I get I’m involved in the sales guys moan that flash upgrading or remote programming of a unit takes up to 30 seconds whereas reading is almost instant.

Yaesu clearly do write to the EEPROM for memory storage purposes but I doubt if they write to it adhoc, only a very junior engineer would make that mistake and then only once.

If I was going to tinker with writing and reading to the 897 (I actually have done a little) I would take a copy of the current readings and save them safely. Then if push can to shove I could program up a new chip and replace it on the PCB.

Definite care and attention is required to avoid a tricky soldering job but it’s hardly rocket science. If I was going to develop with the FT897 I would solder in a DIP socket so I could easily change the chip and experiment.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dave AA6YQ
Sent: 20 August 2009 15:25
To: FT897@yahoogroups.com
Subject: RE: [FT897] Soft ware

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I'm glad to hear that you are taking a course.

73,

Dave, AA6YQ

<snip>

[Non-text portions of this message have been removed]

27386. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 15:57:59 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27386

Thanks for the EEPROM part number, Cliff. Here's the spec:
http://ww1.microchip.com/downloads/en/DeviceDoc/21191R.pdf

The spec says the device is rated at "more than 1 million erase/write cycles". I interpret this to mean "more than 1 million erase/write operations to any byte", as opposed to "each byte can be independently updated more than 1 million times" -- an interpretation I would discuss with the one of the manufacturers application engineers before putting weight on it. If true, this makes the likelihood of exceeding the erase/write budget more likely, particularly if Yeasu's code is performing background writes at a some constant rate with the assumption that users aren't increasing the rate by executing the undocumented instruction.

You're right, it would take a microcontroller ~85 minutes to perform 1 million erase/write cycles on this EEPROM. A program running on a PC is limited by the serial port, and so might be ~10X slower. No one would do this intentionally, but its not like decades are required to cause the problem .

Your point about being prepared to restore/replace the EEPROM echoes Clint KA7OEI's warning. Unfortunately, users exploiting the undocumented EEPROM write instruction are generally not aware of the risk.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Cliff Bryant
Sent: Thursday, August 20, 2009 11:27 AM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Soft ware

“A microcontroller could perform 1 million writes to an EEPROM location in less than 1 second.”

From an FT897 standpoint no it can’t or at least the EEPROM would ignore it. Access time to an EEPROM for writing is typically 5mS [max] (for the 24LC128T device in the FT897) in addition to that the I2C bus to which it is connected runs at 400kHz max, IE about 40,000 per second assuming a 10 bit protocol.

EEPROM is notoriously slow for writing purposes. Usually this doesn’t matter as it’s only written to occasionally. With the products that I get I’m involved in the sales guys moan that flash upgrading or remote programming of a unit takes up to 30 seconds whereas reading is almost instant.

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Definite care and attention is required to avoid a tricky soldering job but it’s hardly rocket science. If I was going to develop with the FT897 I would solder in a DIP socket so I could easily change the chip and experiment.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dave AA6YQ
Sent: 20 August 2009 15:25
To: FT897@...m
Subject: RE: [FT897] Soft ware

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I'm glad to hear that you are taking a course.

73,

Dave, AA6YQ

<snip>

[Non-text portions of this message have been removed]

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27387. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:07:00 UTC
From: kc9ipv
Topic: 27274 Message: 27387

Well, I got an email from the tech support guy from Yaesu. He is mailing the schematics today! Very supprised and impressed with the response from them.

I've managed to pic apart some of the circuit but the schematics will be very helpful.

Taking a stab at the cause I'd guess its in the voltage step up circuit since there is no AC input and the DC input is clean.

Anyone have a schematic for the W4RT unit?

mike
kc9ipv

>
> That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.
>
> I opened up the CD-24 this evening and put it on the scope and was amazed at just how dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?
>
> mike
> kc9ipv
>
> --- In FT897@yahoogroups.com, Dean Nash <n4shd@> wrote:
> >
> > Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
> >
> >
> > 73 de N4SHD
> >
> >
> >
> >
> > _____
> > From: kc9ipv <mike@>
> > To: FT897@yahoogroups.com
> > Sent: Wednesday, August 19, 2009 7:24:32 AM
> > Subject: [FT897] Re: Noise from OEM Battery charger
> >
> >
> > Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of

the charger. It's still there but no where near as bad.
> >
> > mike
> > kc9ipv
> >
> > > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
> > > I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> > > Fred
> > > k6kub
> > > >
> > >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

27388. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:16:54 UTC
From: Cliff Bryant
Topic: 27326 Message: 27388

Hi Dave

I've used the chip family dozens of times in the past – it's a useful stalwart.

I wouldn't want to write to the device anywhere near close to 1 million times. However I'd be pretty certain that Yaesu also don't adhoc write to it during normal operations. There are a number of reasons for this, firstly it's pretty slow as we've surmised, secondly there's no need. During normal rig operation the only obvious use would be memory or set up or possibly power off frequency storage and when they are done they are done.

You are quite right that without source code it's difficult to be sure but if one really wanted to know it would be easy enough to simply sniff the I2C bus and check.

Exploiting any undocumented command is always risky of course and you are most definitely right that if folk aren't aware of the limitation of write cycles to the device it's easy to write a piece of code that inadvertently (or otherwise) trashes the device.

However with a little care it shouldn't be too difficult to sort. The worry for me would be writing to the device such that the rig wouldn't boot correctly and allow me to replace the errant data!

I appear not to have either received or read Clint's warning but good to know there is some consensus.

I think you could perhaps perform 1 million cycles a little quicker than 85 minutes by using page mode to write data in blocks but it's a moot point.

Cliff

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dave AA6YQ
Sent: 20 August 2009 16:58
To: FT897@yahoogroups.com
Subject: RE: [FT897] Soft ware

Thanks for the EEPROM part number, Cliff. Here's the spec:
http://ww1.microchip.com/downloads/en/DeviceDoc/21191R.pdf

The spec says the device is rated at "more than 1 million erase/write cycles". I interpret this to mean "more than 1 million erase/write operations to any byte", as opposed to "each byte can be independently updated more than 1 million times" -- an interpretation I would discuss with the one of the manufacturers application engineers before putting weight on it. If true, this makes the likelihood of exceeding the erase/write budget more likely, particularly if Yeasu's code is performing background writes at a some constant rate with the assumption that users aren't increasing the rate by executing the undocumented instruction.

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might be ~10X slower. No one would do this intentionally, but its not like decades are required to cause the problem .

Your point about being prepared to restore/replace the EEPROM echoes Clint KA7OEI's warning. Unfortunately, users exploiting the undocumented EEPROM write instruction are generally not aware of the risk.

73,

Dave, AA6YQ

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From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>]On Behalf Of Cliff Bryant
Sent: Thursday, August 20, 2009 11:27 AM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: RE: [FT897] Soft ware

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From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of Dave AA6YQ
Sent: 20 August 2009 15:25
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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I'm glad to hear that you are taking a course.

73,

Dave, AA6YQ

[Non-text portions of this message have been removed]

27389. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:30:47 UTC
From: Richard Corfield
Topic: 27326 Message: 27389

I can't answer for Yaesu, but a common practice is to work in RAM and update the EEPROM only when you need to save. The radio is meant to be taken through an ordered power down which gives this opportunity. I've seen other devices do this, a pain if power is removed or the device crashes as in the case of some MP3 players I've had.

EEPROM writes are expensive both in terms of the limited rewrite cycles and the time it takes to perform the operation.

One way to test could be to remove power from the radio and see if the state is preserved, but that is not recommended. It has happened here once accidentally and I didn't check to see what happened.

If the designers expected power failure to be a problem that had to be defended against then there are ways of solving it. I'm only guessing here but I'd expect something like this radio to be designed for ordered power down either due to the user pressing the blue button or battery voltage dropping below some threshold. I've seen the latter out in the field and was happy that the radio appeared to shut down in an ordered way.

Do we often hear of the EEPROMs failing on these things?

- Richard

2009/8/20 Dave AA6YQ <aa6yq@...>

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> 73,
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> Dave, AA6YQ
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> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
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> Sent: Thursday, August 20, 2009 11:27 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: RE: [FT897] Soft ware
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> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of Dave AA6YQ
> Sent: 20 August 2009 15:25
> To: FT897@...m <FT897%40yahoogroups.com>

> Subject: RE: [FT897] Soft ware
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>

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27390. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:35:15 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27390

Yes, I saw the page mode access in the spec, but thought that'd be "cheating" with respect to the discussion at hand. And I don't think one can initiate a page-mode write over the serial port interface.

Clint KA7OEI's web page is available via <http://www.ka7oei.com/ft817_meow.html>

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Cliff Bryant
Sent: Thursday, August 20, 2009 12:17 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Soft ware

Hi Dave

I've used the chip family dozens of times in the past – it's a useful stalwart.

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You are quite right that without source code it's difficult to be sure but if one really wanted to know it would be easy enough to simply sniff the I2C bus and check.

Exploiting any undocumented command is always risky of course and you are most definitely right that if folk aren't aware of the limitation of write cycles to the device it's easy to write a piece of code that inadvertently (or otherwise) trashes the device.

However with a little care it shouldn't be too difficult to sort. The worry for me would be writing to the device such that the rig wouldn't boot correctly and allow me to replace the errant data!

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27391. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:50:42 UTC
From: Dave AA6YQ
Topic: 27326 Message: 27391

If you look at <http://www.ka7oei.com/ft817_meow.html> you'll see what Clint KA7OEI determined to be stored in EEPROM.

No one is saying that there's an EEPROM failure problem with a FT-817/857/897. At question is whether running software that uses the undocumented "write to EEPROM" command to gain capabilities not provided through the documented CAT instruction set (e.g. changing the rig's RF output level) could result in exceeding the EEPROM's lifetime write/erase cycle budget, which is "more than 1 million write/erase cycles". Until someone determines how frequently the software embedded in the transceiver performs EEPROM writes and thus what portion of the lifeltime write/erase budget it consumes, its all speculation.

The "mine works just fine" argument holds little water; someone making this claim might be the lucky owner of an FT-897 whose charmed EEPROM will tolerate 10 million write/erase cycles before expiring; this is little solace to the owner of another FT-897 whose EEPROM can only handle 1.2 million.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Richard Corfield
Sent: Thursday, August 20, 2009 12:31 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

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2009/8/20 Dave AA6YQ <aa6yq@ambersoft.com>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27392. FT897 serial numbers

Yahoo group: FT897 (2009)
Date: 2009-08-20 03:12:45 UTC
From: John Geiger
Topic: 27392 Message: 27392

Is a 4m4xxx serial number FT897D a pretty good bet for having the early problems worked out on them, or have there still been mods and updates since 2004 on the FT897D?

73s John AA5JG

27393. EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-20 03:19:29 UTC
From: kc9aop
Topic: 27393 Message: 27393

I'm new to the FT-897 and this group but have been a HAM for 8 years. I've been reading threads that extol the dangers of writing to the EEPROM on the radio. Can someone please list the "dangerous" commands so I can avoid inadvertently damaging my new radio??

I've already shut off the sliders on HRD (I like the program) and am wondering if there are any other commands to avoid.

Besides the ADMS software, which is great for my HT but I'm not so sure about the 897, what would the group recommend for programming and/or control software. I know HRD won't program memories but I'm not sure if the ADMS will do more than manage the memory.

Your help and comments are appreciated

Jim Bayer - KC9AOP

27394. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:17:26 UTC
From: Thomas Wilson
Topic: 27326 Message: 27394

EEPROMS and flash memory are not individually addressable for
re-writing. You have to erase an entire block of memory and then
re-write the entire block. That's why it's so easy to brick a flash
drive or memory card: if a write fails, it doesn't just affect a
single cluster.

You can disconnect power from the 897 at any time, and it'll power
back up in the same state you left it... I wonder if every button
press on the radio's front panel results in an EEPROM write, or if the
radio has something to dump the state to the EEPROM very quickly when
power is disconnected. I sure wish a Vertex engineer was part of the
group. :)

On Thu, Aug 20, 2009 at 8:57 AM, Dave AA6YQ<aa6yq@...> wrote:
>
>
> Thanks for the EEPROM part number, Cliff. Here's the spec:
> http://ww1.microchip.com/downloads/en/DeviceDoc/21191R.pdf
>
> The spec says the device is rated at "more than 1 million erase/write
> cycles". I interpret this to mean "more than 1 million erase/write
> operations to any byte", as opposed to "each byte can be independently
> updated more than 1 million times" -- an interpretation I would discuss with
> the one of the manufacturers application engineers before putting weight on
> it. If true, this makes the likelihood of exceeding the erase/write budget
> more likely, particularly if Yeasu's code is performing background writes at
> a some constant rate with the assumption that users aren't increasing the
> rate by executing the undocumented instruction.
--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27395. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 16:16:29 UTC
From: John Geiger
Topic: 27383 Message: 27395

But IF DSP is much better!

73s John AA5JG

--- On Thu, 8/20/09, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@...>
Subject: [FT897] AGC (And DSP) mod to FT-897
To: FT897@yahoogroups.com
Date: Thursday, August 20, 2009, 9:42 AM

DSP AF is great..no doubt about it.....

Don't know if they are still in business, but..a friend ordered and
installed one of these **IN** his 897D and loves it....

http://www.w4wb. com/BHI/DSP- 897.htm

I was going to install one in my 897D but then I traded it for an 857D and I
don't think there is room to install one internally in it.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Dr Mark Vaughan" <mark@.... com>
Subject: RE: [FT897] AGC mod to FT-897 - anyone done it?

> A DSP speaker also makes a lot
> of difference, silencing the background noise if your HF mobile as well as
> silencing the XYL complaints.

[Non-text portions of this message have been removed]

27396. RE: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:14:20 UTC
From: Cliff Bryant
Topic: 27326 Message: 27396

EEPROMS are byte writable (or this EEPROM is at least), FLASH is not. The datasheet describes the byte and page write commands. When writing a page you are limited to a page boundary ie an exact memory page size.

As for state backup: it may simply be held in RAM with a capacitor to back it up.

There are a number of documents on the web describing the usage of the EEPROM in the 897. They have been determined empirically rather than from formal documentation.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Thomas Wilson
Sent: 20 August 2009 17:17
To: FT897@yahoogroups.com
Subject: Re: [FT897] Soft ware

EEPROMS and flash memory are not individually addressable for re-writing. You have to erase an entire block of memory and then re-write the entire block. That's why it's so easy to brick a flash drive or memory card: if a write fails, it doesn't just affect a single cluster.

You can disconnect power from the 897 at any time, and it'll power back up in the same state you left it... I wonder if every button press on the radio's front panel results in an EEPROM write, or if the radio has something to dump the state to the EEPROM very quickly when power is disconnected. I sure wish a Vertex engineer was part of the group. :)

On Thu, Aug 20, 2009 at 8:57 AM, Dave AA6YQ<aa6yq@...
<mailto:aa6yq%40ambersoft.com> > wrote:
>
>
> Thanks for the EEPROM part number, Cliff. Here's the spec:
> http://ww1.microchip.com/downloads/en/DeviceDoc/21191R.pdf
>
> The spec says the device is rated at "more than 1 million erase/write
> cycles". I interpret this to mean "more than 1 million erase/write
> operations to any byte", as opposed to "each byte can be independently
> updated more than 1 million times" -- an interpretation I would
discuss with
> the one of the manufacturers application engineers before putting
weight on
> it. If true, this makes the likelihood of exceeding the erase/write

budget
> more likely, particularly if Yeasu's code is performing background
writes at
> a some constant rate with the assumption that users aren't increasing
the
> rate by executing the undocumented instruction.
--
Tom Wilson
wilsontp@... <mailto:wilsontp%40gmail.com>
(619)212-6311
KI6ABZ

[Non-text portions of this message have been removed]

27397. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:16:58 UTC
From: Joe
Topic: 27383 Message: 27397

I respectfully disagree.....AF DSP does a much better job of 'cleaning; up a noisy receive. One of the reasons more and more radios are coming out with AF DSP as well as IF DSP.

However, to each his own.....

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "John Geiger" <aa5jg@...>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897

But IF DSP is much better!

73s John AA5JG

27398. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:26:04 UTC
From: Thomas Wilson
Topic: 27383 Message: 27398

I think they're intended for different uses.

An IF DSP can help with things like adjacent signal rejection, which will help with crowded bands (PSK31 on Field day, for example, was a nightmare with my radio.) No audio DSP can help there, since the AGC has already attenuated out all the weaker signals by the time the audio reaches the AF stage.

On the other hand, AF filtering is simpler and probably cheaper in terms of hardware...

On Thu, Aug 20, 2009 at 12:16 PM, Joe<WA6RKN@...> wrote:
>
>
> I respectfully disagree.....AF DSP does a much better job of 'cleaning; up a
> noisy receive. One of the reasons more and more radios are coming out with
> AF DSP as well as IF DSP.
>
> However, to each his own.....
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "John Geiger" <aa5jg@yahoo.com>
> Subject: Re: [FT897] AGC (And DSP) mod to FT-897
>
> But IF DSP is much better!
>
> 73s John AA5JG
>
>

--
Tom Wilson
wilsontp@...m
(619)212-6311
KI6ABZ

27399. Re: [FT897] EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:23:11 UTC
From: Thomas Wilson
Topic: 27393 Message: 27399

I use FTBasicMMO by G4HFQ for memory management. Not only does it save
and load memories, but it can also import and export to several other
memory control programs. In fact, the first time I used it, I used it
to read the memory settings from my Kenwood handheld. (It won't read
the Kenwood directly, but it will read the Kenwood MCP file.)

On Wed, Aug 19, 2009 at 8:19 PM, kc9aop<KC9AOP@...> wrote:
>
>
> I'm new to the FT-897 and this group but have been a HAM for 8 years. I've
> been reading threads that extol the dangers of writing to the EEPROM on the
> radio. Can someone please list the "dangerous" commands so I can avoid
> inadvertently damaging my new radio??
>
> I've already shut off the sliders on HRD (I like the program) and am
> wondering if there are any other commands to avoid.
>
> Besides the ADMS software, which is great for my HT but I'm not so sure
> about the 897, what would the group recommend for programming and/or control
> software. I know HRD won't program memories but I'm not sure if the ADMS
> will do more than manage the memory.
>
> Your help and comments are appreciated
>
> Jim Bayer - KC9AOP
>
>

--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27400. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:29:04 UTC
From: John Geiger
Topic: 27383 Message: 27400

But the IF DSP will take out the noise before it pumps the AGC (and shows up on the S meter) causing desense on receive. Most new radios today are IF DSP-the Yaesu FT450/950/2000/9000 and the Icom 7200/7000/746PRO/7600/7800 etc.

Which new radio that has come out in the past 2 years has AF DSP on it?

73s John AA5JG

--- On Thu, 8/20/09, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@...>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897
To: FT897@yahoogroups.com
Date: Thursday, August 20, 2009, 2:16 PM

I respectfully disagree.... .AF DSP does a much better job of 'cleaning; up a noisy receive. One of the reasons more and more radios are coming out with AF DSP as well as IF DSP.

However, to each his own.....

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "John Geiger" <aa5jg@yahoo. com>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897

But IF DSP is much better!

73s John AA5JG

[Non-text portions of this message have been removed]

27401. Re: [FT897] Soft ware

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:27:23 UTC
From: Thomas Wilson
Topic: 27326 Message: 27401

Yeah, I saw that after I sent this. :) I made the mistake of thinking
that the EEPROM on the radio was a Flash ROM. Very different, I guess.

On Thu, Aug 20, 2009 at 12:14 PM, Cliff Bryant<CliffB@...> wrote:
>
>
> EEPROMS are byte writable (or this EEPROM is at least), FLASH is not.
--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27402. Re: [FT897] Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-20 19:48:00 UTC
From: Peter Robinson
Topic: 27274 Message: 27402

I am not surprised. I don't know the stateside Yaesu set up, but in U K they are very helpful.

73 de Peter - GØFIM / AA3JN

----- Original Message -----
From: kc9ipv
To: FT897@yahoogroups.com
Sent: Thursday, August 20, 2009 5:07 PM
Subject: [FT897] Re: Noise from OEM Battery charger

Well, I got an email from the tech support guy from Yaesu. He is mailing the schematics today! Very supprised and impressed with the response from them.

I've managed to pic apart some of the circuit but the schematics will be very helpful.

Taking a stab at the cause I'd guess its in the voltage step up circuit since there is no AC input and the DC input is clean.

Anyone have a schematic for the W4RT unit?

mike
kc9ipv

>
> That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.
>
> I opened up the CD-24 this evening and put it on the scope and was amazed at just how dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?
>
> mike
> kc9ipv
>
> --- In FT897@yahoogroups.com, Dean Nash <n4shd@> wrote:
> >
> > Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
> >
> >
> > 73 de N4SHD
> >
> >
> >

> >
> > _____
> > From: kc9ipv <mike@>
> > To: FT897@yahoogroups.com
> > Sent: Wednesday, August 19, 2009 7:24:32 AM
> > Subject: [FT897] Re: Noise from OEM Battery charger
> >
> >
> > Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.
> >
> > mike
> > kc9ipv
> >
> > > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
> > > I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> > > Fred
> > > k6kub
> > > >
> > >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.406 / Virus Database: 270.13.62/2315 - Release Date: 08/20/09 06:05:00

[Non-text portions of this message have been removed]

27403. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 20:12:56 UTC
From: Joe
Topic: 27383 Message: 27403

For 1, the new Kenwood TS-480HX, (http://inform3.kenwoodusa.com/Brochures/Communications/UnitedStates/AMA/TS-480HX.pdf) TS-480 SA, and all of their new line of HF radios (To be released next year) will included AF as well as IF DSP.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "John Geiger" <aa5jg@...>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897

But the IF DSP will take out the noise before it pumps the AGC (and shows up on the S meter) causing desense on receive. Most new radios today are IF DSP-the Yaesu FT450/950/2000/9000 and the Icom 7200/7000/746PRO/7600/7800 etc.

Which new radio that has come out in the past 2 years has AF DSP on it?

27404. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-20 20:16:00 UTC
From: blackbelair
Topic: 27274 Message: 27404

--- In FT897@yahoogroups.com, "kc9ipv" <mike@...> wrote:
>
> Well, I got an email from the tech support guy from Yaesu. He is mailing the schematics today! Very supprised and impressed with the response from them.
>
> I've managed to pic apart some of the circuit but the schematics will be very helpful.
>
> Taking a stab at the cause I'd guess its in the voltage step up circuit since there is no AC input and the DC input is clean.
>
> Anyone have a schematic for the W4RT unit?
>
> mike
> kc9ipv
>
> >
> > That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.
> >
> > I opened up the CD-24 this evening and put it on the scope and was amazed at just how dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?
> >
> > mike
> > kc9ipv
> >
> > --- In FT897@yahoogroups.com, Dean Nash <n4shd@> wrote:
> > >
> > > Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
> > >
> > >
> > > 73 de N4SHD
> > >
> > >
> > >
> > >
> > > _____
> > > From: kc9ipv <mike@>
> > > To: FT897@yahoogroups.com
> > > Sent: Wednesday, August 19, 2009 7:24:32 AM
> > > Subject: [FT897] Re: Noise from OEM Battery charger
> > >

> > >
> > > Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.
> > >
> > > mike
> > > kc9ipv
> > >
> > > > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
> > > > I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> > > > Fred
> > > > k6kub

It would be really nice to sus out and eliminate the source of noise from the cd-24. I thought for sure the noise was coming from the Pa-26 wall charger. I want to use a solar panel for portable operation but if there is going to be noise injected using a panel, then its back to lugging extra batteries.
B.T.W. how did you manage to open the cd-24 case? I tried to open mine but it seemed that the cover would break instead of popping off.
Fred
k6kub
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
>

27405. Re: AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 23:57:47 UTC
From: tenorman1952
Topic: 27383 Message: 27405

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> DSP AF is great..no doubt about it.....
>
> Don't know if they are still in business, but..a friend ordered and
> installed one of these **IN** his 897D and loves it....
>
> http://www.w4wb.com/BHI/DSP-897.htm
>
> I was going to install one in my 897D but then I traded it for an 857D and I
> don't think there is room to install one internally in it.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada

Yes, there is room. I have the BHI 1061 DSP board in my FT-897. There is a "how to" here in the files. Look at KB5LDD's folder, "BHI DSP module on FT-897D".

I had a great deal of trouble trying to put the control button in the place they showed. Instead, I removed the Battery A/B rocker switch and glued in a piece of textured ABS plastic sheet. I mounted the DSP button and LED there.

I don't use the internal battery feature, instead, when using batteries (such as Field Day) I have some RBC-6 gel battery sets (1 RBC-6 is comprised of two 12 v 12 ah sealed batteries) that I use for that purpose.

The BHI 1061 is a MUCH better DSP than the 897's DSP. If you want to hear how effective, listen to the MP3's in my AE5JU folder, BHI DSP subfolder. Photos of the RBC-6 are in that same folder. Also a photo of how I installed the DSP's control button. I used a craft glue called E6000 by Eclectic Products. Great for plastic to metal, etc. A must have item for the bench for anyone working in electronics.

Paul
AE5JU

27406. Re: AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-21 00:01:00 UTC
From: tenorman1952
Topic: 27383 Message: 27406

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> DSP AF is great..no doubt about it.....
>
> Don't know if they are still in business, but..a friend ordered and
> installed one of these **IN** his 897D and loves it....
>
> http://www.w4wb.com/BHI/DSP-897.htm
>
> I was going to install one in my 897D but then I traded it for an 857D and I
> don't think there is room to install one internally in it.
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada

An easier way... simply purchase the West Mountain Radio CLR-DSP speaker. This speaker has a 2 w audio amp and DSP built into the speaker. The FT-897 greatly benefits from a better speaker anyway. And to my ear, the CLR-SPKR's DSP sounds identical to the BHI 1061 module. I would be willing to bet they share the same chip set.

Paul
AE5JU

27407. Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 00:07:58 UTC
From: w1aex
Topic: 27393 Message: 27407

Hi Jim,

I use the RT Systems ADMS software for memory programming with my 897D (5 years old) and have enjoyed the convenience since it was new. The ADMS software also allows you to store your setup information for such things as the LCD display settings and programmable buttons on the MH-59 remote mic. You will find that users of the FTBasic program written by G4HFQ are very happy with that package as well.

I also began using Ham Radio Deluxe as soon as the 857/897 series was supported for rig control, with all the sliders you can imagine enabled, with no worries. I believe Yaesu put the CAT port on the back panel exactly for that purpose. I have heard nothing that indicates a flood of failures (or even one failure) for the 857/897 series from using any parts of Ham Radio Deluxe to control its functions.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "kc9aop" <KC9AOP@...> wrote:
>
>
> Your help and comments are appreciated
>
> Jim Bayer - KC9AOP
>

27408. Re: [FT897] Re: AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-21 00:09:47 UTC
From: Joe
Topic: 27383 Message: 27408

Unfortunately, I traded my 897D for an 857D..no room in it. And the BHI unit is AF DSP and the internal DSP in the 897D/857D is IF... However, they actually work quite well together.....

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "tenorman1952" <tenorman1952@...>
Subject: [FT897] Re: AGC (And DSP) mod to FT-897

> Yes, there is room. I have the BHI 1061 DSP board in my FT-897. There is
> a "how to" here in the files. Look at KB5LDD's folder, "BHI DSP module on
> FT-897D".
>
> I don't use the internal battery feature, instead, when using batteries
> (such as Field Day) I have some RBC-6 gel battery sets (1 RBC-6 is
> comprised of two 12 v 12 ah sealed batteries) that I use for that purpose.
>
> The BHI 1061 is a MUCH better DSP than the 897's DSP.

27409. Re: [FT897] Re: AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-21 00:12:08 UTC
From: Joe
Topic: 27383 Message: 27409

Got one already, and the SBC version..both of which work quite well.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "tenorman1952" <tenorman1952@...>
Subject: [FT897] Re: AGC (And DSP) mod to FT-897

>
> An easier way... simply purchase the West Mountain Radio CLR-DSP speaker.
> This speaker has a 2 w audio amp and DSP built into the speaker. The
> FT-897 greatly benefits from a better speaker anyway. And to my ear, the
> CLR-SPKR's DSP sounds identical to the BHI 1061 module. I would be
> willing to bet they share the same chip set.

27410. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 00:31:40 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27410

re " I believe Yaesu put the CAT port on the back panel exactly for that purpose."

If that were true, Yaesu would have documented the CAT instructions that read and write the EEPROM, documented the layout of the information in the EEPROM, and provided an explicit budget for write/erase cycles (subtracting from the EEPROM's limit the writes generated by their embedded software).

Each radio's EEPROM has a lifetime limit on write/erase cycles. The fact that no failure has been reported to date tells you nothing about consumption of that budget by any particular radio other than that you haven't exceeded its limit yet. You might never come within a factor of 10 of exceeding it, or you might exceed it a few seconds after receiving this message.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 8:08 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: EEPROM write dangers?

Hi Jim,

I use the RT Systems ADMS software for memory programming with my 897D (5 years old) and have enjoyed the convenience since it was new. The ADMS software also allows you to store your setup information for such things as the LCD display settings and programmable buttons on the MH-59 remote mic. You will find that users of the FTBasic program written by G4HFQ are very happy with that package as well.

I also began using Ham Radio Deluxe as soon as the 857/897 series was supported for rig control, with all the sliders you can imagine enabled, with no worries. I believe Yaesu put the CAT port on the back panel exactly for that purpose. I have heard nothing that indicates a flood of failures (or even one failure) for the 857/897 series from using any parts of Ham Radio Deluxe to control its functions.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "kc9aop" <KC9AOP@...> wrote:
>
>

> Your help and comments are appreciated
>
> Jim Bayer - KC9AOP
>

[Non-text portions of this message have been removed]

27411. Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 01:03:10 UTC
From: w1aex
Topic: 27393 Message: 27411

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

27412. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 01:20:31 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27412

Rob, as I have pointed out (repeatedly), the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

[Non-text portions of this message have been removed]

27413. Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 01:41:29 UTC
From: w1aex
Topic: 27393 Message: 27413

Fair enough David.

In the interest of clarity, pages 61 and 62 of the 897D manual do give explicit information regarding the command structure used in the FT-897's CAT system. In the manual, owners are invited to explore the use of third party control software as Vertex has chosen not to enter that arena. In fact, multiple examples of how to format control commands are offered for those who wish to write their own software. I suppose using the software would be every bit as safe as using the MH59A8J remote functions on the microphone to adjust my volume levels or frequency on the fly.

On the day my 897D fails with no hope of repair, I will smile, pat its top cover, and thank it for its good service. Then again, my Johnson Viking One is still running fine every day, and it was built in 1950.

Regards,

Rob W1AEX

--- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@...> wrote:
>

27414. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 02:07:35 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27414

You will not find a description of either the "Read EEPROM" or "Write EEPROM" commands on pages 61 or 62 or anywhere else in your 897D manual, or in the equivalent manual for an FT-817 or FT-857. The existence and function of these commands was reverse engineered by Clint KA7OEI.

At present, your supposition about the safety of using software that uses the "Write EEPROM" command is supported only by hope. Your Viking One, however, is perfectly safe.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:41 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: EEPROM write dangers?

Fair enough David.

In the interest of clarity, pages 61 and 62 of the 897D manual do give explicit information regarding the command structure used in the FT-897's CAT system. In the manual, owners are invited to explore the use of third party control software as Vertex has chosen not to enter that arena. In fact, multiple examples of how to format control commands are offered for those who wish to write their own software. I suppose using the software would be every bit as safe as using the MH59A8J remote functions on the microphone to adjust my volume levels or frequency on the fly.

On the day my 897D fails with no hope of repair, I will smile, pat its top cover, and thank it for its good service. Then again, my Johnson Viking One is still running fine every day, and it was built in 1950.

Regards,

Rob W1AEX

--- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@...> wrote:
>

[Non-text portions of this message have been removed]

27415. 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 04:37:22 UTC
From: finnigann2580
Topic: 27415 Message: 27415

Would someone help me understand what these options do?

[From the manual]
MENU MODE No□067 [PG C]
Function: Programming the [C] key (in the Operating Function
Row 17) function.
Available Values: All Multi Function , all Menu Item,
MONI, Q.SPL, TCALL, ATC and USER. <===
Default: ATC

It doesn't seem to be covered in the manual anywhere. I expect they
think I know, but I don't.

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

  HTTP://www.tinyurl.com/bcarc12
  http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

27416. Re: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-21 10:36:24 UTC
From: DavidN
Topic: 27372 Message: 27416

[Quote] I've had the flat cable (and the board) out and back half a dozen times.
It's really no big deal to get reattached. Obviously doing all the mods the first time is the best plan though.

My radio is a D variant so the speech processor mod was already present. In any case I improved the high response both on the op. amp train and also with a bypass capacitor on the emitter of the microphone amplifier (a bipolar NPN).

The AGC mod and optional audio PA bandwidth limiting components improved things to my mind.

The radio is very much a budget model with limited screening so any improvements are worthwhile I think. On the plus side it is attractively priced if you shop around.

Cliff, G4PZK [end quote]

Yes, I got quite good deal from Nevada after seeing them selling the 897 at discount on Ebay.co.uk ;)

You've laid my mind a bit a rest as now looking closely at the flat cable in the photo it does actually look like a proper cable rather than the flat plastic type that can easily break, but as you say, do all mods at once :)
I'm also thinking of adding the DSP module as discussed in another thread.....

Be interested to hear about the 'optional audio PA bandwidth limiting components improved things to my mind' as I can't seem to find that mod and *some* stations on FM sound quite muddy, compared to the FT-2800 I had before.... Also, the value you used for the bypass cap.on the emitter of the mic.amp..

David G4TUP.

[Non-text portions of this message have been removed]

27417. Re: [FT897] 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 15:10:43 UTC
From: K9ZTV
Topic: 27415 Message: 27417

It is covered on page 51of the FT-897D manual, lower right corner,
entitled, "Programming the Panel Key Functions."

73,

Kent K9ZTV

finnigann2580 wrote:
>
>
> Would someone help me understand what these options do?
>
> [From the manual]
> MENU MODE No.067 [PG C]
> Function: Programming the [C] key (in the Operating Function
> Row 17) function.
> Available Values: All Multi Function , all Menu Item,
> MONI, Q.SPL, TCALL, ATC and USER. <===
> Default: ATC
>
> It doesn't seem to be covered in the manual anywhere. I expect they
> think I know, but I don't.
>
> --
>
> 73'S
> DE KC8UGV
>
>

[Non-text portions of this message have been removed]

27418. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 15:32:13 UTC
From: finnigann2580
Topic: 27415 Message: 27418

--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> It is covered on page 51of the FT-897D manual, lower right corner,
> entitled, "Programming the Panel Key Functions."
>
> 73,
>
> Kent K9ZTV
>
>
You don't know either... (-:

I have two versions of the 897 manual and neither one says what these functions do. Or why I might want to employ them.

Perhaps you can post a link to the version of the manual you are referring to.

I have:
file size Name
3,298,389 FT-897D_Operating Manual.pdf
3,134,556 FT-897_OpMan.pdf

As you can see these are very nearly the same size and I can tell you they don't differ much in content.

But I would welcome another source.

advTHANKSance

73'S
DE KC8UGV

27419. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 15:52:42 UTC
From: DavidN
Topic: 27415 Message: 27419

KC8UGV, perhaps you're not being specific enough as to your need. Do you mean the option MENU MODE 067, or the options that can be programmed into Panel Key C? e.g. ATC, Q.SPL, MONI (covered on page 17).

But my question is... what is TCALL and USER?

.d.
G4TUP.

On Fri, Aug 21, 2009 at 4:32 PM, finnigann2580 <finnigann2580@...>wrote:

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, K9ZTV <k9ztv@...>
> wrote:
> >
> > It is covered on page 51of the FT-897D manual, lower right corner,
> > entitled, "Programming the Panel Key Functions."
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> You don't know either... (-:
>
> I have two versions of the 897 manual and neither one says what these
> functions do. Or why I might want to employ them.
>
> Perhaps you can post a link to the version of the manual you are referring
> to.
>
> I have:
> file size Name
> 3,298,389 FT-897D_Operating Manual.pdf
> 3,134,556 FT-897_OpMan.pdf
>
> As you can see these are very nearly the same size and I can tell you they
> don't differ much in content.
>
> But I would welcome another source.
>
> advTHANKSance
>
> 73'S
> DE KC8UGV

>
>
>

[Non-text portions of this message have been removed]

27420. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:03:36 UTC
From: rschaffrath
Topic: 27415 Message: 27420

The bottom of page 17 of the FT-897D talks about Q.SPLIT, ATC and MONI. The other settings, USER and TCALL, appear to be MH-59A8J features.

Robert, N2JTX

--- In FT897@yahoogroups.com, "finnigann2580" <finnigann2580@...> wrote:
> I have two versions of the 897 manual and neither one says what these functions do. Or why I might want to employ them.
>
> Perhaps you can post a link to the version of the manual you are referring to.
>
> I have:
> file size Name
> 3,298,389 FT-897D_Operating Manual.pdf
> 3,134,556 FT-897_OpMan.pdf
>
> As you can see these are very nearly the same size and I can tell you they don't differ much in content.
>
> But I would welcome another source.
>
> advTHANKSance
>
>
> 73'S
> DE KC8UGV
>

27421. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:11:43 UTC
From: finnigann2580
Topic: 27415 Message: 27421

--- In FT897@yahoogroups.com, DavidN <david@...> wrote:
>
> KC8UGV, perhaps you're not being specific enough as to your need. Do you
> mean the option MENU MODE 067, or the options that can be programmed into
> Panel Key C? e.g. ATC, Q.SPL, MONI (covered on page 17).
>
> But my question is... what is TCALL and USER?
>
> .d.
> G4TUP.
>

My question too. In my post with the RICH-TEXT option, I had made the four choices bold. That didn't show up on my message.

Quite right, the four function that can be programmed into menu screen 'Q'
Namely:
1. MONI - Monitor? This button does it's duty only while you hold it.
2. Q.SPL - Quickly adds SPL to the upper left corner of the display.
3. TCALL - Sends a signal. Tuner calibrate?
4. USER - This adds [] brackets around the menu item. Showing it's selected.

Alright. I should have done this step BEFORE I worthe my first message. But if anyone cares to expand on my definitions PLEASE feel free.

27422. W4RT Electronics bhi DSP Module (NEDSP-1061 KBD)

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:16:54 UTC
From: K9ZTV
Topic: 27415 Message: 27422

Anyone contemplating the purchase of W4RT Electronics' NEDSP-1061 DSP module should be advised of the following:

1) It is an excellent module and W4RT is an excellent vendor.

2) In-board installation, whether done by yourself or by W4RT, results in a slight but noticeable distortion in the audio of SSB/AM/FM signals on SOME transceivers. It is believed that early production FT-897s and FT-817s carried a component that was different in value from the one indicated in the schematics. It is believed that this issue appeared either on this reflector or on the FT-817 reflector early on in the life of both reflectors, but those I have talked to about this problem cannot recall which reflector, or which component, or during what lot number(s).

3) The distortion is most noticeable when listening to local broadcast stations on the FM band (88-108 Mcs.) It will appear as a "clipping" every 10 seconds or so. Since purchasing the FT-897 in 2002 (SN 2J-020481) I have often enjoyed listening to classical music at my office while doing bookwork (the curse of small business) and have always marveled at how good it sounded through an external speaker. Earlier this summer I had W4RT install the DSP module and the distortion/clipping immediately was apparent upon its return. They installed a replacement module but the distortion remained.

4) If anyone knows anything about the incorrectly installed component (resistor, capacitor -- no one seems to remember), please contact me.

5) My own immediate solution was to purchase a new FT-897D which I had been contemplating anyway since Yaesu has improved the rig over the intervening seven years with a better roofing filter and other circuit changes. But I would very much like to correct the problem in the 2002 rig.

6) I would assume the outboard bhi DSP module (1062) is unaffected since no modifications are made to the transceiver itself.

73,

Kent Trimble, K9ZTV
Jefferson City, MO

[Non-text portions of this message have been removed]

27423. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:20:17 UTC
From: finnigann2580
Topic: 27415 Message: 27423

--- In FT897@yahoogroups.com, "rschaffrath" <robert@...> wrote:
>
> The bottom of page 17 of the FT-897D talks about Q.SPLIT, ATC and MONI. The other settings, USER and TCALL, appear to be MH-59A8J features.
>
> Robert, N2JTX

OK this helps a bit.

[From the manual]

[A] Key: MONI
Press the [A](MONI) key to disable the Noise Squelch.
You may program the configuration of this key by the Menu Mode No-065 [PG A].

A fast way to hear those weak signals?

[B] Key: QSPL
Press the [B](QSPL) key to change the Sub VFO frequency (Main VFO frequency + 5 kHz) and automatically engage
the "Split" feature.
You may program the configuration of this key by the Menu Mode No-066 [PG B].

Quick Split. That one I can see straight away. To work a pile-up this is often the way one station can sort thru all of the calling stations as fast as possible.

[C] Key: ATC
Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds when pressing the PTT switch while the channel
is clear.
You may program the configuration of this key by the Menu Mode No-067

What does ATC stand for? And why/when would this be useful?
[PG C].

And TCall and USER ?

This is helping!
Thanks!

27424. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:28:43 UTC
From: Richard Corfield
Topic: 27415 Message: 27424

If I get time I could test what I suspect TCALL is. On some older Yaesu radios it is "Tone Call" and will cause the radio to transmit a tone while it is pressed in order to open older repeaters that don't use CTCSS. The test will be to use two radios and listen on the second while pressing this button in the 897. Even if you have only one radio, see if the transmit light comes on when you press this button.

- Richard (M0RJC)

2009/8/21 finnigann2580 <finnigann2580@...>

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "rschaffrath"
> <robert@...> wrote:
> >
> > The bottom of page 17 of the FT-897D talks about Q.SPLIT, ATC and MONI.
> The other settings, USER and TCALL, appear to be MH-59A8J features.
> >
> > Robert, N2JTX
>
> OK this helps a bit.
>
> [From the manual]
>
> [A] Key: MONI
> Press the [A](MONI) key to disable the Noise Squelch.
> You may program the configuration of this key by the Menu Mode No-065 [PG
> A].
>
> A fast way to hear those weak signals?
>
> [B] Key: QSPL
> Press the [B](QSPL) key to change the Sub VFO frequency (Main VFO frequency
> + 5 kHz) and automatically engage
> the "Split" feature.
> You may program the configuration of this key by the Menu Mode No-066 [PG
> B].
>
> Quick Split. That one I can see straight away. To work a pile-up this is
> often the way one station can sort thru all of the calling stations as fast
> as possible.
>
> [C] Key: ATC
> Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds when
> pressing the PTT switch while the channel

> is clear.
> You may program the configuration of this key by the Menu Mode No-067
>
> What does ATC stand for? And why/when would this be useful?
> [PG C].
>
> And TCall and USER ?
>
> This is helping!
> Thanks!
>
>
>

[Non-text portions of this message have been removed]

27425. FT-897 MANUAL

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:33:04 UTC
From: K9ZTV
Topic: 27425 Message: 27425

Mr. Finnigann . . .

I can send you a PDF of the paragraph I cited if you wish.

Menu row "q" allows for user-programming of the three buttons (A,B,C)
located under the display for use when you are IN menu row "q".

For example, on my rig I have the A-button programmed to put the
(optional) 300 filter inline; the B-button programmed to put the 2.3
filter inline; and the C-button programmed to activate the [KYR] function.

It's merely to make the rig for flexible for individual users.

How can I help further? Offline would be best.

73,

Kent K9ZTV

[Non-text portions of this message have been removed]

27426. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:34:25 UTC
From: finnigann2580
Topic: 27415 Message: 27426

--- In FT897@yahoogroups.com, "finnigann2580" <finnigann2580@...> wrote:
>
> --- In FT897@yahoogroups.com, "rschaffrath" <robert@> wrote:
> >
>
>
> [C] Key: ATC
> Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds when pressing the PTT switch while the channel
> is clear.
> You may program the configuration of this key by the Menu Mode No-067
>
> What does ATC stand for? And why/when would this be useful?
> [PG C].
>

> And TCall and USER ?
>
> This is helping!
> Thanks!

I found out the difference in the two manuals I have, one doesn't cover the optional microphone. Which is where another clue to my question lays.

The 1750mhz tone is used for repeater access. Mostly in Europe.

OKay, this is good.

USER, last one:

"USER" DEFINED DIGITAL MODES [pg 39 Operating Manual]
Also provided in the FT-897D are two convenient "USER"
Digital modes, one each providing USB- and LSB-side injection,
which may be used for SSTV, Fax, Pactor, and other
digital operating modes.

I'm not up on my digital mode usage. But three out of four ain't bad.

27427. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 17:42:06 UTC
From: Richard Corfield
Topic: 27415 Message: 27427

TCALL did as I expected and as described here. Maybe I need to read the
manual, but ATC?

- Richard

2009/8/21 finnigann2580 <finnigann2580@...>

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "finnigann2580"
> <finnigann2580@...> wrote:
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "rschaffrath"
> <robert@> wrote:
> > >
> >
> >
> > [C] Key: ATC
> > Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds
> when pressing the PTT switch while the channel
> > is clear.
> > You may program the configuration of this key by the Menu Mode No-067
> >
> > What does ATC stand for? And why/when would this be useful?
> > [PG C].
> >
>
> > And TCall and USER ?
> >
> > This is helping!
> > Thanks!
>
> I found out the difference in the two manuals I have, one doesn't cover the
> optional microphone. Which is where another clue to my question lays.
>
> The 1750mhz tone is used for repeater access. Mostly in Europe.
>
> OKay, this is good.
>
> USER, last one:
>
> "USER" DEFINED DIGITAL MODES [pg 39 Operating Manual]
> Also provided in the FT-897D are two convenient "USER"
> Digital modes, one each providing USB- and LSB-side injection,
> which may be used for SSTV, Fax, Pactor, and other
> digital operating modes.

>
> I'm not up on my digital mode usage. But three out of four ain't bad.
>
>
>

[Non-text portions of this message have been removed]

27428. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 17:55:00 UTC
From: Randy Charles Ford
Topic: 27415 Message: 27428

ATC; Automatic Tone Call?

On Friday 21 August 2009 12:42:06 Richard Corfield wrote:
> TCALL did as I expected and as described here. Maybe I need to read the
> manual, but ATC?
>
> - Richard
>
> 2009/8/21 finnigann2580 <finnigann2580@...>
>
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "finnigann2580"
> >
> > <finnigann2580@...> wrote:
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "rschaffrath"
> >
> > <robert@> wrote:
> > > [C] Key: ATC
> > > Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds
> >
> > when pressing the PTT switch while the channel
> >
> > > is clear.
> > > You may program the configuration of this key by the Menu Mode No-067
> > >
> > > What does ATC stand for? And why/when would this be useful?
> > > [PG C].
> > >
> > >
> > > And TCall and USER ?
> > >
> > > This is helping!
> > > Thanks!

27429. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 18:22:59 UTC
From: Richard Corfield
Topic: 27415 Message: 27429

Automatic Tone Call, whenever you key. Lasts a bit long though.

- Richard

2009/8/21 Richard Corfield <richard.corfield@...>

> TCALL did as I expected and as described here. Maybe I need to read the
> manual, but ATC?
>
> - Richard
>
> 2009/8/21 finnigann2580 <finnigann2580@...>
>
>>
>>
>> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "finnigann2580"
>> <finnigann2580@...> wrote:
>>
>> >
>> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "rschaffrath"
>> <robert@> wrote:
>> > >
>> >
>> >
>> > [C] Key: ATC
>> > Press the [C](ATC) key to activate a 1750-Hz burst tone for 2 seconds
>> when pressing the PTT switch while the channel
>> > is clear.
>> > You may program the configuration of this key by the Menu Mode No-067
>> >
>> > What does ATC stand for? And why/when would this be useful?
>> > [PG C].
>> >
>>
>> > And TCall and USER ?
>> >
>> > This is helping!
>> > Thanks!
>>
>> I found out the difference in the two manuals I have, one doesn't cover
>> the optional microphone. Which is where another clue to my question lays.
>>
>> The 1750mhz tone is used for repeater access. Mostly in Europe.
>>
>> OKay, this is good.
>>

>> USER, last one:
>>
>> "USER" DEFINED DIGITAL MODES [pg 39 Operating Manual]
>> Also provided in the FT-897D are two convenient "USER"
>> Digital modes, one each providing USB- and LSB-side injection,
>> which may be used for SSTV, Fax, Pactor, and other
>> digital operating modes.
>>
>> I'm not up on my digital mode usage. But three out of four ain't bad.
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

27430. Re: FT-897 MANUAL

Yahoo group: FT897 (2009)
Date: 2009-08-21 19:18:50 UTC
From: finnigann2580
Topic: 27425 Message: 27430

--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> Mr. Finnigann . . .

Actually my name is Jim King

>
> I can send you a PDF of the paragraph I cited if you wish.

Good news. I located the info with alot of help on various pages. of the two mauals I already had.

The manuals are not designed to be teaching manuals and suffer when I tried to use them that way.

>
> Menu row "q" allows for user-programming of the three buttons (A,B,C)
> located under the display for use when you are IN menu row "q".
>
> For example, on my rig I have the A-button programmed to put the
> (optional) 300 filter inline; the B-button programmed to put the 2.3
> filter inline; and the C-button programmed to activate the [KYR] function.
>

I experimented with the menu 'Q' too I had the power level adjustment on one. But I didn't understand then what the default options ment/did. I have a much better understanding now.

Recapping:
1. Press the [A](MONI) key to disable the Noise Squelch.

2. Press the (QSPL) key to change the Sub VFO frequency (Main VFO frequency + 5 kHz) and automatically engage
the "Split" feature.

3. Press the (TCALL) - Sends a signal. Tuner calibrate?

4. Press the (ATC) key to activate a 1750-Hz burst tone for 2 seconds when pressing the PTT switch while the channel
is clear.

5. Press the (USER) - DEFINED DIGITAL MODES
Also provided in the FT-897D are two convenient "USER" Digital modes, one each providing USB- and LSB-side injection,
which may be used for SSTV, Fax, Pactor, and other digital operating modes.

27431. RE: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-21 21:03:24 UTC
From: Cliff Bryant
Topic: 27372 Message: 27431

Hi David

If I recall correctly the capacitor was 220n, I actually used 2x100n in parallel as that was all I had. You can calculate the turnover frequency for the amplifier easily enough and set it to what you want.

The mod to the audio PA is to provide HF rolloff for the output audio amplifier. It just reduces the hiss (that's hiss from the amplifier rather than the radio although it will do both of course). Just search for the data sheet on the output TDA device (can't remember the part number off hand). The data sheet specifies the changes, basically just an R and C in series.

I got my rig second hand (it was actually new and boxed, unopened) from another G4. It was bought specifically to take on holiday and operate from a solar panel plus battery. It works pretty well in fact after the audio had been lifted a little.

It's never going to sound 'hifi' (not that I want it to) but a little hf boost helps when running relative QRP.

Cliff

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DavidN
Sent: 21 August 2009 11:36
To: FT897@yahoogroups.com
Subject: Re: [FT897] AGC mod to FT-897 - anyone done it?

[Quote] I've had the flat cable (and the board) out and back half a dozen
times.
It's really no big deal to get reattached. Obviously doing all the mods the first time is the best plan though.

My radio is a D variant so the speech processor mod was already present. In any case I improved the high response both on the op. amp train and also with a bypass capacitor on the emitter of the microphone amplifier (a bipolar NPN).

The AGC mod and optional audio PA bandwidth limiting components improved things to my mind.

The radio is very much a budget model with limited screening so any improvements are worthwhile I think. On the plus side it is attractively priced if you shop around.

Cliff, G4PZK [end quote]

Yes, I got quite good deal from Nevada after seeing them selling the 897 at
discount on Ebay.co.uk ;)

You've laid my mind a bit a rest as now looking closely at the flat cable in
the photo it does actually look like a proper cable rather than the flat plastic type that can easily break, but as you say, do all mods at once :)
I'm also thinking of adding the DSP module as discussed in another thread.....

Be interested to hear about the 'optional audio PA bandwidth limiting components improved things to my mind' as I can't seem to find that mod and
some stations on FM sound quite muddy, compared to the FT-2800 I had before.... Also, the value you used for the bypass cap.on the emitter of the
mic.amp..

David G4TUP.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27432. Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 23:17:16 UTC
From: kc9aop
Topic: 27393 Message: 27432

I was not trying to start a "religious" debate on EEPROM endurance, but it is an interesting topic. Has KA7OEI released his findings to the public?

--- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@...> wrote:
>
> You will not find a description of either the "Read EEPROM" or "Write
> EEPROM" commands on pages 61 or 62 or anywhere else in your 897D manual, or
> in the equivalent manual for an FT-817 or FT-857. The existence and function
> of these commands was reverse engineered by Clint KA7OEI.
>
> At present, your supposition about the safety of using software that uses
> the "Write EEPROM" command is supported only by hope. Your Viking One,
> however, is perfectly safe.
>
> 73,
>
> Dave, AA6YQ
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of w1aex
> Sent: Thursday, August 20, 2009 9:41 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: EEPROM write dangers?
>
>
> Fair enough David.
>
> In the interest of clarity, pages 61 and 62 of the 897D manual do give
> explicit information regarding the command structure used in the FT-897's
> CAT system. In the manual, owners are invited to explore the use of third
> party control software as Vertex has chosen not to enter that arena. In
> fact, multiple examples of how to format control commands are offered for
> those who wish to write their own software. I suppose using the software
> would be every bit as safe as using the MH59A8J remote functions on the
> microphone to adjust my volume levels or frequency on the fly.
>
> On the day my 897D fails with no hope of repair, I will smile, pat its top
> cover, and thank it for its good service. Then again, my Johnson Viking One
> is still running fine every day, and it was built in 1950.
>
> Regards,
>
> Rob W1AEX

>
> --- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@> wrote:
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27433. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 00:05:02 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27433

Clink KA7OEI's "findings" have been available on the web since early 2002:

<http://www.ka7oei.com/ft817_meow.html>

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
kc9aop
Sent: Friday, August 21, 2009 7:17 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: EEPROM write dangers?

I was not trying to start a "religious" debate on EEPROM endurance, but it
is an interesting topic. Has KA7OEI released his findings to the public?

--- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@...> wrote:
>
> You will not find a description of either the "Read EEPROM" or "Write
> EEPROM" commands on pages 61 or 62 or anywhere else in your 897D manual,
or
> in the equivalent manual for an FT-817 or FT-857. The existence and
function
> of these commands was reverse engineered by Clint KA7OEI.
>
> At present, your supposition about the safety of using software that uses
> the "Write EEPROM" command is supported only by hope. Your Viking One,
> however, is perfectly safe.
>
> 73,
>
> Dave, AA6YQ
>
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
w1aex
> Sent: Thursday, August 20, 2009 9:41 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: EEPROM write dangers?
>
>
> Fair enough David.

>
> In the interest of clarity, pages 61 and 62 of the 897D manual do give
> explicit information regarding the command structure used in the FT-897's
> CAT system. In the manual, owners are invited to explore the use of third
> party control software as Vertex has chosen not to enter that arena. In
> fact, multiple examples of how to format control commands are offered for
> those who wish to write their own software. I suppose using the software
> would be every bit as safe as using the MH59A8J remote functions on the
> microphone to adjust my volume levels or frequency on the fly.
>
> On the day my 897D fails with no hope of repair, I will smile, pat its top
> cover, and thank it for its good service. Then again, my Johnson Viking
One
> is still running fine every day, and it was built in 1950.
>
> Regards,
>
> Rob W1AEX
>
> --- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@> wrote:
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27434. CAT communications

Yahoo group: FT897 (2009)
Date: 2009-08-21 23:20:09 UTC
From: kc9aop
Topic: 27434 Message: 27434

Is there a tes tbed program that is generally used to send the discreet CAT commands to the 897? Since you can't really send hex characters with hyperterm I'm just wondering if there is a generally known alternative?

Jim - KC9AOP

27435. RE: [FT897] CAT communications

Yahoo group: FT897 (2009)
Date: 2009-08-22 03:29:41 UTC
From: D. F.
Topic: 27434 Message: 27435

You mean something like Ham Radio Deluxe (HRD)?

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kc9aop
Sent: Friday, August 21, 2009 18:20
To: FT897@yahoogroups.com
Subject: [FT897] CAT communications

Is there a tes tbed program that is generally used to send the discreet CAT commands to the 897? Since you can't really send hex characters with hyperterm I'm just wondering if there is a generally known alternative?

Jim - KC9AOP

[Non-text portions of this message have been removed]

27436. RE: [FT897] CAT communications

Yahoo group: FT897 (2009)
Date: 2009-08-22 03:31:45 UTC
From: Dave AA6YQ
Topic: 27434 Message: 27436

Commander lets you

- define up to 16 button-initiated command sequences, with each sequence containing up to 32 commands. For the Yaesu FT-817/857/897 transceivers, commands are expressed in hexadecimal. Commands within a sequence can also alter the flow of control, change the caption on their initiating button, and illuminate an LED-like display in a specified color.

- define up to 8 "sliders", each of which when moved substitutes the current value of the slider into a command template and sends the resulting CAT command to your transceiver

- view and record the CAT commands its sends to your transceiver and the responses received from your transceiver

Commander is free, and available via www.dxlabsuite.com . The use of its command sequences and sliders is documented in http://www.dxlabsuite.com/commander/Help/CommandSequences.htm .

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kc9aop
Sent: Friday, August 21, 2009 7:20 PM
To: FT897@yahoogroups.com
Subject: [FT897] CAT communications

Is there a tes tbed program that is generally used to send the discreet CAT commands to the 897? Since you can't really send hex characters with hyperterm I'm just wondering if there is a generally known alternative?

Jim - KC9AOP

[Non-text portions of this message have been removed]

27437. Re: [FT897] Re: AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-21 01:04:12 UTC
From: John Geiger
Topic: 27383 Message: 27437

The internal DSP in the FT857D/897D is also AF DSP, not IF DSP.

73s John AA5JG

--- On Thu, 8/20/09, Joe <WA6RKN@...> wrote:

From: Joe <WA6RKN@...>
Subject: Re: [FT897] Re: AGC (And DSP) mod to FT-897
To: FT897@yahoogroups.com
Date: Thursday, August 20, 2009, 7:12 PM

Got one already, and the SBC version..both of which work quite well.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "tenorman1952" <tenorman1952@ yahoo.com>
Subject: [FT897] Re: AGC (And DSP) mod to FT-897

>
> An easier way... simply purchase the West Mountain Radio CLR-DSP speaker.
> This speaker has a 2 w audio amp and DSP built into the speaker. The
> FT-897 greatly benefits from a better speaker anyway. And to my ear, the
> CLR-SPKR's DSP sounds identical to the BHI 1061 module. I would be
> willing to bet they share the same chip set.

[Non-text portions of this message have been removed]

27438. Re: [FT897] AGC (And DSP) mod to FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-20 20:33:16 UTC
From: John Geiger
Topic: 27383 Message: 27438

Joe,

The TS480 does not contain IF DSP, only AF DSP. A good example of AF vs IF comes with a notch filter. A IF notch filter will remove the carrier before it gets into the AGC loop. You will see the S meter reading drop when you engage the filter, and the later stages of the receiver are no longer hearing the carrier and reacting to it, like AGC pumping. A AF notch will prevent you from hearing the carrier (maybe) but the receiver is still hearing it. Check the S meter-the reading for the carrier doesn't change. The AGC circuit will be reacting to the carrier and maybe desensing the receiver.

A good example of this was on the TS570D. I used one for a little while before installing the CW filter. I could use the AF bandpass DSP filter to narrow down the receive on CW, but all of a sudden, a signal I was listening to disappeared! I opened up the DSP bandpass filter and there was a strong CW station 1KHZ up or so. I wasn't hearing it thanks to the DSP but the receiver was and was reacting to it. The AGC reduced the front end gain due to this other signal, so I lost the signal I was copying.

73s John AA5JG

--- On Thu, 8/20/09, Joe <WA6RKN@gmail.com> wrote:

From: Joe <WA6RKN@...>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897
To: FT897@yahoogroups.com
Date: Thursday, August 20, 2009, 3:12 PM

For 1, the new Kenwood TS-480HX, (
http://inform3. kenwoodusa. com/Brochures/ Communications/ UnitedStates/ AMA/TS-480HX. pdf
) TS-480 SA, and all of their new line of HF radios (To be released next
year) will included AF as well as IF DSP.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "John Geiger" <aa5jg@yahoo. com>
Subject: Re: [FT897] AGC (And DSP) mod to FT-897

But the IF DSP will take out the noise before it pumps the AGC (and shows
up on the S meter) causing desense on receive. Most new radios today are IF
DSP-the Yaesu FT450/950/2000/ 9000 and the Icom 7200/7000/746PRO/ 7600/7800
etc.

Which new radio that has come out in the past 2 years has AF DSP on it?

[Non-text portions of this message have been removed]

27439. Re: [FT897] 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 05:36:38 UTC
From: Thomas Wilson
Topic: 27415 Message: 27439

Okay, you know when you press F and turn the dial, the menu items at the bottom of the screen change?

There are several pages, a-q. The last one, and the 3 buttons on that page are configurable.

Menu 67 changes the action that the C key has when it's on that last page. That should mean that 65 and 66 edit the A and B buttons.

As an added bonus, if you buy the DTMF microphone, you can program the ACC key and the P1 and P2 keys for any purpose as well. I have my ACC key programmed for the power level menu entry, and the P1 and P2 toggle the IPO and ATT functions.

On Thu, Aug 20, 2009 at 9:37 PM, finnigann2580<finnigann2580@...> wrote:
>
>
> Would someone help me understand what these options do?
>
> [From the manual]
> MENU MODE No•067 [PG C]
> Function: Programming the [C] key (in the Operating Function
> Row 17) function.
> Available Values: All Multi Function , all Menu Item,
> MONI, Q.SPL, TCALL, ATC and USER. <===
> Default: ATC
>
> It doesn't seem to be covered in the manual anywhere. I expect they
> think I know, but I don't.
>
> --
>
> 73'S
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
>   HTTP://www.tinyurl.com/bcarc12
>   http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>
> [Non-text portions of this message have been removed]
>
>

--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27440. Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:28:56 UTC
From: ki6abz
Topic: 27415 Message: 27440

--- In FT897@yahoogroups.com, "finnigann2580" <finnigann2580@...> wrote:
>
> Would someone help me understand what these options do?
>
> [From the manual]
> MENU MODE No□067 [PG C]
> Function: Programming the [C] key (in the Operating Function
> Row 17) function.
> Available Values: All Multi Function , all Menu Item,
> MONI, Q.SPL, TCALL, ATC and USER. <===
> Default: ATC
>

Heh. I misunderstood the first time around. I thought you were trying to find out what Menu 67 does, but you're asking about the specific items there.

MONI: lets you disable squelch to listen to a channel. (Useful when using tone squelch)
Q.SPL: Quick split. Transmit 5KHz higher than the current frequency.
TCALL: not mentioned in the manual.
ATC: sets the 1750 Hz tone burst for opening European repeaters.
USER: The only reference I can find to this is the USER-L/U digital modes. Don't know if this activates digital mode or what...

27441. Re: [FT897] Re: 897 ??s

Yahoo group: FT897 (2009)
Date: 2009-08-21 16:39:42 UTC
From: Thomas Wilson
Topic: 27415 Message: 27441

BTW, it's not a 1750 MHz tone. It's a 1750 Hz tone. That's a nice, high pitched BEEP, probably about the same frequency as the annoying little buzzers in multi-meters and watch alarms.

I have a digital interface box plugged in to the 897 at home. I'll try the USER toggle tonight; if that's a quicker way to select digital mode, that might be useful.

On Fri, Aug 21, 2009 at 9:34 AM, finnigann2580<finnigann2580@...> wrote:
> "USER" DEFINED DIGITAL MODES [pg 39 Operating Manual]
> Also provided in the FT-897D are two convenient "USER"
> Digital modes, one each providing USB- and LSB-side injection,
> which may be used for SSTV, Fax, Pactor, and other
> digital operating modes.

--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27442. Re: [FT897] CAT communications

Yahoo group: FT897 (2009)
Date: 2009-08-22 05:07:04 UTC
From: Tom Wilson
Topic: 27434 Message: 27442

Ham radio deluxe can do that.

Sent from my iPhone

On Aug 21, 2009, at 4:20 PM, "kc9aop" <KC9AOP@...> wrote:

>
> Is there a tes tbed program that is generally used to send the
> discreet
> CAT commands to the 897? Since you can't really send hex characters
> with hyperterm I'm just wondering if there is a generally known
> alternative?
>
> Jim - KC9AOP
>
>

[Non-text portions of this message have been removed]

27443. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-21 07:10:29 UTC
From: Dr Mark Vaughan
Topic: 27393 Message: 27443

You this is quite funny.

Seems people are happy to play around in the memory setting without any worries as you suggest.

There are issues with lifetimes to EEproms if written to too many times, though it is rare Eeproms collapse from this. On old equipment 15 to 20 years we do however sometimes see memory ic's of various types failing over time rather than being over written where the logic output levels drop below the threshold. Usually if you lower the power supply voltage of an eprom reader, you can get the code out and reprogram them. Not sure about the serial write ones, haven't had one die due to age yet, but this happens with both Eproms and EEproms.

Back to the funny bit.

A day or so ago we had lots of legal arguments from wide banding an operation where we at least know the outcome. But randomly playing with the internal memory parameters where lots of the setup and calibration parameters exist without a clue what any of those memory areas do, is more likely to create an illegal radio, even within the ham bands, I am amazed none or a legal bods have piped up, not that I wish that either.

There are people who have developed external software to modify these, I do know one has a full lab and thoroughly tested the radio after various changes he made whilst learning the mapping structure. However people should avoid randomly changing things unless they have the skills and test equipment to prove the radio is suitable to continue to be used, I know most hams licenses require that, but I rarely see a ham that properly conducts any tests.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dave AA6YQ
Sent: 21 August 2009 02:21
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly), the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27444. extra PA-PTT via ACC socket

Yahoo group: FT897 (2009)
Date: 2009-08-22 12:14:00 UTC
From: dk5ew
Topic: 27444 Message: 27444

I made a small pictured advice in German/English language.
All on your own risk.
73's Erwin/DK5EW

Link: http://www.qslnet.de/member/dk5ew/FT-897D%20extra%20PA-PTT.pdf

27445. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 12:56:30 UTC
From: Cliff Bryant
Topic: 27393 Message: 27445

Hi Mark

I can't agree that it's rare for EEPROMs to collapse if written to too many times.

It's rare that they collapse if used within specified write parameters (number of writes) but if you write to them beyond their specification they most definitely do fail (at some point). We get instances of this from time to time with our embedded systems when a junior (or senior!) engineer makes an error in his coding and writes (often during a timing routine) to a device. It's more annoying when the device in question is something like an Atmel processor where the EEPROM in question is on chip.

As I said before I do think that it's very unlikely that Yaesu will write to the device unless absolutely necessary (good programmers will 'ring fence' the write routine during development and add a counter to check for this) however if somebody simply writes a program to continuously update FT897D memories it will eventually fail.

As for the legal issues they very much depend on the jurisdiction involved of course. Band police are everywhere as well these days, not least because less and less folk have any idea about the technology involved.

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dr Mark Vaughan
Sent: 21 August 2009 08:10
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: EEPROM write dangers?

You this is quite funny.

Seems people are happy to play around in the memory setting without any worries as you suggest.

There are issues with lifetimes to EEproms if written to too many times, though it is rare Eeproms collapse from this. On old equipment 15 to 20 years we do however sometimes see memory ic's of various types failing over
time rather than being over written where the logic output levels drop below
the threshold. Usually if you lower the power supply voltage of an eprom reader, you can get the code out and reprogram them. Not sure about the serial write ones, haven't had one die due to age yet, but this happens

with
both Eproms and EEproms.

Back to the funny bit.

A day or so ago we had lots of legal arguments from wide banding an operation where we at least know the outcome. But randomly playing with the
internal memory parameters where lots of the setup and calibration parameters exist without a clue what any of those memory areas do, is more
likely to create an illegal radio, even within the ham bands, I am amazed
none or a legal bods have piped up, not that I wish that either.

There are people who have developed external software to modify these, I do
know one has a full lab and thoroughly tested the radio after various changes he made whilst learning the mapping structure. However people should
avoid randomly changing things unless they have the skills and test equipment to prove the radio is suitable to continue to be used, I know most
hams licenses require that, but I rarely see a ham that properly conducts
any tests.

73 Mark

Dr. Mark Vaughan Ph'D., B.Eng. M0VAU

Managing Director

Vaughan Industries Ltd., reg in UK no 2561068

Water Care Technology Ltd, reg in UK no 4129351

Addr Unit3, Sydney House, Blackwater, Truro, Cornwall, TR4 8HH UK.

Phone/Fax 44 (0) 1872 561288

RSGB DRM111 (Cornwall)

[Non-text portions of this message have been removed]

27446. Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 14:15:36 UTC
From: finnigann2580
Topic: 27446 Message: 27446

Is anyone in this an actual employee of Yaesu? Maybe in the tech end of things.

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27447. Re: 897 ??s - Optional menu items

Yahoo group: FT897 (2009)
Date: 2009-08-22 14:27:21 UTC
From: finnigann2580
Topic: 27415 Message: 27447

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> BTW, it's not a 1750 MHz tone. It's a 1750 Hz tone. That's a nice,
> high pitched BEEP, probably about the same frequency as the annoying
> little buzzers in multi-meters and watch alarms.
>

Stupid fingers... of course it is.

> I have a digital interface box plugged in to the 897 at home. I'll try
> the USER toggle tonight; if that's a quicker way to select digital
> mode, that might be useful.
>

It'll be interesting to learn about this hither-to un-used function.

I just figured (after watching this group) that eveyone knew about everything about the 897D.

Me, on the other hand, am floundering in a (deep) sea of ignorance.
But I'm learning something everyday. For example... I lean\rned not long ago that an antenna (vertical in this case) can be setup on a trailer roof JUST like a magmount on a car. The trailer roof acts like the ground plane. -- I didn't know this. And since I *live* in such a trailer, on a lot hardly bigger than the trailer, a good ground system was but a dream for me.

I wrote a couple of antenna manufactures and asked them... Oh yeah they all knew of hams that had such a set up. NEWS to me. I've never read a single word about anything working near a trailer.

What a day that was!

But I digress... sorry.

> On Fri, Aug 21, 2009 at 9:34 AM, finnigann2580<finnigann2580@...> wrote:
> > "USER" DEFINED DIGITAL MODES [pg 39 Operating Manual]
> > Also provided in the FT-897D are two convenient "USER"
> > Digital modes, one each providing USB- and LSB-side injection,
> > which may be used for SSTV, Fax, Pactor, and other
> > digital operating modes.
> --
>

27448. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 15:19:00 UTC
From: Darren S
Topic: 27393 Message: 27448

EEproms memory also has a read limit too. It's higher than the write limit but the system writes to the eeprom when you set a memory or turn the machine off. Telling nt to write to something at all that allows a million or so write cycles before it starts to fail even if it does then is panic spreading. likely my 897 will not last as long as its eeprom

---
From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27449. Re: [FT897] AGC mod to FT-897 - anyone done it?

Yahoo group: FT897 (2009)
Date: 2009-08-22 15:46:07 UTC
From: DavidN
Topic: 27372 Message: 27449

Thanks Cliff for all the info - all useful stuff. Yes I hear the hiss myself so another mod to do. But as other have said, the FT-897 is great for the money. I enjoy operating with it.

David G4TUP.

On Fri, Aug 21, 2009 at 10:03 PM, Cliff Bryant <CliffB@...> wrote:

>
>
> Hi David
>
> If I recall correctly the capacitor was 220n, I actually used 2x100n in
> parallel as that was all I had. You can calculate the turnover frequency
> for the amplifier easily enough and set it to what you want.
>
> The mod to the audio PA is to provide HF rolloff for the output audio
> amplifier. It just reduces the hiss (that's hiss from the amplifier
> rather than the radio although it will do both of course). Just search
> for the data sheet on the output TDA device (can't remember the part
> number off hand). The data sheet specifies the changes, basically just
> an R and C in series.
>
> I got my rig second hand (it was actually new and boxed, unopened) from
> another G4. It was bought specifically to take on holiday and operate
> from a solar panel plus battery. It works pretty well in fact after the
> audio had been lifted a little.
>
> It's never going to sound 'hifi' (not that I want it to) but a little hf
> boost helps when running relative QRP.
>
> Cliff
>
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> DavidN
> Sent: 21 August 2009 11:36
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] AGC mod to FT-897 - anyone done it?
>
> [Quote] I've had the flat cable (and the board) out and back half a
> dozen
> times.
> It's really no big deal to get reattached. Obviously doing all the mods
> the first time is the best plan though.

>
> My radio is a D variant so the speech processor mod was already present.
> In any case I improved the high response both on the op. amp train and
> also with a bypass capacitor on the emitter of the microphone amplifier
> (a bipolar NPN).
>
> The AGC mod and optional audio PA bandwidth limiting components improved
> things to my mind.
>
> The radio is very much a budget model with limited screening so any
> improvements are worthwhile I think. On the plus side it is attractively
> priced if you shop around.
>
> Cliff, G4PZK [end quote]
>
> Yes, I got quite good deal from Nevada after seeing them selling the 897
> at
> discount on Ebay.co.uk ;)
>
> You've laid my mind a bit a rest as now looking closely at the flat
> cable in
> the photo it does actually look like a proper cable rather than the flat
> plastic type that can easily break, but as you say, do all mods at once
> :)
> I'm also thinking of adding the DSP module as discussed in another
> thread.....
>
> Be interested to hear about the 'optional audio PA bandwidth limiting
> components improved things to my mind' as I can't seem to find that mod
> and
> *some* stations on FM sound quite muddy, compared to the FT-2800 I had
> before.... Also, the value you used for the bypass cap.on the emitter of
> the
> mic.amp..
>
> David G4TUP.
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27450. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 15:55:21 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27450

1. I don't recall seeing a limit on read operations in the spec for the EEPROM used in the FT-897

2. If you peruse Clint KA7OEI's web page - specifically the memory layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the EEPROM with a scope or logic analyzer, you have no idea at what frequency EEPROM write operations are performed by the code embedded in the FT897. Thus you do not know whether additional EEPROM writes generated by software using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

EEproms memory also has a read limit too. It's higher than the write limit but the system writes to the eeprom when you set a memory or turn the machine off. Telling nt to write to something at all that allows a million or so write cycles before it starts to fail even if it does then is panic spreading. likely my 897 will not last as long as its eeprom

---
From: Dave AA6YQ <aa6yq@... <mailto:aa6yq%40ambersoft.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

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27451. Re: [FT897] Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 16:07:18 UTC
From: Mike Rhodes
Topic: 27446 Message: 27451

It is highly unlikely that, even if there are Yaesu employees lurking on this reflector, that they will admit as much. Doing so would immediately be taken by the masses as an assertion that their posts represent 'the gospel according to Yaesu' and their continued employment by Yaesu would be in serious jeopardy, even if they loudly proclaimed that their opinions were strictly their own and not Yaesu's.

Mike / W8DN

****

finnigann2580 wrote:
>
>
> Is anyone in this an actual employee of Yaesu? Maybe in the tech end
> of things.
>
> 73'S
> DE KC8UGV
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> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12 <HTTP://www.tinyurl.com/bcarc12>
> http://my.opera.com/Finnigann/blog <http://my.opera.com/Finnigann/blog>
> http://community.webshots.com/user/finnigann
> <http://community.webshots.com/user/finnigann>
>
>

27452. Memory quirk?

Yahoo group: FT897 (2009)
Date: 2009-08-22 16:12:59 UTC
From: DavidN
Topic: 27452 Message: 27452

Hi Guys! Dont' know if this quirk has been mentioned before in this forum - I did start reading all the forum messages from number one, but when I reached message number 650 of the 22,000 my brain started to steam..... Anyway.... this is the quirk I have found.

I have my Memory Group set to ON so this means I have ten banks of 20 memories and have put different band's calling channels, repeaters, beacons etc in each bank. Now, if I have selected memory *Mg16* (this is for example but it could be any memory really) and listen, have a QSO, what-have-you.... there, then press the MEM/VFO knob and move to bank *Md* and go to say memory *Md09* (again just an example, it could be any memory in the whole ten banks), and have a QSO, what-have-you...., then press the tit (the MEM/VFO button) and move back to bank *Mg* (wanting to go back to *Mg16*), when I get to bank *Mg* it puts me straight on to *Mg00* not *Mg16* i.e. it hasn't remembered I was in memory 16 when I moved away from that bank.

If I go straight back to bank *Md*, again it takes me to memory 00, not 09. In fact, any memory bank I go to it goes to *00* memory. I presume everyone else finds it to be this way?

Now, I only mention this in case Yaesu do read this forum and decide to take on board the quirk... or... need for just a little more sophistication in moving around memories :)

(Mind you, I would be surprised if Yaesu did read all their rig's forums - it would be like painting the Forth Bridge :)).

Enjoy!

David G4TUP.

[Non-text portions of this message have been removed]

27453. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 16:20:24 UTC
From: Darren S
Topic: 27393 Message: 27453

1. they have read and write limits. It's physics. Nothing lasts forever.

2. I know. I'm mapping the 897 rather than the 817.

3. I have a serial port sniffer and don't tell me what I have no idea of!
.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Saturday, 22 August, 2009 16:55:21
Subject: RE: [FT897] Re: EEPROM write dangers?

1. I don't recall seeing a limit on read operations in the spec for
the EEPROM used in the FT-897

2. If you peruse Clint KA7OEI's web page - specifically the memory
layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the
EEPROM with a scope or logic analyzer, you have no idea at what frequency
EEPROM write operations are performed by the code embedded in the FT897.
Thus you do not know whether additional EEPROM writes generated by software
using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

EEproms memory also has a read limit too. It's higher than the write limit
but the system writes to the eeprom when you set a memory or turn the
machine off. Telling nt to write to something at all that allows a million
or so write cycles before it starts to fail even if it does then is panic
spreading. likely my 897 will not last as long as its eeprom

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

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From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

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73,

Rob W1AEX

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27454. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-22 16:38:33 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27454

DRAMs do not have limits on read or write operations. Some EEPROMs do not have limits on read operations.

A serial port sniffer will not allow you to determine how frequently the software running on your transceiver's microprocessor emits EEPROM write operations. You either need the source code for this software, or you need a way of monitoring the EEPROM - e.g. with a scope or a logic analyzer. If you perform this assessment, please share your results here.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

1. they have read and write limits. It's physics. Nothing lasts forever.

2. I know. I'm mapping the 897 rather than the 817.

3. I have a serial port sniffer and don't tell me what I have no idea of!
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From: Dave AA6YQ <aa6yq@... <mailto:aa6yq%40ambersoft.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
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Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

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_____ _____ _____ __
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From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
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Rob W1AEX

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27455. Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 19:02:49 UTC
From: finnigann2580
Topic: 27446 Message: 27455

--- In FT897@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
>
> It is highly unlikely that, even if there are Yaesu employees lurking on
> this reflector, that they will admit as much. Doing so would immediately
> be taken by the masses as an assertion that their posts represent 'the
> gospel according to Yaesu' and their continued employment by Yaesu would
> be in serious jeopardy, even if they loudly proclaimed that their
> opinions were strictly their own and not Yaesu's.
>
> Mike / W8DN

On the other hand, it would seem like a perfect avenue for Yaesu to self-promote. or at least learn about their customer base.

But I was hoping...

>
> **********
>
> finnigann2580 wrote:
> >
> >
> > Is anyone in this an actual employee of Yaesu? Maybe in the tech end of things.
> >
> > 73'S
> > DE KC8UGV
> >
> > Remembering our Vets - Then and Now
> >
> > HTTP://www.tinyurl.com/bcarc12
> > http://my.opera.com/Finnigann/blog
> > http://community.webshots.com/user/finnigann
> >
> >
>

27456. Re: Memory quirk?

Yahoo group: FT897 (2009)
Date: 2009-08-22 19:13:04 UTC
From: finnigann2580
Topic: 27452 Message: 27456

--- In FT897@yahoogroups.com, DavidN <david@...> wrote:
>
> Hi Guys! Dont' know if this quirk has been mentioned before in this
forum -

> Anyway.... this is the quirk I have found.
>
> I have my Memory Group set to ON so this means I have ten banks of 20
> memories and have put different band's calling channels, repeaters,
beacons
> etc in each bank. Now, if I have selected memory *Mg16* (this is for
example
> but it could be any memory really) and listen, have a QSO,
what-have-you....
> there, then press the MEM/VFO knob and move to bank *Md* and go to say
> memory *Md09* (again just an example, it could be any memory in the
whole
> ten banks), and have a QSO, what-have-you...., then press the tit (the
> MEM/VFO button) and move back to bank *Mg* (wanting to go back to
Mg16),
> when I get to bank *Mg* it puts me straight on to *Mg00* not *Mg16*
i.e. it
> hasn't remembered I was in memory 16 when I moved away from that bank.
>
> If I go straight back to bank *Md*, again it takes me to memory 00,
not 09.
> In fact, any memory bank I go to it goes to *00* memory. I presume
everyone

> else finds it to be this way?

Then you think the 897 should write this info every turn of the knob? I
assume this state to be recalled if a power outage interupts your radio
session.

Or only when the knob to change bands is invoked.

>
> Now, I only mention this in case Yaesu do read this forum and decide
to take
> on board the quirk... or... need for just a little more sophistication
in
> moving around memories :)
>
> (Mind you, I would be surprised if Yaesu did read all their rig's
forums -

> it would be like painting the Forth Bridge :)).

>

We can hope they lurk...every now and then (-:

> Enjoy!
>
> David G4TUP.
>

27457. Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 19:40:20 UTC
From: John Geiger
Topic: 27446 Message: 27457

Kenwood customer service monitors the Kenwood reflector at qth.net and will get on and respond to customer's questions at time-usually trying to push a Kenwood product, though, which is understandable.

Supposedly Elecraft monitors the Elecraft reflector as well.

73s John AA5JG

--- On Sat, 8/22/09, finnigann2580 <finnigann2580@...> wrote:

From: finnigann2580 <finnigann2580@...>
Subject: [FT897] Re: Yaesu employee??
To: FT897@yahoogroups.com
Date: Saturday, August 22, 2009, 2:02 PM

--- In FT897@yahoogroups. com, Mike Rhodes <w8dn@...> wrote:
>
> It is highly unlikely that, even if there are Yaesu employees lurking on
> this reflector, that they will admit as much. Doing so would immediately
> be taken by the masses as an assertion that their posts represent 'the
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But I was hoping...

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> finnigann2580 wrote:
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> >
> >
>

[Non-text portions of this message have been removed]

27458. Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 19:19:36 UTC
From: Tom Wilson
Topic: 27446 Message: 27458

I don't know about Vertex USA, but at Motorola, we're not supposed to talk about company business in on-line forums and mailing lists. The argument is there are official channels for support & PR communication.

-Tom KI6ABZ

Sent from my iPhone

On Aug 22, 2009, at 12:02 PM, "finnigann2580" <finnigann2580@...> wrote:

> --- In FT897@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
> >
> > It is highly unlikely that, even if there are Yaesu employees lurking on
> > this reflector, that they will admit as much. Doing so would immediately
> > be taken by the masses as an assertion that their posts represent 'the
> > gospel according to Yaesu' and their continued employment by Yaesu would
> > be in serious jeopardy, even if they loudly proclaimed that their
> > opinions were strictly their own and not Yaesu's.
> >
> > Mike / W8DN
>
> On the other hand, it would seem like a perfect avenue for Yaesu to
> self-promote. or at least learn about their customer base.
>
> But I was hoping...
>
> >
> > **********
> >
> > finnigann2580 wrote:
> > >
> > >
> > > Is anyone in this an actual employee of Yaesu? Maybe in the tech
> > end of things.
> > >
> > > 73'S
> > > DE KC8UGV
> > >
> > > Remembering our Vets - Then and Now
> > >
> > > HTTP://www.tinyurl.com/bcarc12

> > > http://my.opera.com/Finnigann/blog
> > > http://community.webshots.com/user/finnigann
> > >
> > >
> >
>
>

[Non-text portions of this message have been removed]

27459. Re: [FT897] Re: 897 ??s - Optional menu items

Yahoo group: FT897 (2009)
Date: 2009-08-22 17:48:14 UTC
From: Thomas Wilson
Topic: 27415 Message: 27459

On Sat, Aug 22, 2009 at 7:27 AM, finnigann2580<finnigann2580@...> wrote:
>> I have a digital interface box plugged in to the 897 at home. I'll try
>> the USER toggle tonight; if that's a quicker way to select digital
>> mode, that might be useful.
>>
>
> It'll be interesting to learn about this hither-to un-used function.

Well, I learned that the USER toggle doesn't seem to have anything to
do with the user-selectable digital mode. The audio on tx or rx
doesn't change. I'll keep digging and see what I can find out.

Has anybody else experimented with the function to see what it does?

de TOM KI6ABZ

27460. [FT897] could a mod or the owner please contact me off list

Yahoo group: FT897 (2009)
Date: 2009-08-21 02:17:06 UTC
From: Paul Linkous
Topic: 27460 Message: 27460

☐ ☐ ☐ ☐ ☐ ☐ ☐

Paul H Linkous III
Junction City,OH
43748

N8PHL-9

Perry County OH ARES EC
COARES
C.E.R.T.
FIRST RESPONDER
COTN
AAR5EA ARMY/MARS
-------Original Message-------

From: Dave AA6YQ
Date: 8/20/2009 10:07:57 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: EEPROM write dangers?

You will not find a description of either the "Read EEPROM" or "Write EEPROM" commands on pages 61 or 62 or anywhere else in your 897D manual, or in the equivalent manual for an FT-817 or FT-857. The existence and function of these commands was reverse engineered by Clint KA7OEI.

At present, your supposition about the safety of using software that uses the "Write EEPROM" command is supported only by hope. Your Viking One, however, is perfectly safe.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:41 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: EEPROM write dangers?

Fair enough David.

In the interest of clarity, pages 61 and 62 of the 897D manual do give explicit information regarding the command structure used in the FT-897's CAT system. In the manual, owners are invited to explore the use of third party control software as Vertex has chosen not to enter that arena. In fact, multiple examples of how to format control commands are offered for those who wish to write their own software. I suppose using the software

would be every bit as safe as using the MH59A8J remote functions on the microphone to adjust my volume levels or frequency on the fly.

On the day my 897D fails with no hope of repair, I will smile, pat its top cover, and thank it for its good service. Then again, my Johnson Viking One is still running fine every day, and it was built in 1950.

Regards,

Rob W1AEX

--- In FT897@yahoogroups.com, "Dave AA6YQ" <aa6yq@...> wrote:
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

27461. Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 20:46:27 UTC
From: Keith
Topic: 27446 Message: 27461

John Geiger wrote:
> Supposedly Elecraft monitors the Elecraft reflector as well.

Elecraft does monitor their Elecraft list and are quick to ID hardware and software glitches and issue patches ASAP. Which makes sense because they sell kits and naturally people have a lot more problems assembling them, also other users on the list can help them ID problems and correct mistakes without every person with a problem calling Elecraft on the phone or via email for help.

27462. Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 22:35:46 UTC
From: finnigann2580
Topic: 27446 Message: 27462

--- In FT897@yahoogroups.com, Keith <kilowattradio@...> wrote:
>
> John Geiger wrote:
> > Supposedly Elecraft monitors the Elecraft reflector as well.
>
> Elecraft does monitor their Elecraft list and are quick to ID hardware
> and software glitches and issue patches ASAP. Which makes sense because
> they sell kits and naturally people have a lot more problems assembling
> them, also other users on the list can help them ID problems and correct
> mistakes without every person with a problem calling Elecraft on the
> phone or via email for help.
>

Good grief! What a flash back... Does anyone else remember Compuserve? Many companies had their own forums to handle questions or to just listen to suggestions and complaints.

Too bad those days have gone away.

27463. THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 23:25:22 UTC
From: Graham Astbury
Topic: 27463 Message: 27463

OFF TOPIC!

VE8AA

2009/8/22 finnigann2580 <finnigann2580@...>

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Keith
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> > Elecraft does monitor their Elecraft list and are quick to ID hardware
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> > phone or via email for help.
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> Good grief! What a flash back... Does anyone else remember Compuserve? Many
> companies had their own forums to handle questions or to just listen to
> suggestions and complaints.
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> Too bad those days have gone away.
>
>
>

--
Graham Astbury
Yellowknife, NT CANADA

[Non-text portions of this message have been removed]

27464. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-22 23:55:01 UTC
From: Joe
Topic: 27463 Message: 27464

I think not...at least, not in this stage of the postings....

In fact, I think the reminiscing is interesting!

If the topic doesn't die in a few more days, then I should think the topic has been beaten to death and the discussion would be circular by nature.

As for the original question...I would bet that 'someone' from Yeasu's tech support team IS a member here, but...as has been said earlier, no way would they let that fact be known.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Graham Astbury" <graham.astbury@...>
Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

> OFF TOPIC!

27465. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 02:09:56 UTC
From: Darren S
Topic: 27393 Message: 27465

they all have limits. It's physics. the law known as wear and tear.
The serial sniffer tells me what commands are being snet to the 897 and my 897 sniffer tells me whats in the eeprom and what has changed.

The point that eeproms pop at the drop of a hat is yours and hence your to offer proof to back up. You have offered none.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Saturday, 22 August, 2009 17:38:33
Subject: RE: [FT897] Re: EEPROM write dangers?

DRAMs do not have limits on read or write operations. Some EEPROMs do not have limits on read operations.

A serial port sniffer will not allow you to determine how frequently the software running on your transceiver' s microprocessor emits EEPROM write operations. You either need the source code for this software, or you need a way of monitoring the EEPROM - e.g. with a scope or a logic analyzer. If you perform this assessment, please share your results here.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

1. they have read and write limits. It's physics. Nothing lasts forever.

2. I know. I'm mapping the 897 rather than the 817.

3. I have a serial port sniffer and don't tell me what I have no idea of!
.

From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Saturday, 22 August, 2009 16:55:21
Subject: RE: [FT897] Re: EEPROM write dangers?

1. I don't recall seeing a limit on read operations in the spec for the EEPROM used in the FT-897

2. If you peruse Clint KA7OEI's web page - specifically the memory layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the EEPROM with a scope or logic analyzer, you have no idea at what frequency EEPROM write operations are performed by the code embedded in the FT897. Thus you do not know whether additional EEPROM writes generated by software using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

EEproms memory also has a read limit too. It's higher than the write limit but the system writes to the eeprom when you set a memory or turn the machine off. Telling nt to write to something at all that allows a million or so write cycles before it starts to fail even if it does then is panic spreading. likely my 897 will not last as long as its eeprom

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com

Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

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[Non-text portions of this message have been removed]

27466. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 02:44:24 UTC
From: Bill Husted
Topic: 27463 Message: 27466

I'm sort of enjoying reading it - although I guess it's up to the mod. But it sure doesn't seem offensive to me.

Bill KQ4YA
----- Original Message -----
From: Graham Astbury
To: FT897@yahoogroups.com
Sent: Saturday, August 22, 2009 7:25 PM
Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

OFF TOPIC!

VE8AA

2009/8/22 finnigann2580 <finnigann2580@...>

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Keith
> <kilowattradio@...> wrote:
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> > John Geiger wrote:
> > > Supposedly Elecraft monitors the Elecraft reflector as well.
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> > Elecraft does monitor their Elecraft list and are quick to ID hardware
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> Good grief! What a flash back... Does anyone else remember Compuserve? Many
> companies had their own forums to handle questions or to just listen to
> suggestions and complaints.
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> Too bad those days have gone away.
>
>
>

--
Graham Astbury
Yellowknife, NT CANADA

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[Non-text portions of this message have been removed]

27467. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 02:47:02 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27467

There is no "wear and tear" involved in moving charge to and from a one-transistor cell in a dynamic random access memory (DRAM). To confirm this, read any introduction to semiconductor physics.

Your serial port sniffer will not show you any of the EEPROM writes generated by the code running on the processor embedded in your transceiver. I will not repeat this basic and obvious point again.

The specification for the EEPROM used in the FT897, whose URL I posted earlier in this thread, states that it's good for 1 million write/erase cycles. Until you know the rate at which Yaesu's code running on the processor in your transceiver emits EEPROM writes, you don't know how many of those 1 million write/erase cycles have already been consumed, and thus you don't know what risk you are taking by running PC software that initiates additional EEPROM writes via the serial port. A sequence of logical deductions based on incontrovertible fact (the limit cited in the spec) *is* a proof.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 8:10 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

they all have limits. It's physics. the law known as wear and tear.
The serial sniffer tells me what commands are being snet to the 897 and my 897 sniffer tells me whats in the eeprom and what has changed.

The point that eeproms pop at the drop of a hat is yours and hence your to offer proof to back up. You have offered none.

From: Dave AA6YQ <aa6yq@... <mailto:aa6yq%40ambersoft.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Saturday, 22 August, 2009 17:38:33
Subject: RE: [FT897] Re: EEPROM write dangers?

DRAMs do not have limits on read or write operations. Some EEPROMs do not have limits on read operations.

A serial port sniffer will not allow you to determine how frequently the software running on your transceiver' s microprocessor emits EEPROM write operations. You either need the source code for this software, or you need a

way of monitoring the EEPROM - e.g. with a scope or a logic analyzer. If you perform this assessment, please share your results here.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

1. they have read and write limits. It's physics. Nothing lasts forever.

2. I know. I'm mapping the 897 rather than the 817.

3. I have a serial port sniffer and don't tell me what I have no idea of!
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_____ _____ _____ __
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Saturday, 22 August, 2009 16:55:21
Subject: RE: [FT897] Re: EEPROM write dangers?

1. I don't recall seeing a limit on read operations in the spec for the EEPROM used in the FT-897

2. If you peruse Clint KA7OEI's web page - specifically the memory layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the EEPROM with a scope or logic analyzer, you have no idea at what frequency EEPROM write operations are performed by the code embedded in the FT897. Thus you do not know whether additional EEPROM writes generated by software using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

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---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

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Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

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Rob W1AEX

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[Non-text portions of this message have been removed]

27468. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 03:49:12 UTC
From: shgee@aol.com
Topic: 27463 Message: 27468

Hi Bill!

I don't mind reading it either, and it is certainly not offensive.?? The point being made is that it is off topic.? This not an Elecraft list nor a Compuserve list, etc.? These things can be discussed elsewhere and many people join this list wishing to learn about and share their experiences with the FT-897.? I can understand their desire not to have other topics in the way.? The discussion about wether there are any Yeasu employess on the list is not too far off, but it has diverged even futher than that.

Scott, WB9RRU

-----Original Message-----
From: Bill Husted <bhusted@...>
To: FT897@yahoogroups.com
Sent: Sat, Aug 22, 2009 10:44 pm
Subject: Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

I'm sort of enjoying reading it - although I guess it's up to the mod. But it sure doesn't seem offensive to me.

Bill KQ4YA

----- Original Message -----

From: Graham Astbury

To: FT897@yahoogroups.com

Sent: Saturday, August 22, 2009 7:25 PM

Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

OFF TOPIC!

VE8AA

2009/8/22 finnigann2580 <finnigann2580@...>

>

>

> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, Keith

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> Good grief! What a flash back... Does anyone else remember Compuserve? Many

> companies had their own forums to handle questions or to just listen to

> suggestions and complaints.

>

> Too bad those days have gone away.

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>

--

Graham Astbury

Yellowknife, NT CANADA

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[Non-text portions of this message have been removed]

27469. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 04:55:01 UTC
From: Darren S
Topic: 27393 Message: 27469

I'm beyond the introduction, my friend. Components wear out through use. It's not semiconductor physics, it's physics, period.
MY serial port sniffer shows reads and writes but my 897 sniffer tells me what's written and what's changed.

1 million. I beleive that was the number i quoted. but saying that.s there's no guarantee it will fall apart after that or that it won't fail before. Like i said, physics with a little bit of chaos theory.
:)

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Sunday, 23 August, 2009 3:47:02
Subject: RE: [FT897] Re: EEPROM write dangers?

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one-transistor cell in a dynamic random access memory (DRAM). To confirm
this, read any introduction to semiconductor physics.

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Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
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Sent: Saturday, August 22, 2009 8:10 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

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Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

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2. I know. I'm mapping the 897 rather than the 817.

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From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
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2. If you peruse Clint KA7OEI's web page - specifically the memory layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the EEPROM with a scope or logic analyzer, you have no idea at what frequency EEPROM write operations are performed by the code embedded in the FT897. Thus you do not know whether additional EEPROM writes generated by software using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

EEproms memory also has a read limit too. It's higher than the write limit but the system writes to the eeprom when you set a memory or turn the machine off. Telling nt to write to something at all that allows a million or so write cycles before it starts to fail even if it does then is panic spreading. likely my 897 will not last as long as its eeprom

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

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27470. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 05:07:49 UTC
From: Randy Charles Ford
Topic: 27393 Message: 27470

On Saturday 22 August 2009 23:55:01 Darren S wrote:
> I'm beyond the introduction, my friend. Components wear out through use.
> It's not semiconductor physics, it's physics, period. MY serial port
> sniffer shows reads and writes but my 897 sniffer tells me what's written
> and what's changed.
>

So, if the 897 code writes the same value already stored in a memory location back into it, does your "sniffer" tell you that a write has occurred? If a value is changed, then quickly changed back to the earlier value, does your "sniffer" tell you that? I'm not sure what your "sniffer" is, but does it really monitor all writes, or does it just compare snapshots of the memory taken at different times?

73,
kg4jix - randy.

27471. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 05:31:45 UTC
From: Randy Charles Ford
Topic: 27463 Message: 27471

On Saturday 22 August 2009 18:25:22 Graham Astbury wrote:
> OFF TOPIC!
>
> VE8AA
>
> 2009/8/22 finnigann2580 <finnigann2580@...>

Posts such as this garbage up the list more then the slightly off-topic posts. So far there are seven posts in the original topic and five in the "OFF TOPIC!" one.

This is a moderated group with a moderator who does an admirable job of providing enough leeway while stopping threads when they need to be. Without a moderator this list would succumb to constant bickering with little value. It is his decision about stopping threads that matters, not mine or others. If you have some fundamental disagreement with his handling of this, I suggest that you address it with him in private.

How hard is it to delete unwanted messages? I take me about two seconds to skim a post in a thread that doesn't really interrest me to see if they have strayed into my interest areas. There are thousands of people in this group. Not all of them have the same interests. Very few are interested in reading posts of somebody yelling "OFF TOPIC!"

Everybody, please let people discuss what they feel is important and ignore posts that you don't find of interest. This is a wonderful resource, but of late it has been muddied by people feeling some deep need to police it. It takes less energy and causes less frustration to just click on a delete button or one the next message. If it makes you feel better, add some verbal sound effects when you click on the delete button.

73,
kg4jix - randy.

27472. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 05:39:25 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27472

Offline, perhaps you will explain exactly what wears out in a dynamic RAM. I designed several commercial computers during the 1970s and 1980s that implemented main memory with DRAMs, many of which are still deployed and running. There are cells in those DRAMs that have been read and written literally billions of times without a permanent failure (soft errors from alpha particles are not a "wear and tear" issue). What wear mechanism becomes manifest after billions of operations?

What are you using for an 897 sniffer? Have you used it to measure the rate at which Yaesu's code generates write/erase operations? A reliable measurement would eliminate the uncertainty we've been discussing.

If an EEPROM of the type used in an FT-897 were to lose its write/erase capability after fewer than 1 million write/erase operations, the part would be considered out-of-spec and thus defective.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 10:55 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

I'm beyond the introduction, my friend. Components wear out through use. It's not semiconductor physics, it's physics, period.
MY serial port sniffer shows reads and writes but my 897 sniffer tells me what's written and what's changed.

1 million. I beleive that was the number i quoted. but saying that.s there's no guarantee it will fall apart after that or that it won't fail before. Like i said, physics with a little bit of chaos theory.
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From: Dave AA6YQ <aa6yq@... <mailto:aa6yq%40ambersoft.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, 23 August, 2009 3:47:02
Subject: RE: [FT897] Re: EEPROM write dangers?

There is no "wear and tear" involved in moving charge to and from a one-transistor cell in a dynamic random access memory (DRAM). To confirm this, read any introduction to semiconductor physics.

Your serial port sniffer will not show you any of the EEPROM writes generated by the code running on the processor embedded in your transceiver. I will not repeat this basic and obvious point again.

The specification for the EEPROM used in the FT897, whose URL I posted earlier in this thread, states that it's good for 1 million write/erase cycles. Until you know the rate at which Yaesu's code running on the processor in your transceiver emits EEPROM writes, you don't know how many of those 1 million write/erase cycles have already been consumed, and thus you don't know what risk you are taking by running PC software that initiates additional EEPROM writes via the serial port. A sequence of logical deductions based on incontrovertible fact (the limit cited in the spec) *is* a proof.

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Sent: Saturday, August 22, 2009 8:10 PM
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Subject: Re: [FT897] Re: EEPROM write dangers?

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The serial sniffer tells me what commands are being snet to the 897 and my 897 sniffer tells me whats in the eeprom and what has changed.

The point that eeproms pop at the drop of a hat is yours and hence your to offer proof to back up. You have offered none.

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From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Saturday, 22 August, 2009 17:38:33
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A serial port sniffer will not allow you to determine how frequently the software running on your transceiver' s microprocessor emits EEPROM write operations. You either need the source code for this software, or you need a way of monitoring the EEPROM - e.g. with a scope or a logic analyzer. If you perform this assessment, please share your results here.

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From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups. com

Subject: Re: [FT897] Re: EEPROM write dangers?

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Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

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27473. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 06:52:18 UTC
From: Geoff Blake
Topic: 27463 Message: 27473

On Sat, 22 Aug 2009, Graham Astbury wrote:

> OFF TOPIC!

Why?

Good heavens, this is off topic, mods outside the US are off topic, usage outside the US is off topic, perhaps somebody could tell me what is ON TOPIC in this group.

Regarding a Vertex-Standard employee reading this and other relevant Yahoo Groups, I would consider any company to be remiss if it did not use the Yahoo Groups as a source of market research. However, I doubt that they would admit it else certain narrow interest folk would flood the group with their own viewpoint to the exclusion of others..

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

This E-mail and any attachment(s) are strictly confidential
and is intended solely for the addressee(s). If you are not
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<postmaster(at)palaemon.demon.co.uk>
and the sender by return and permanently delete the message.

You may not disclose, forward or copy this E-mail or any of
its attachments to any third party without the prior consent
of the sender.

27474. THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 09:30:30 UTC
From: g8hul
Topic: 27463 Message: 27474

> > OFF TOPIC!
>
> Why?
>
> Good heavens, this is off topic, mods outside the US are off topic, usage
> outside the US is off topic, perhaps somebody could tell me what is ON
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> Yahoo Groups as a source of market research. However, I doubt that they
> would admit it else certain narrow interest folk would flood the group
> with their own viewpoint to the exclusion of others..
>
> Geoff
>

Yes, I am not sure what has happened to this group, it seems to have been taken over by the 'Off Topic Police' who wish to censor everything that is posted to fit in with their ideas of what is interesting.

There are obviously enough group members interested in these topics, and as long as they are not abusive why should they not continue? Why should we allow a few vocal complianers to censor what is being posted, and what is actually of interest to a substantial number of *Group Members*, who probablly out number the complainers.

It is very simple; if you are not interested in a thread then *don't read it*, why is that such a problem?? It is not as though there are reams of off-topic threads, the odd one or two can actually be quite interesting, and most of them develop out of on-topic subjects, so are usually almost on-topic, rather than being about completely different subjects.

73
Jeff

27475. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 09:44:12 UTC
From: DavidN
Topic: 27463 Message: 27475

As a new member to this forum I've never seen such moaning, back biting and general nastiness in a forum, and it all seems to stem from a couple of individuals.

The funny thing is, that when the Off-Topic Police post it generates even more so-called off-topic replies to their moaning, rather than their goal of quelling a thread.

I can only suggest that the Off-Topic Police complain only to the moderator directly and not here. By your posting you're taking up valuable space :)

David G4TUP.

On Sun, Aug 23, 2009 at 10:30 AM, g8hul <g8hul@...>wrote:

>
>
> > > OFF TOPIC!
> >
> > Why?
> >
> > Good heavens, this is off topic, mods outside the US are off topic, usage
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> most of them develop out of on-topic subjects, so are usually almost
> on-topic, rather than being about completely different subjects.
>
> 73
> Jeff
>
>
>

[Non-text portions of this message have been removed]

27476. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 11:44:47 UTC
From: Darren S
Topic: 27393 Message: 27476

Without seeing the source that's not exactly easy to establish but i can tell you one thing. The emphasis on all documentation i've come across which in all fairness isn't a lot does establish that the done thing is to do a read then change only what needs changing if anything and if nothing neeeds changing then don't write back. It's common sense. The yaesu embedded programmers would know that eeprom writes and mpu programme memory writes for that matter are finate and they would have this in mind when writing thier firmware.

From: Randy Charles Ford <kg4jix@...>
To: FT897@yahoogroups.com
Sent: Sunday, 23 August, 2009 6:07:49
Subject: Re: [FT897] Re: EEPROM write dangers?

On Saturday 22 August 2009 23:55:01 Darren S wrote:
> I'm beyond the introduction, my friend. Components wear out through use.
> It's not semiconductor physics, it's physics, period. MY serial port
> sniffer shows reads and writes but my 897 sniffer tells me what's written
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So, if the 897 code writes the same value already stored in a memory location back into it, does your "sniffer" tell you that a write has occurred? If a value is changed, then quickly changed back to the earlier value, does your "sniffer" tell you that? I'm not sure what your "sniffer" is, but does it really monitor all writes, or does it just compare snapshots of the memory taken at different times?

73,
kg4jix - randy.

[Non-text portions of this message have been removed]

27477. Re: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 11:47:38 UTC
From: Darren S
Topic: 27393 Message: 27477

Dynamic ram is volatile and designed to be hit repeatedly but even that goes pop. I've just had to change a memory stick on my lab machine because the old one wore out.Wear and tear.

From: Dave AA6YQ <aa6yq@...>
To: FT897@yahoogroups.com
Sent: Sunday, 23 August, 2009 6:39:25
Subject: RE: [FT897] Re: EEPROM write dangers?

Offline, perhaps you will explain exactly what wears out in a dynamic RAM. I designed several commercial computers during the 1970s and 1980s that implemented main memory with DRAMs, many of which are still deployed and running. There are cells in those DRAMs that have been read and written literally billions of times without a permanent failure (soft errors from alpha particles are not a "wear and tear" issue). What wear mechanism becomes manifest after billions of operations?

What are you using for an 897 sniffer? Have you used it to measure the rate at which Yaesu's code generates write/erase operations? A reliable measurement would eliminate the uncertainty we've been discussing.

If an EEPROM of the type used in an FT-897 were to lose its write/erase capability after fewer than 1 million write/erase operations, the part would be considered out-of-spec and thus defective.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 10:55 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

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Like i said, physics with a little bit of chaos theory.
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From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >

To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Sunday, 23 August, 2009 3:47:02
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Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

27478. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 11:49:58 UTC
From: Darren S
Topic: 27463 Message: 27478

Interesting isn't it? A few of us are even having a rag batter about eeproms and the ot police haven't humped us yet?

_____
From: g8hul <g8hul@...>
To: FT897@yahoogroups.com
Sent: Sunday, 23 August, 2009 10:30:30
Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

> > OFF TOPIC!
>
> Why?
>
> Good heavens, this is off topic, mods outside the US are off topic, usage
> outside the US is off topic, perhaps somebody could tell me what is ON
> TOPIC in this group.
>
> Regarding a Vertex-Standard employee reading this and other relevant Yahoo
> Groups, I would consider any company to be remiss if it did not use the
> Yahoo Groups as a source of market research. However, I doubt that they
> would admit it else certain narrow interest folk would flood the group
> with their own viewpoint to the exclusion of others..
>
> Geoff
>

Yes, I am not sure what has happened to this group, it seems to have been taken over by the 'Off Topic Police' who wish to censor everything that is posted to fit in with their ideas of what is interesting.

There are obviously enough group members interested in these topics, and as long as they are not abusive why should they not continue? Why should we allow a few vocal complianers to censor what is being posted, and what is actually of interest to a substantial number of *Group Members*, who probablly out number the complainers.

It is very simple; if you are not interested in a thread then *don't read it*, why is that such a problem?? It is not as though there are reams of off-topic threads, the odd one or two can actually be quite interesting, and most of them develop out of on-topic subjects, so are usually almost on-topic, rather than being about completely different subjects.

73
Jeff

[Non-text portions of this message have been removed]

27479. Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 12:04:55 UTC
From: Bill Husted
Topic: 27463 Message: 27479

And that's just the point - you ought to be able to drift a bit when something strikes you as interesting. That's been the fun of ham radio for me, not knowing where a conversation will go when I meet someone for the first time on the air. Am I terribly interested in how many read/write cycles ... nah. But would I want conversations like this to go away ... not at all. Maybe I'll learn something.

The thing that - I hope - will come out of all this back and forth about off topic posts is the realization that ham radio is a diverse hobby, filled with people with varied backgrounds and skill sets. There usually is, and ought to be, a common bond with all of us - despite the diversity of backgrounds - that pulls us together. Besides, there always will be conversations - here and at a friend's house - that move off on a tangent. We're not delivering a formal paper here, so excursions - within limits - ought to be welcomed.

Heck, let us talk. Worse case we'll learn something. The neat thing is that I can skip over topics that don't interest me, or leave the group altogether if I find it to be a waste of time. It is not difficult to do either one. But while we're here I hope we can talk in a civil way - as you're doing and most of us try to do. Let the regular members talk, let the moderators moderate. Some small sense of humor helps too.

Bill KQ4YA
----- Original Message -----
From: Darren S
To: FT897@yahoogroups.com
Sent: Sunday, August 23, 2009 7:49 AM
Subject: Re: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Interesting isn't it? A few of us are even having a rag batter about eeproms and the ot police haven't humped us yet?

_____
From: g8hul <g8hul@...>
To: FT897@yahoogroups.com
Sent: Sunday, 23 August, 2009 10:30:30
Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

> > OFF TOPIC!
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> Why?
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> Good heavens, this is off topic, mods outside the US are off topic, usage
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> Groups, I would consider any company to be remiss if it did not use the

> Yahoo Groups as a source of market research. However, I doubt that they
> would admit it else certain narrow interest folk would flood the group
> with their own viewpoint to the exclusion of others..
>
> Geoff
>

Yes, I am not sure what has happened to this group, it seems to have been taken over by the 'Off Topic Police' who wish to censor everything that is posted to fit in with their ideas of what is interesting.

There are obviously enough group members interested in these topics, and as long as they are not abusive why should they not continue? Why should we allow a few vocal complianers to censor what is being posted, and what is actually of interest to a substantial number of *Group Members*, who probablly out number the complainers.

It is very simple; if you are not interested in a thread then *don't read it*, why is that such a problem?? It is not as though there are reams of off-topic threads, the odd one or two can actually be quite interesting, and most of them develop out of on-topic subjects, so are usually almost on-topic, rather than being about completely different subjects.

73
Jeff

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27480. RE: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

Yahoo group: FT897 (2009)
Date: 2009-08-23 13:21:23 UTC
From: Bruce Krell
Topic: 27463 Message: 27480

I hardly see how the issue of Yaesu and its participation is off topic.
Yaesu makes the radio.
They know the most about the radio.

I have had experiences trying to get information from Yaesu/Vertex.
They have been marginally helpful. The tech support guys are
OK, but their knowledge about what is happening inside the
radio is so limited as to be frustrating.

Yaesu/Vertex doesn't want its engineers to be bothered by millions
of silly questions (in their opinion) so they force all communications
through tech support. In my opinion, this hurts their sales but
I don't depend on their sales for my income, so maybe I don't know
what I'm talking about. (That was sarcastic -- I'm an engineer
and always visibility participated in large user communities).

But there is a benefit to us for bringing up this topic of Yaesu/Vertex
participation. Even if a Yeasu/Vertex employee doesn't identify himself,
there is at least one who is monitoring this mail list.

So, if he/she reads our frustration, maybe they'll get the message
to Yaesu/Vertex management and get the engineers to get out
of their cubbyholes and talk to the rest of us who actually use
the equipment.

So, again, I think that this issue of Yaesu/Vertex involvement
in a forum like this is directly on topic. After all, isn't our goal
to foster communications about the radio? And, wouldn't
demonstrating wide disatisfaction with the palpable publc
silence of Yaesu/Vertex in a large public forum about their
product perhaps encourage them to participate in more
communication with us?

Bruce Krell, AE6VG
-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
g8hul
Sent: Sunday, August 23, 2009 2:31 AM
To: FT897@yahoogroups.com
Subject: THIS IS OFF TOPIC! PLEASE STOP Re: [FT897] Re: Yaesu employee??

> > OFF TOPIC!
>
> Why?
>

> Good heavens, this is off topic, mods outside the US are off topic,
usage
> outside the US is off topic, perhaps somebody could tell me what is ON
> TOPIC in this group.
>
> Regarding a Vertex-Standard employee reading this and other relevant
Yahoo
> Groups, I would consider any company to be remiss if it did not use the
> Yahoo Groups as a source of market research. However, I doubt that they
> would admit it else certain narrow interest folk would flood the group
> with their own viewpoint to the exclusion of others..
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> Geoff
>

Yes, I am not sure what has happened to this group, it seems to have been taken over by the 'Off Topic Police' who wish to censor everything that is posted to fit in with their ideas of what is interesting.

There are obviously enough group members interested in these topics, and as long as they are not abusive why should they not continue? Why should we allow a few vocal complianers to censor what is being posted, and what is actually of interest to a substantial number of *Group Members*, who probablly out number the complainers.

It is very simple; if you are not interested in a thread then *don't read it*, why is that such a problem?? It is not as though there are reams of off-topic threads, the odd one or two can actually be quite interesting, and most of them develop out of on-topic subjects, so are usually almost on-topic, rather than being about completely different subjects.

73
Jeff

[Non-text portions of this message have been removed]

27481. Re: [FT897] EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 14:39:58 UTC
From: Mark Kliewer
Topic: 27393 Message: 27481

Hay their I have the adams soft ware for my HT and I all so have it for my 897 NEW AS WELL) I like it it alot and is ever fast sorry Im stupid but what is the slider is that the same as a vfo?? if you need a copy of it I could leave it on my computer If you know what I mean I loove this radio also been a ham only 8 years kc7qhc1@ yahoo.com or molly2Bgolly@... 7'3 Mark

--- On Wed, 8/19/09, kc9aop <KC9AOP@...> wrote:

From: kc9aop <KC9AOP@...>
Subject: [FT897] EEPROM write dangers?
To: FT897@yahoogroups.com
Date: Wednesday, August 19, 2009, 9:19 PM

I'm new to the FT-897 and this group but have been a HAM for 8 years. I've been reading threads that extol the dangers of writing to the EEPROM on the radio. Can someone please list the "dangerous" commands so I can avoid inadvertently damaging my new radio??

I've already shut off the sliders on HRD (I like the program) and am wondering if there are any other commands to avoid.

Besides the ADMS software, which is great for my HT but I'm not so sure about the 897, what would the group recommend for programming and/or control software. I know HRD won't program memories but I'm not sure if the ADMS will do more than manage the memory.

Your help and comments are appreciated

Jim Bayer - KC9AOP

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

27482. Message to Yassu (formerly Re: [FT897] Re: Yaesu employee??)

Yahoo group: FT897 (2009)
Date: 2009-08-23 15:21:17 UTC
From: Lew Phelps K6LMP
Topic: 27463 Message: 27482

Let's assume for the sake of discussion (because Bruce is correct with a 99%+ probability) that somebody from Yaesu monitors this list.

Let's further assume that the Yaesu person is actually passing information up the line to people who make decision about how the radio is designed and supported.

What would we like to tell them? Here are my contributions to the list:

1. Fusing the CAT/LINEAR port with a tiny SMD fuse is beyond stupid. Fuses are designed to blow. It shouldn't require a trip to the shop (or a relatively uncommon skill among hams to be able to work with SMD devices)) to remove and replace a simple fuse.

2. The front of the rig needs to be redesigned to provide real mechanical protection for the knobs/dials that protrude and are vulnerable to damage (and a trip to the shop) to replace. Given the rig's intended use, such vulnerability is unacceptable. The "ultra-rugged" appearance of the FT-897 is a ruse.

3. Many on this group have complained about/experienced RF feedback into the mike, particularly on six meters, and particularly using DTMF microphones. How about acknowledging this flaw and providing a user-installable fix, or free fix at the factory?

4. Some have experienced RF blowing out the auto-keyer. Again, how about a user-installable fix, or free fix at the factory?

5. Could Yaesu please provide the Type N panel jack with a two-screw mount in its U.S. inventory? The part is standard outside the US, and many would prefer to use a Type N panel jack for their UHF antenna port, but Yaesu doesn' make it available to North American users, even as a spare part. (Mouser carries it, but it is a non-stocked item. Digiey doesn't list any such iten.)

I'm sure others can greatly expand this list.

Lew k6LMP

On Aug 23, 2009, at 6:21 AM, Bruce Krell wrote:
> [SNIP] ... But there is a benefit to us for bringing up this topic
> of Yaesu/Vertex
> participation. Even if a Yeasu/Vertex employee doesn't identify
> himself,
> there is at least one who is monitoring this mail list.
>
> So, if he/she reads our frustration, maybe they'll get the message

> to Yaesu/Vertex management and get the engineers to get out
> of their cubbyholes and talk to the rest of us who actually use
> the equipment.
>
>

[Non-text portions of this message have been removed]

27483. Re: [FT897] Re: Memory quirk?

Yahoo group: FT897 (2009)
Date: 2009-08-23 15:38:31 UTC
From: DavidN
Topic: 27452 Message: 27483

finnigann2580 wrote:

Then you think the 897 should write this info every turn of the knob? I assume this state to be recalled if a power outage interupts your radio session.

Or only when the knob to change bands is invoked.

Thanks for asking that question but I'll leave that to the boffins at Yaesu and see what they think best, although I guess just when moving to a different memory group would be fine.

BTW, I did make a mistake in my original post. I said when changing memory groups it always goes to memory 00 in the new group, I should have said 01. Also, I should have added '*or the lowest numbered used memory in the new group*'.

David G4TUP.

On Sat, Aug 22, 2009 at 8:13 PM, finnigann2580 <finnigann2580@...>wrote:

>
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, DavidN <david@...>
> wrote:
> >
> > Hi Guys! Dont' know if this quirk has been mentioned before in this
> forum -
>
> > Anyway.... this is the quirk I have found.
> >
> > I have my Memory Group set to ON so this means I have ten banks of 20
> > memories and have put different band's calling channels, repeaters,
> beacons
> > etc in each bank. Now, if I have selected memory *Mg16* (this is for
> example
> > but it could be any memory really) and listen, have a QSO,
> what-have-you....
> > there, then press the MEM/VFO knob and move to bank *Md* and go to say
> > memory *Md09* (again just an example, it could be any memory in the
> whole
> > ten banks), and have a QSO, what-have-you...., then press the tit (the
> > MEM/VFO button) and move back to bank *Mg* (wanting to go back to
> *Mg16*),
> > when I get to bank *Mg* it puts me straight on to *Mg00* not *Mg16*
> i.e. it

> > hasn't remembered I was in memory 16 when I moved away from that bank.
> >
> > If I go straight back to bank *Md*, again it takes me to memory 00,
> not 09.
> > In fact, any memory bank I go to it goes to *00* memory. I presume
> everyone
>
> > else finds it to be this way?
>
> Then you think the 897 should write this info every turn of the knob? I
> assume this state to be recalled if a power outage interupts your radio
> session.
>
> Or only when the knob to change bands is invoked.
>
> >
> > Now, I only mention this in case Yaesu do read this forum and decide
> to take
> > on board the quirk... or... need for just a little more sophistication
> in
> > moving around memories :)
> >
> > (Mind you, I would be surprised if Yaesu did read all their rig's
> forums -
> > it would be like painting the Forth Bridge :)).
>
> >
>
> We can hope they lurk...every now and then (-:
>
> > Enjoy!
> >
> > David G4TUP.
> >
>
>
>

[Non-text portions of this message have been removed]

27484. Re: [FT897] EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 15:50:31 UTC
From: DavidN
Topic: 27393 Message: 27484

I'm a little confused by some of the comments made on this topic. I've always understood that flash memory has a problem with memory wear. This problem is even more important nowadays with the introduction of SSD-only minbooks (Elonex, CnMLifestyle etc) which don't have a hard drive, just memory.

So I do wonder if the same must be true of EEPROMs? The wiki for flash memory says:

Another limitation is that flash memory has a finite number of erase-write cycles. Most commercially available flash products are guaranteed to withstand around 100,000 write-erase-cycles, before the wear begins to deteriorate the integrity of the storage.

The wiki is here:

http://en.wikipedia.org/wiki/Flash_memory

Have a look for* Memory Wear*, almost half-way down the page.

David G4TUP.

[Non-text portions of this message have been removed]

27485. Message to Yassu (formerly Re: [FT897] Re: Yaesu employee??)

Yahoo group: FT897 (2009)
Date: 2009-08-23 15:52:41 UTC
From: finnigann2580
Topic: 27463 Message: 27485

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> Let's assume for the sake of discussion (because Bruce is correct with
> a 99%+ probability) that somebody from Yaesu monitors this list.
>
> Let's further assume that the Yaesu person is actually passing
> information up the line to people who make decision about how the
> radio is designed and supported.
>
> What would we like to tell them? Here are my contributions to the
list:
>
> 1. Fusing the CAT/LINEAR port with a tiny SMD fuse is beyond stupid.
> Fuses are designed to blow. It shouldn't require a trip to the shop
> (or a relatively uncommon skill among hams to be able to work with SMD
> devices)) to remove and replace a simple fuse.
>
> 2. The front of the rig needs to be redesigned to provide real
> mechanical protection for the knobs/dials that protrude and are
> vulnerable to damage (and a trip to the shop) to replace. Given the
> rig's intended use, such vulnerability is unacceptable. The "ultra-
> rugged" appearance of the FT-897 is a ruse.
>
> 3. Many on this group have complained about/experienced RF feedback
> into the mike, particularly on six meters, and particularly using DTMF
> microphones. How about acknowledging this flaw and providing a user-
> installable fix, or free fix at the factory?
>
> 4. Some have experienced RF blowing out the auto-keyer. Again, how
> about a user-installable fix, or free fix at the factory?
>
> 5. Could Yaesu please provide the Type N panel jack with a two-screw
> mount in its U.S. inventory? The part is standard outside the US, and
> many would prefer to use a Type N panel jack for their UHF antenna
> port, but Yaesu doesn' make it available to North American users, even
> as a spare part. (Mouser carries it, but it is a non-stocked item.
> Digiey doesn't list any such iten.)
>
> I'm sure others can greatly expand this list.
>
> Lew k6LMP
>

USB support/socket/port.

Computer package:

Offer an optional package with ALL the (optional) cables/software included.

Mobile package:

Phase two of the above, Packge to include the ATAS 120 w/mount.

Desktop package:

Phase three: Desktop with all the acc.

I know these wont be as sweet as what you might put together, so get some partners like IBM or Microsoft did and offer their acc too, in packages.

Ditto on the front face gaurd.

27486. Re: Message to Yassu (formerly Re: [FT897] Re: Yaesu employee??)

Yahoo group: FT897 (2009)
Date: 2009-08-23 15:58:52 UTC
From: DavidN
Topic: 27463 Message: 27486

- Definitely USB support/socket/port
- SD card slot for easy saving of parameters and memories (could then put the SD card into another Yaesu with your preferences (CW speed, tone etc etc) and off you go)
- MTUNE step follows programmed step size and not stick at 2.5kHz

Thinking.... :)

David G4TUP.

[Non-text portions of this message have been removed]

27487. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 16:11:18 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27487

Clint KA7OEI's reverse engineered map of the 817/857/897 EEPROM shows that all radio state is stored in the EEPROM. Consider VFO selection, for example. Each time you switch VFOs, an EEPROM write/erase is initiated. We know this because an EEPROM read initiated via the serial port reveals it to be the case. If it weren't the case, the transceiver control application you're using wouldn't update its "current VFO selection" display when you switch VFOs from the rig's front panel. What we don't know without source code or a logic/bus analyzer is the extent to which internal bookkeeping results in a continuous EEPROM write/erase cycles independent of operator-initiated changes in state. Keep in mind that the developer of Yaesu's code would assume a lifetime budget of a million write/erase cycles. Who knows what he or she assumed about the transceiver's lifetime.

If you truly have an FT-897 sniffer as you stated in your previous post, then you should be able to measure the rate of EEPROM write/erase cycles in equilibrium (with no changes in state induced via the front panel or CAT interface). That would eliminate the uncertainty and hopefully put a lot of 817/857/897 ops at ease.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Sunday, August 23, 2009 5:45 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

Without seeing the source that's not exactly easy to establish but i can tell you one thing. The emphasis on all documentation i've come across which in all fairness isn't a lot does establish that the done thing is to do a read then change only what needs changing if anything and if nothing neeeds changing then don't write back. It's common sense. The yaesu embedded programmers would know that eeprom writes and mpu programme memory writes for that matter are finate and they would have this in mind when writing thier firmware.

From: Randy Charles Ford <kg4jix@... <mailto:kg4jix%40arrl.net> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, 23 August, 2009 6:07:49
Subject: Re: [FT897] Re: EEPROM write dangers?

On Saturday 22 August 2009 23:55:01 Darren S wrote:
> I'm beyond the introduction, my friend. Components wear out through use.
> It's not semiconductor physics, it's physics, period. MY serial port

> sniffer shows reads and writes but my 897 sniffer tells me what's written
> and what's changed.
>

So, if the 897 code writes the same value already stored in a memory
location
back into it, does your "sniffer" tell you that a write has occurred? If a
value is changed, then quickly changed back to the earlier value, does
your "sniffer" tell you that? I'm not sure what your "sniffer" is, but does
it really monitor all writes, or does it just compare snapshots of the
memory
taken at different times?

73,
kg4jix - randy.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27488. RE: [FT897] Re: EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 16:17:26 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27488

How did you determine that the failure in your memory stick was "wear", as opposed to a latent manufacturing defect? A common cause of semiconductor failure is impurities in the substrate that migrate into an active region; this is not "wear", it's a failure to maintain the required purity during the manufacturing process.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Darren S
Sent: Sunday, August 23, 2009 5:48 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: EEPROM write dangers?

Dynamic ram is volatile and designed to be hit repeatedly but even that goes pop. I've just had to change a memory stick on my lab machine because the old one wore out.Wear and tear.

From: Dave AA6YQ <aa6yq@... <mailto:aa6yq%40ambersoft.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Sunday, 23 August, 2009 6:39:25
Subject: RE: [FT897] Re: EEPROM write dangers?

Offline, perhaps you will explain exactly what wears out in a dynamic RAM. I designed several commercial computers during the 1970s and 1980s that implemented main memory with DRAMs, many of which are still deployed and running. There are cells in those DRAMs that have been read and written literally billions of times without a permanent failure (soft errors from alpha particles are not a "wear and tear" issue). What wear mechanism becomes manifest after billions of operations?

What are you using for an 897 sniffer? Have you used it to measure the rate at which Yaesu's code generates write/erase operations? A reliable measurement would eliminate the uncertainty we've been discussing.

If an EEPROM of the type used in an FT-897 were to lose its write/erase capability after fewer than 1 million write/erase operations, the part would be considered out-of-spec and thus defective.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Darren S

Sent: Saturday, August 22, 2009 10:55 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

I'm beyond the introduction, my friend. Components wear out through use.
It's not semiconductor physics, it's physics, period.
MY serial port sniffer shows reads and writes but my 897 sniffer tells me
what's written and what's changed.

1 million. I beleive that was the number i quoted. but saying that.s there's
no guarantee it will fall apart after that or that it won't fail before.
Like i said, physics with a little bit of chaos theory.
:)

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Sunday, 23 August, 2009 3:47:02
Subject: RE: [FT897] Re: EEPROM write dangers?

There is no "wear and tear" involved in moving charge to and from a
one-transistor cell in a dynamic random access memory (DRAM). To confirm
this, read any introduction to semiconductor physics.

Your serial port sniffer will not show you any of the EEPROM writes
generated by the code running on the processor embedded in your transceiver.
I will not repeat this basic and obvious point again.

The specification for the EEPROM used in the FT897, whose URL I posted
earlier in this thread, states that it's good for 1 million write/erase
cycles. Until you know the rate at which Yaesu's code running on the
processor in your transceiver emits EEPROM writes, you don't know how many
of those 1 million write/erase cycles have already been consumed, and thus
you don't know what risk you are taking by running PC software that
initiates additional EEPROM writes via the serial port. A sequence of
logical deductions based on incontrovertible fact (the limit cited in the
spec) *is* a proof.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of
Darren S
Sent: Saturday, August 22, 2009 8:10 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

they all have limits. It's physics. the law known as wear and tear.
The serial sniffer tells me what commands are being snet to the 897 and my
897 sniffer tells me whats in the eeprom and what has changed.

The point that eeproms pop at the drop of a hat is yours and hence your to offer proof to back up. You have offered none.

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Saturday, 22 August, 2009 17:38:33
Subject: RE: [FT897] Re: EEPROM write dangers?

DRAMs do not have limits on read or write operations. Some EEPROMs do not have limits on read operations.

A serial port sniffer will not allow you to determine how frequently the software running on your transceiver' s microprocessor emits EEPROM write operations. You either need the source code for this software, or you need a way of monitoring the EEPROM - e.g. with a scope or a logic analyzer. If you perform this assessment, please share your results here.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 12:20 PM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

1. they have read and write limits. It's physics. Nothing lasts forever.

2. I know. I'm mapping the 897 rather than the 817.

3. I have a serial port sniffer and don't tell me what I have no idea of!
.

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Saturday, 22 August, 2009 16:55:21
Subject: RE: [FT897] Re: EEPROM write dangers?

1. I don't recall seeing a limit on read operations in the spec for the EEPROM used in the FT-897

2. If you peruse Clint KA7OEI's web page - specifically the memory layout - you'll see that there are many parameters stored in EEPROM

3. Unless you have access to Yaesu's source code or have monitored the EEPROM with a scope or logic analyzer, you have no idea at what frequency EEPROM write operations are performed by the code embedded in the FT897. Thus you do not know whether additional EEPROM writes generated by software using the undocumented CAT instruction are or are not problematic.

73,

Dave, AA6YQ

From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of Darren S
Sent: Saturday, August 22, 2009 11:19 AM
To: FT897@yahoogroups. com
Subject: Re: [FT897] Re: EEPROM write dangers?

EEproms memory also has a read limit too. It's higher than the write limit but the system writes to the eeprom when you set a memory or turn the machine off. Telling nt to write to something at all that allows a million or so write cycles before it starts to fail even if it does then is panic spreading. likely my 897 will not last as long as its eeprom

---------- --------- --------- --
From: Dave AA6YQ <aa6yq@ambersoft. com <mailto:aa6yq% 40ambersoft. com> >
To: FT897@yahoogroups. com <mailto:FT897% 40yahoogroups. com>
Sent: Friday, 21 August, 2009 2:20:31
Subject: RE: [FT897] Re: EEPROM write dangers?

Rob, as I have pointed out (repeatedly) , the absence of failures to this point in time only means that the limit has not yet been reached. It tells you nothing about when the limit will be reached.

Given this uncertainty, I advise users of FT817s, FT857s, and FT897s to not use the undocumented "write to EEPROM" CAT command; those that do so anyway at least understand the risk they are taking, the magnitude of which lies somewhere between negligible and signficant.

I'll leave the thrill of contacting Yaesu to those who advocate the use of the undocumented "write to EEPROM" CAT command. I'd be happy to learn that there's no risk, but until then I'll control my FT-817's RF power level by hand.

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com]On Behalf Of w1aex
Sent: Thursday, August 20, 2009 9:03 PM
To: FT897@yahoogroups. com
Subject: [FT897] Re: EEPROM write dangers?

David,

How many 897/857's have failed from EEPROM failure? I have read the entire thread and fully understand the concepts discussed, but the reality is that in the field, the rigs are not failing from the utilization of rig control software. I would suggest you bring your concerns regarding this topic to Yaesu. Ask them how many EEPROM failures have turned up in their service centers. Until you have facts to present regarding actual failure rates, everything else stated in this thread is unsubstantiated speculation.

73,

Rob W1AEX

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27489. RE: [FT897] EEPROM write dangers?

Yahoo group: FT897 (2009)
Date: 2009-08-23 16:23:23 UTC
From: Dave AA6YQ
Topic: 27393 Message: 27489

For a description of EEPROM and Flash technologies, see

< <http://en.wikipedia.org/wiki/EEPROM>
http://en.wikipedia.org/wiki/EEPROM>

The specification for the EEPROM used in the FT-897, the URL for which was posted earlier in this thread, states a limit of 1 million erase/write cycles.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DavidN
Sent: Sunday, August 23, 2009 9:51 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] EEPROM write dangers?

I'm a little confused by some of the comments made on this topic. I've always understood that flash memory has a problem with memory wear. This problem is even more important nowadays with the introduction of SSD-only minbooks (Elonex, CnMLifestyle etc) which don't have a hard drive, just memory.

So I do wonder if the same must be true of EEPROMs? The wiki for flash memory says:

Another limitation is that flash memory has a finite number of erase-write cycles. Most commercially available flash products are guaranteed to withstand around 100,000 write-erase-cycles, before the wear begins to deteriorate the integrity of the storage.

The wiki is here:

http://en.wikipedia.org/wiki/Flash_memory

Have a look for* Memory Wear*, almost half-way down the page.

David G4TUP.

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[Non-text portions of this message have been removed]

27490. MODERATOR MESSAGE: *** Yaesu employee thread *** PLEASE READ

Yahoo group: FT897 (2009)
Date: 2009-08-23 16:25:40 UTC
From: w4wb
Topic: 27490 Message: 27490

Folks,

1. Please keep to the topic bounds provided in the Guidelines you received for this forum.

2. Kindly drop the "Yaesu employee" now.

3. It is fine to discuss what new features you would like to see in the FT-897D, as well as those that you find weak or useless.

4. Following the normal product development path of Yaesu, it is about time that the replacement for the FT-897D be introduced. Indeed there are "rumors" that such replacement is coming soon. If so, the feature set has been likely finalized at least a year ago. Word I received is that the replacement will be much more of a software defined radio, which would allow more feature flexibility and updating capability. The major ham radio show in Japan is going on this weekend, JARL Ham Fair 2009, and this is likely where the first actual announcement will be made. FWIW, they had about 29,000 attend last year and that is a lot more than went to the Dayton Hamvention.

5. And finally, if you don't like a thread or feel it is OT, then contact me directly. Please don't take it upon yourself to police the list. Remember, your DELETE key is a powerful tool to eliminate posts you don't care to read.

Tnx es 73 de
Barry W4WB, Moderator

27491. MODERATOR MESSAGE: *** EEPROM write dangers thread ***

Yahoo group: FT897 (2009)
Date: 2009-08-23 16:29:34 UTC
From: w4wb
Topic: 27491 Message: 27491

Please take your discussion off the list now and go simplex. A few of you are having essentially a private debate on this subject in front of almost 8,000 members.

Tnx,
Barry W4WB, Moderator

27494. Re: [FT897] extra PA-PTT via ACC socket

Yahoo group: FT897 (2009)
Date: 2009-08-22 21:04:13 UTC
From: Rob Fenn
Topic: 27444 Message: 27494

> Sorry, but what feature will this mod due for me? Foot switch?
Rob
KC6TYD

> I made a small pictured advice in German/English language.
> All on your own risk.
> 73's Erwin/DK5EW
>
> Link: http://www.qslnet.de/member/dk5ew/FT-897D%20extra%20PA-PTT.pdf
>
>

[Non-text portions of this message have been removed]

27496. Re: extra PA-PTT via ACC socket

Yahoo group: FT897 (2009)
Date: 2009-08-24 04:35:45 UTC
From: dk5ew
Topic: 27444 Message: 27496

Rob,
this mod gives you a extra PA-PTT (switching to ground) at the ACC plug. You may need it if your plugs CAT/DATA are already in use like at me with the MicroHam DigiKeyer interface. If both are in use you can't switch you PA so you need that. If you don't use any digital interface use data/cat for switching you PA.Either if you don't have a PA you don't need that mod :-)
73's Erwin/DK5EW

--- In FT897@yahoogroups.com, Rob Fenn <rtyd@...> wrote:
>
> > Sorry, but what feature will this mod due for me? Foot switch?
> Rob
> KC6TYD
>
>
> > I made a small pictured advice in German/English language.
> > All on your own risk.
> > 73's Erwin/DK5EW
> >
> > Link: http://www.qslnet.de/member/dk5ew/FT-897D%20extra%20PA-PTT.pdf
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

27497. Re: [FT897] Re: extra PA-PTT via ACC socket

Yahoo group: FT897 (2009)
Date: 2009-08-24 14:33:03 UTC
From: Thomas Wilson
Topic: 27444 Message: 27497

By PA, do you mean Power Amp?

So let me see if I understand: Normally, this jack is an input. The ring on the ACC port normally causes the radio to transmit a continuous, unmodulated carrier for tuning. So by switching this jumper, is this now a PTT *output*, used to SEND a PTT request to a power amp?

If so, then that is useful. Of course, you lose the cool tuning functionality on that port, but you can still switch to AM or CW and key the radio.

-tom KI6ABZ

On Sun, Aug 23, 2009 at 9:35 PM, dk5ew<wini.witt@...> wrote:
>
>
> Rob,
> this mod gives you a extra PA-PTT (switching to ground) at the ACC plug. You
> may need it if your plugs CAT/DATA are already in use like at me with the
> MicroHam DigiKeyer interface. If both are in use you can't switch you PA so
> you need that. If you don't use any digital interface use data/cat for
> switching you PA.Either if you don't have a PA you don't need that mod :-)
> 73's Erwin/DK5EW

--
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

27498. INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-24 22:00:31 UTC
From: John Geiger
Topic: 27498 Message: 27498

Does anyone on the list know if the INRAD and W4RT filters for the FT857D/897D are identical in performance to each other, and to the Yaesu filters? I know that INRAD makes better crystal filters than the original manufacturer's filters but is that also true for mechanical ones?

73s John AA5JG

27499. Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-24 20:02:10 UTC
From: John E
Topic: 27499 Message: 27499

With the internal battery's on the FT-897 can one use the battery charging port to power up the LDG AT-100Pro ?

Or is there a better way to power the LDG-AT-100Pro ?

Thanks de John K0CQW

27500. Re: [FT897] INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-24 23:38:58 UTC
From: Dean Nash
Topic: 27498 Message: 27500

My W4RT SSB filter works just as well as the Yaesu equivalent.

73 de N4SHD

From: John Geiger <aa5jg@yahoo.com>
To: ft857@yahoogroups.com; ft-857@yahoogroups.com; ft897@yahoogroups.com; yaesu@...
Sent: Monday, August 24, 2009 6:00:31 PM
Subject: [FT897] INRAD vs W4RT vs Yaesu

Does anyone on the list know if the INRAD and W4RT filters for the FT857D/897D are identical in performance to each other, and to the Yaesu filters? I know that INRAD makes better crystal filters than the original manufacturer' s filters but is that also true for mechanical ones?

73s John AA5JG

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27501. RE: [FT897] INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 01:30:35 UTC
From: Michael Walker (VA3MW)
Topic: 27498 Message: 27501

Yes, but what are the specs on it, as in Q factor, etc.

For the W4RT, read this one http://www.w4wb.com/index.htm - but they don't seem to publish the shape factor. $134 if you are talking SSB.

For Inrad, review this one: http://www.inrad.net/product.php?productid=18 <http://www.inrad.net/product.php?productid=18&cat=126&page=1> &cat=126&page=1. The shape factor is 1.6. $145 for the 2.3khz SSB one.

Either will blow the Murata 4 cent filter that is installed out of the water. I bet you'll be hard pressed to tell the difference by ear.

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: Dean Nash [mailto:n4shd@...]
Sent: Monday, August 24, 2009 07:39
To: FT897@yahoogroups.com
Subject: Re: [FT897] INRAD vs W4RT vs Yaesu

My W4RT SSB filter works just as well as the Yaesu equivalent.

73 de N4SHD

_____
From: John Geiger <aa5jg@... <mailto:aa5jg%40yahoo.com> >
To: ft857@yahoogroups.com <mailto:ft857%40yahoogroups.com> ;
ft-857@yahoogroups.com <mailto:ft-857%40yahoogroups.com> ;
ft897@yahoogroups.com <mailto:ft897%40yahoogroups.com> ;
yaesu@... <mailto:yaesu%40mailman.qth.net>
Sent: Monday, August 24, 2009 6:00:31 PM
Subject: [FT897] INRAD vs W4RT vs Yaesu

Does anyone on the list know if the INRAD and W4RT filters for the FT857D/897D are identical in performance to each other, and to the Yaesu filters? I know that INRAD makes better crystal filters than the original manufacturer' s filters but is that also true for mechanical ones?

73s John AA5JG

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[Non-text portions of this message have been removed]

27502. Re: INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 02:11:30 UTC
From: motarolla_doctor
Topic: 27498 Message: 27502

Which bandwith filter is the preferred one for general SSB usage, and while keeping the stock FT897D SSB filter in the radio too..

I am thinking the Inrad filters.

--- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Yes, but what are the specs on it, as in Q factor, etc.
>
>
>
> For the W4RT, read this one http://www.w4wb.com/index.htm - but they don't
> seem to publish the shape factor. $134 if you are talking SSB.
>
>
>
> For Inrad, review this one: http://www.inrad.net/product.php?productid=18
> <http://www.inrad.net/product.php?productid=18&cat=126&page=1>
> &cat=126&page=1. The shape factor is 1.6. $145 for the 2.3khz SSB one.
>
>
>
> Either will blow the Murata 4 cent filter that is installed out of the
> water. I bet you'll be hard pressed to tell the difference by ear.
>
>
>
> Mike VA3MW
>
>
>
>
>
> http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html
>
>
>
> From: Dean Nash [mailto:n4shd@...]
> Sent: Monday, August 24, 2009 07:39
> To: FT897@yahoogroups.com
> Subject: Re: [FT897] INRAD vs W4RT vs Yaesu
>
>
>
>

>
> My W4RT SSB filter works just as well as the Yaesu equivalent.
>
>
> 73 de N4SHD
>
> _____
> From: John Geiger <aa5jg@... <mailto:aa5jg%40yahoo.com> >
> To: ft857@yahoogroups.com <mailto:ft857%40yahoogroups.com> ;
> ft-857@yahoogroups.com <mailto:ft-857%40yahoogroups.com> ;
> ft897@yahoogroups.com <mailto:ft897%40yahoogroups.com> ;
> yaesu@... <mailto:yaesu%40mailman.qth.net>
> Sent: Monday, August 24, 2009 6:00:31 PM
> Subject: [FT897] INRAD vs W4RT vs Yaesu
>
>
> Does anyone on the list know if the INRAD and W4RT filters for the
> FT857D/897D are identical in performance to each other, and to the Yaesu
> filters? I know that INRAD makes better crystal filters than the original
> manufacturer' s filters but is that also true for mechanical ones?
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

27503. Re: [FT897] INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 03:38:57 UTC
From: Dean Nash
Topic: 27498 Message: 27503

Then what's the point of your question???

Using your logic, I'd say buy the cheaper of the filters since there is no discernable difference.......... (Which is what *I* said.....)

73 de N4SHD

From: Michael Walker (VA3MW) <va3mw@...>
To: FT897@yahoogroups.com
Sent: Monday, August 24, 2009 9:30:35 PM
Subject: RE: [FT897] INRAD vs W4RT vs Yaesu

Yes, but what are the specs on it, as in Q factor, etc.

For the W4RT, read this one http://www.w4wb. com/index. htm - but they don't seem to publish the shape factor. $134 if you are talking SSB.

For Inrad, review this one: http://www.inrad. net/product. php?productid= 18 <http://www..inrad. net/product. php?productid= 18&cat=126& page=1> &cat=126&page= 1. The shape factor is 1.6. $145 for the 2.3khz SSB one.

Either will blow the Murata 4 cent filter that is installed out of the water. I bet you'll be hard pressed to tell the difference by ear.

Mike VA3MW

http://walkerphoto. blogspot. com/2009/ 07/remote- ham-radio- operating. html

From: Dean Nash [mailto:n4shd@yahoo. com]
Sent: Monday, August 24, 2009 07:39
To: FT897@yahoogroups. com
Subject: Re: [FT897] INRAD vs W4RT vs Yaesu

My W4RT SSB filter works just as well as the Yaesu equivalent.

73 de N4SHD

From: John Geiger <aa5jg@yahoo. com <mailto:aa5jg% 40yahoo.com> >
To: ft857@yahoogroups. com <mailto:ft857% 40yahoogroups. com> ;
ft-857@yahoogroups. com <mailto:ft-857% 40yahoogroups. com> ;
ft897@yahoogroups. com <mailto:ft897% 40yahoogroups. com> ;
yaesu@mailman. qth.net <mailto:yaesu% 40mailman. qth.net>
Sent: Monday, August 24, 2009 6:00:31 PM
Subject: [FT897] INRAD vs W4RT vs Yaesu

Does anyone on the list know if the INRAD and W4RT filters for the FT857D/897D are identical in performance to each other, and to the Yaesu filters? I know that INRAD makes better crystal filters than the original manufacturer' s filters but is that also true for mechanical ones?

73s John AA5JG

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27504. Re: [FT897] Re: INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 03:56:33 UTC
From: Thomas Wilson
Topic: 27498 Message: 27504

Aren't they both the same filter module? W4RT or Inrad just mounts it
on a PCB. I would think that you're basically getting the same thing
from W4RT, Inrad, or Yaesu. the only difference is who's soldering the
filter to the board.

-tom ki6abz

On Mon, Aug 24, 2009 at 8:11 PM, motarolla_doctor<echocomms@...> wrote:
>
>
> Which bandwith filter is the preferred one for general SSB usage, and while
> keeping the stock FT897D SSB filter in the radio too..
>
> I am thinking the Inrad filters.
>
> --- In FT897@yahoogroups.com, "Michael Walker \(VA3MW\)" <va3mw@...> wrote:
>>
>> Yes, but what are the specs on it, as in Q factor, etc.
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>>
>>
>> For the W4RT, read this one http://www.w4wb.com/index.htm - but they don't
>> seem to publish the shape factor. $134 if you are talking SSB.
>>
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>>
>> For Inrad, review this one: http://www.inrad.net/product.php?productid=18
>> <http://www.inrad.net/product.php?productid=18&cat=126&page=1>
>> &cat=126&page=1. The shape factor is 1.6. $145 for the 2.3khz SSB one.
>>
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>> Either will blow the Murata 4 cent filter that is installed out of the
>> water. I bet you'll be hard pressed to tell the difference by ear.
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>> Mike VA3MW
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>>
>> http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html
>>

>>
>>
>> From: Dean Nash [mailto:n4shd@...]
>> Sent: Monday, August 24, 2009 07:39
>> To: FT897@yahoogroups.com
>> Subject: Re: [FT897] INRAD vs W4RT vs Yaesu
>>
>>
>>
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>>
>> My W4RT SSB filter works just as well as the Yaesu equivalent.
>>
>>
>> 73 de N4SHD
>>
>> _____
>> From: John Geiger <aa5jg@... <mailto:aa5jg%40yahoo.com> >
>> To: ft857@yahoogroups.com <mailto:ft857%40yahoogroups.com> ;
>> ft-857@yahoogroups.com <mailto:ft-857%40yahoogroups.com> ;
>> ft897@yahoogroups.com <mailto:ft897%40yahoogroups.com> ;
>> yaesu@... <mailto:yaesu%40mailman.qth.net>
>> Sent: Monday, August 24, 2009 6:00:31 PM
>> Subject: [FT897] INRAD vs W4RT vs Yaesu
>>
>>
>> Does anyone on the list know if the INRAD and W4RT filters for the
>> FT857D/897D are identical in performance to each other, and to the Yaesu
>> filters? I know that INRAD makes better crystal filters than the original
>> manufacturer' s filters but is that also true for mechanical ones?
>>
>> 73s John AA5JG
>>
>> [Non-text portions of this message have been removed]
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>> [Non-text portions of this message have been removed]
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>

--
Tom Wilson
wilsontp@gmail.com
(619)212-6311
KI6ABZ

27505. RE: [FT897] Re: INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 04:02:07 UTC
From: Michael Walker (VA3MW)
Topic: 27498 Message: 27505

2.3K is a good compromise. 1.8 is ok for contesting.

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: motarolla_doctor [mailto:echocomms@...]
Sent: Monday, August 24, 2009 10:12
To: FT897@yahoogroups.com
Subject: [FT897] Re: INRAD vs W4RT vs Yaesu

Which bandwith filter is the preferred one for general SSB usage, and while
keeping the stock FT897D SSB filter in the radio too..

I am thinking the Inrad filters.

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Michael
Walker \(VA3MW\)" <va3mw@...> wrote:
>
> Yes, but what are the specs on it, as in Q factor, etc.
>
>
>
> For the W4RT, read this one http://www.w4wb.com/index.htm - but they don't
> seem to publish the shape factor. $134 if you are talking SSB.
>
>
>
> For Inrad, review this one: http://www.inrad.net/product.php?productid=18
> <http://www.inrad.net/product.php?productid=18
<http://www.inrad.net/product.php?productid=18&cat=126&page=1>
&cat=126&page=1>
> &cat=126&page=1. The shape factor is 1.6. $145 for the 2.3khz SSB one.
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> Either will blow the Murata 4 cent filter that is installed out of the
> water. I bet you'll be hard pressed to tell the difference by ear.
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> Mike VA3MW
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> http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html
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>
> From: Dean Nash [mailto:n4shd@...]
> Sent: Monday, August 24, 2009 07:39
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: Re: [FT897] INRAD vs W4RT vs Yaesu
>
>
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>
>
> My W4RT SSB filter works just as well as the Yaesu equivalent.
>
>
> 73 de N4SHD
>
> _____
> From: John Geiger <aa5jg@... <mailto:aa5jg%40yahoo.com> >
> To: ft857@yahoogroups.com <mailto:ft857%40yahoogroups.com>
<mailto:ft857%40yahoogroups.com> ;
> ft-857@yahoogroups.com <mailto:ft-857%40yahoogroups.com>
<mailto:ft-857%40yahoogroups.com> ;
> ft897@yahoogroups.com <mailto:ft897%40yahoogroups.com>
<mailto:ft897%40yahoogroups.com> ;
> yaesu@... <mailto:yaesu%40mailman.qth.net>
> Sent: Monday, August 24, 2009 6:00:31 PM
> Subject: [FT897] INRAD vs W4RT vs Yaesu
>
>
> Does anyone on the list know if the INRAD and W4RT filters for the
> FT857D/897D are identical in performance to each other, and to the Yaesu
> filters? I know that INRAD makes better crystal filters than the original
> manufacturer' s filters but is that also true for mechanical ones?
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27506. Re: INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-25 04:22:29 UTC
From: w4wb
Topic: 27498 Message: 27506

All three use the identical filter ... part number is the same except the suffix is different which just means the label is different. Collins part # is 526-8739-010 (010 may be 020 or whatever). Has 10-poles, BW is 2.26 KHz @ -6 dB, and BW = 4.6 kHz @ -66 dB while the 526-8731-010 has 8-poles, BW is 2.00 @ -3 dB, and BW = 4.4 KHz @ -60 dB.

If you pay close attention to the numbers, you will notice that 526-8731 has a BW equal to about 2.2 KHz @ -6 dB. So these filters are rather similar except the 8739 has a bit better out of band rejection.

In practice when I have used both filters on-the-air, I found I liked the sound of the 2.26 (some round up to 2.3) filter over the 2.00 filter. OBJ is better IMHO as well.

You can see the measured performance of the W4RT 500 and 2260 filter in an article at http://www.w4wb.com/Reviews/QQ-Oct-01-Filter-Review.pdf .

73 de Barry W4WB

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> Does anyone on the list know if the INRAD and W4RT filters for the FT857D/897D are identical in performance to each other, and to the Yaesu filters? I know that INRAD makes better crystal filters than the original manufacturer's filters but is that also true for mechanical ones?
>
> 73s John AA5JG
>

27507. Re: extra PA-PTT via ACC socket

Yahoo group: FT897 (2009)
Date: 2009-08-25 04:35:13 UTC
From: dk5ew
Topic: 27444 Message: 27507

Hi Tom,
yes now you have it 100% !
You are right you lose the tuning /ACC) function of the PA (power amplifier). As I use only 2m that 2m PA's has no need of the ACC
but if you have a short wave PA you may need it. Doing this mode it is now switching the PA in every mode not only AM/CW.
regards
Erwin/DK5EW

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> By PA, do you mean Power Amp?
>
> So let me see if I understand: Normally, this jack is an input. The
> ring on the ACC port normally causes the radio to transmit a
> continuous, unmodulated carrier for tuning. So by switching this
> jumper, is this now a PTT *output*, used to SEND a PTT request to a
> power amp?
>
> If so, then that is useful. Of course, you lose the cool tuning
> functionality on that port, but you can still switch to AM or CW and
> key the radio.
>
> -tom KI6ABZ
>
> On Sun, Aug 23, 2009 at 9:35 PM, dk5ew<wini.witt@...> wrote:
> >
> >
> > Rob,
> > this mod gives you a extra PA-PTT (switching to ground) at the ACC plug. You
> > may need it if your plugs CAT/DATA are already in use like at me with the
> > MicroHam DigiKeyer interface. If both are in use you can't switch you PA so
> > you need that. If you don't use any digital interface use data/cat for
> > switching you PA.Either if you don't have a PA you don't need that mod :-)
> > 73's Erwin/DK5EW
>
> --
> Tom Wilson
> wilsontp@...
> (619)212-6311
> KI6ABZ
>

27508. Amp connection

Yahoo group: FT897 (2009)
Date: 2009-08-25 12:31:11 UTC
From: Thomas Meggison
Topic: 27508 Message: 27508

Good morning all, I have recently acquired an Ameritron AL-80B Amplifier. I wish to hook it up to my FT-897D. I also purchased a Palstar AT1500DT antenna tuner. My main concern is getting the correct wires to hookup the amp to the transceiver. What connection on the back of the FT-897 is used and what or where I can get the correct cables. I am a new ham and this is my first amp so please give me a little latitude on this simple question. Thank you all 73's
Tom

27509. RE: [FT897] Amp connection

Yahoo group: FT897 (2009)
Date: 2009-08-25 12:43:06 UTC
From: Michael Walker (VA3MW)
Topic: 27508 Message: 27509

Look back over the past week or 2. That was just discussed.

Mike

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: Thomas Meggison [mailto:meggi@...]
Sent: Tuesday, August 25, 2009 08:31
To: FT897@yahoogroups.com
Subject: [FT897] Amp connection

Good morning all, I have recently acquired an Ameritron AL-80B
Amplifier. I wish to hook it up to my FT-897D. I also purchased a
Palstar AT1500DT antenna tuner. My main concern is getting the
correct wires to hookup the amp to the transceiver. What connection
on the back of the FT-897 is used and what or where I can get the
correct cables. I am a new ham and this is my first amp so please
give me a little latitude on this simple question. Thank you all 73's
Tom

[Non-text portions of this message have been removed]

27510. RE: [FT897] Amp connection

Yahoo group: FT897 (2009)
Date: 2009-08-25 13:18:21 UTC
From: Michael Walker (VA3MW)
Topic: 27508 Message: 27510

Tom

More on this, and please don't take it the wrong way. J

I would hold off on hooking up the Amplifier at this time. Running 100 watts is just fine for most things, however, amplifiers will drive you crazy with a number of issues like RFI, etc.

Until you get a feel for dealing with the RF/high voltages, etc. parts for HF, it might be better just to leave it on the desk looking like it is hooked up. Then, find an experienced ham who has used Amps before and have him teach you.

Amps are pretty simple to hook up. For the most part, you need some coax and the 1 PTT wire to key the amplifier. It is in your best interest to understand how the radio keys the amp and how the amp is keyed. It is pretty simple stuff, but it is very important that you comprehend what goes on.

I've been a ham since I was 14. Technology has always been my hobby. Even today, being active for over 35 years, having worked on Avionics, amps still are fickle. As an example, I installed a solid state SGC500 amp at my remote base. Fed it with a 70A 12 V power supply and a 100aH battery in parallel. Yet, it still trips off due to over current. It isn't due to RF or grounds. I'm still working on it, and I think I have it solved.

So, my 2 cents (which you didn't pay for), is to take some baby steps. Get the tuner working (or, better yet, get, build, antennas that are 50 ohm resonant so you don't need the tuner). I own a few tuners. All of them gather dust. Even here in my small backyard in the city of Toronto.

I know there are many others that will echo my thoughts. Baby Steps. <big grin>

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: Michael Walker (VA3MW) [mailto:va3mw@...]
Sent: Tuesday, August 25, 2009 08:43
To: FT897@yahoogroups.com
Subject: RE: [FT897] Amp connection

Look back over the past week or 2. That was just discussed.

Mike

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: Thomas Meggison [mailto:meggi@...
<mailto:meggi%40rochester.rr.com>]
Sent: Tuesday, August 25, 2009 08:31
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Amp connection

Good morning all, I have recently acquired an Ameritron AL-80B Amplifier. I wish to hook it up to my FT-897D. I also purchased a Palstar AT1500DT antenna tuner. My main concern is getting the correct wires to hookup the amp to the transceiver. What connection on the back of the FT-897 is used and what or where I can get the correct cables. I am a new ham and this is my first amp so please give me a little latitude on this simple question. Thank you all 73's Tom

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27511. Re: [FT897] Amp connection

Yahoo group: FT897 (2009)
Date: 2009-08-25 13:44:10 UTC
From: Charles Mintoff
Topic: 27508 Message: 27511

Very good advise Mike Learn to Walk before you can Run
Charlie 9H4CM

On Tue, Aug 25, 2009 at 3:18 PM, Michael Walker
(VA3MW)<va3mw@...> wrote:
>
>
> Tom
>
> More on this, and please don't take it the wrong way. J
>
> I would hold off on hooking up the Amplifier at this time. Running 100
> watts is just fine for most things, however, amplifiers will drive you crazy
> with a number of issues like RFI, etc.
>
> Until you get a feel for dealing with the RF/high voltages, etc. parts for
> HF, it might be better just to leave it on the desk looking like it is
> hooked up. Then, find an experienced ham who has used Amps before and have
> him teach you.
>
> Amps are pretty simple to hook up. For the most part, you need some coax
> and the 1 PTT wire to key the amplifier. It is in your best interest to
> understand how the radio keys the amp and how the amp is keyed. It is
> pretty simple stuff, but it is very important that you comprehend what goes
> on.
>
> I've been a ham since I was 14. Technology has always been my hobby. Even
> today, being active for over 35 years, having worked on Avionics, amps still
> are fickle. As an example, I installed a solid state SGC500 amp at my
> remote base. Fed it with a 70A 12 V power supply and a 100aH battery in
> parallel. Yet, it still trips off due to over current. It isn't due to RF
> or grounds. I'm still working on it, and I think I have it solved.
>
> So, my 2 cents (which you didn't pay for), is to take some baby steps. Get
> the tuner working (or, better yet, get, build, antennas that are 50 ohm
> resonant so you don't need the tuner). I own a few tuners. All of them
> gather dust. Even here in my small backyard in the city of Toronto.
>
> I know there are many others that will echo my thoughts. Baby Steps. <big
> grin>
>
> Mike VA3MW
>
> http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html
>

> From: Michael Walker (VA3MW) [mailto:va3mw@...]
> Sent: Tuesday, August 25, 2009 08:43
> To: FT897@yahoogroups.com
> Subject: RE: [FT897] Amp connection
>
> Look back over the past week or 2. That was just discussed.
>
> Mike
>
> http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html
>
> From: Thomas Meggison [mailto:meggi@...
> <mailto:meggi%40rochester.rr.com>]
> Sent: Tuesday, August 25, 2009 08:31
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Subject: [FT897] Amp connection
>
> Good morning all, I have recently acquired an Ameritron AL-80B
> Amplifier. I wish to hook it up to my FT-897D. I also purchased a
> Palstar AT1500DT antenna tuner. My main concern is getting the
> correct wires to hookup the amp to the transceiver. What connection
> on the back of the FT-897 is used and what or where I can get the
> correct cables. I am a new ham and this is my first amp so please
> give me a little latitude on this simple question. Thank you all 73's
> Tom
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

27512. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-08-25 16:51:14 UTC
From: kc9ipv
Topic: 27274 Message: 27512

Update.

Ok, I got the schematic from yaesu. They are using .1u (104) capacitors to filter noise on all 3 lines coming out of the charger. On pin 3 (charging voltage) there is an unused place for diode D5. I placed a .001u(102) cap there. On pin 6 (blue wire) I placed a .001u cap between it and pin 1 (ground). I straddled a .001u cap over C19 coming from the white wire at pin 5. This adds higher frequency filtering on all lines going to the battery.

When testing I found the noise greatly reduced and is barely audible and no longer shows up on the S meter with the exception of the 6 meter band. 6 is still giving me a very high noise level. 2 meters is fine and I didn't test UHF. I can live with 6 since I don't use it often and when I do I won't be using the internal batteries. I also still have the 6 RFI beads on the wire coming out of the charger.

To open the case feel around on the sticker. There are 2 torx screws back there. Then pinch the sides to pop it open.

While you have it open you might as well check the output voltage at pin 3 and adjust VR1 to set it to 16.5vdc

mike
kc9ipv

--- In FT897@yahoogroups.com, "blackbelair" <geminifred@...> wrote:
>
> --- In FT897@yahoogroups.com, "kc9ipv" <mike@> wrote:
> >
> > Well, I got an email from the tech support guy from Yaesu. He is mailing the schematics today! Very supprised and impressed with the response from them.
> >
> > I've managed to pic apart some of the circuit but the schematics will be very helpful.
> >
> > Taking a stab at the cause I'd guess its in the voltage step up circuit since there is no AC input and the DC input is clean.
> >
> > Anyone have a schematic for the W4RT unit?
> >
> > mike
> > kc9ipv
> >
> > >
> > > That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.
> > >
> > > I opened up the CD-24 this evening and put it on the scope and was amazed at just how

dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?
> > >
> > > mike
> > > kc9ipv
> > >
> > > --- In FT897@yahoogroups.com, Dean Nash <n4shd@> wrote:
> > > >
> > > > Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
> > > >
> > > >
> > > > 73 de N4SHD
> > > >
> > > >
> > > >
> > > >
> > > > _____
> > > > From: kc9ipv <mike@>
> > > > To: FT897@yahoogroups.com
> > > > Sent: Wednesday, August 19, 2009 7:24:32 AM
> > > > Subject: [FT897] Re: Noise from OEM Battery charger
> > > >
> > > >
> > > > Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.
> > > >
> > > > mike
> > > > kc9ipv
> > > >
> > > > > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.
> > > > > I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> > > > > Fred
> > > > > k6kub
>
> It would be really nice to sus out and eliminate the source of noise from the cd-24. I thought for sure the noise was coming from the Pa-26 wall charger. I want to use a solar panel for portable operation but if there is going to be noise injected using a panel, then its back to lugging extra batteries.
> B.T.W. how did you manage to open the cd-24 case? I tried to open mine but it seemed that the cover would break instead of popping off.
> Fred
> k6kub
> > > > > >

> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

27516. greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 02:34:03 UTC
From: zephyrhawaii
Topic: 27516 Message: 27516

Hello everyone,

Am I glad to see that this group exists :) I just redeemed my expired ticket and upgraded. I plan to purchase my first HF transceiver in the not too distant future.

Which radios are the main competition against the 897D? I really like the 897D's features, even though I've never seen one in real life. Despite this, I want to compare it to its competition first before I hand over my hard-earned greenbacks.

I plan on doing mostly base and portable work, and maybe a little mobile later. My main modes for now will be morse and voice, but I plan to get into other modes later.

Also, which accessories (power supplies, antennas, keyers, etc.) work best with the 897D? I know it would be easy to purchase all Yaesu accessories along with the radio, but I know there are lots of good aftermarket products out there. I want the most bang for the buck, because of my small budget.

Thanks for having me in your group.

73 SK AR,
Zephyr

27517. Re: [FT897] greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 04:44:29 UTC
From: Lew Phelps K6LMP
Topic: 27516 Message: 27517

If having VHF/UHF capability in a single rig along with HF, the 897 is an excellent choice.

If HF is your primary focus, and you don't care about 2 meters/440 (or are planning to add your "mobile" capability with a 2M/440 pure mobile rig later on), then I would also take a serious look at the Elecraft K2 and K3. The former model is older, smaller, and less costly, and comes either assembled or in a kit. The newer K3 has the best performance figures of any rig I've seen reviewed in QST, and draws rave reviews generally. It's small enough for "portable" use, and operates on 12 VDC, which means you can run it from a vehicle battery. Either the K2 or K3 can be "brought into" VHF-land with separate transverters that Elecraft sells that will provide all-mode coverage in every ham band through 440.

I am very happy with my 897D, but if a thousand dollar bill fell from the sky with a note attached to it saying "spend on ham gear," I'd buy an Elecraft K3 in a heartbeat.

In terms of aftermarket products, there's pretty widespread agreement on this group that the Yaesu autotuner is not as good as the LDG AT-897.

Lew K6LMP

>

27518. Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 08:25:46 UTC
From: zephyrhawaii
Topic: 27516 Message: 27518

Thanks, Lew. Yes, I want to have everything in one box for now because I plan to get on VHF and UHF as well. Thanks for the tips though. I'll remember the part about the tuner :)

Zephyr

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> If having VHF/UHF capability in a single rig along with HF, the 897 is
> an excellent choice.
>
> If HF is your primary focus, and you don't care about 2 meters/440 (or
> are planning to add your "mobile" capability with a 2M/440 pure mobile
> rig later on), then I would also take a serious look at the Elecraft
> K2 and K3. The former model is older, smaller, and less costly, and
> comes either assembled or in a kit. The newer K3 has the best
> performance figures of any rig I've seen reviewed in QST, and draws
> rave reviews generally. It's small enough for "portable" use, and
> operates on 12 VDC, which means you can run it from a vehicle battery.
> Either the K2 or K3 can be "brought into" VHF-land with separate
> transverters that Elecraft sells that will provide all-mode coverage
> in every ham band through 440.
>
> I am very happy with my 897D, but if a thousand dollar bill fell from
> the sky with a note attached to it saying "spend on ham gear," I'd buy
> an Elecraft K3 in a heartbeat.
>
> In terms of aftermarket products, there's pretty widespread agreement
> on this group that the Yaesu autotuner is not as good as the LDG AT-897.
>
>
> Lew K6LMP
>
>
>
> >
>

27519. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 08:41:57 UTC
From: Larry D. Barr, K5WLF
Topic: 27516 Message: 27519

For an "all in one box" radio, you can't beat the FT-897D. I have two of them. Lew is right about the Yaesu FC-30 tuner. It's garbage. The LDG AT-897 ain't as pretty but it has a 10:1 tuning range as opposed to the 3:1 range of the FC-30. I know; a friend of mine has an FC-30 on his FT-897D. Don't go there.

I'm not really a DX chaser, but I've talked to New Zealand and a whole flock of other places on my 897D with a Hustler 5-BTV vertical on my metal roof (with no radials) from my house in North Central Texas.

It's a great radio. Could you do better with a K3, or an FT DX 9000D, or an Icom 7800? Probably. But not for the same money.

Give it a shot. You'll love it. I love both of mine.

73,
ldb
K5WLF

zephyrhawaii wrote:
> Thanks, Lew. Yes, I want to have everything in one box for now
> because I plan to get on VHF and UHF as well. Thanks for the tips
> though. I'll remember the part about the tuner :)
>
> Zephyr
>
> --- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>> If having VHF/UHF capability in a single rig along with HF, the 897
>> is an excellent choice.
>>
>> If HF is your primary focus, and you don't care about 2 meters/440
>> (or are planning to add your "mobile" capability with a 2M/440 pure
>> mobile rig later on), then I would also take a serious look at the
>> Elecraft K2 and K3. The former model is older, smaller, and less
>> costly, and comes either assembled or in a kit. The newer K3 has
>> the best performance figures of any rig I've seen reviewed in QST,
>> and draws rave reviews generally. It's small enough for "portable"
>> use, and operates on 12 VDC, which means you can run it from a
>> vehicle battery. Either the K2 or K3 can be "brought into" VHF-land
>> with separate transverters that Elecraft sells that will provide
>> all-mode coverage in every ham band through 440.
>>
>> I am very happy with my 897D, but if a thousand dollar bill fell
>> from the sky with a note attached to it saying "spend on ham gear,"
>> I'd buy an Elecraft K3 in a heartbeat.
>>

>> In terms of aftermarket products, there's pretty widespread
>> agreement on this group that the Yaesu autotuner is not as good as
>> the LDG AT-897.
>>
>>
>> Lew K6LMP

27520. Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 08:54:14 UTC
From: nr3r15
Topic: 27516 Message: 27520

--- In FT897@yahoogroups.com, "zephyrhawaii" <ZephyrNewYork@...> wrote:
>
> Hello everyone,
>
> Am I glad to see that this group exists :) I just redeemed my expired ticket and upgraded. I plan to purchase my first HF transceiver in the not too distant future.

I dont know anything about the compition, Iam a Yaesu user only. I do have 3 897's Love that radio. If you want an all in one radio I dont know if you can do much better. To go portable without a seperate power supply and tuner and have the wires hanging all down and all over, I went with the internal power supply (batteries also), and the LDG bolt on the side tuner. (watch out for the FC30 yaesu tuner, do your research on that. I had one and it is not a very wide tuner). Now how much more compact can you get to "pick it up and go" not to mention it also does vhf/uhf.....sorry I guess that is not exactally what you askd.

Larry / nr3r

27521. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-26 09:08:14 UTC
From: zephyrnewyork
Topic: 27516 Message: 27521

Thanks for the great advice, everyone :)

73,
Zephyr

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Wed, Aug 26, 2009 at 04:54, nr3r15<nr3r15@...> wrote:
>
>
> --- In FT897@yahoogroups.com, "zephyrhawaii" <ZephyrNewYork@...> wrote:
>>
>> Hello everyone,
>>
>> Am I glad to see that this group exists :) I just redeemed my expired
>> ticket and upgraded. I plan to purchase my first HF transceiver in the not
>> too distant future.
> --
>
> I dont know anything about the compition, Iam a Yaesu user only. I do have 3
> 897's Love that radio. If you want an all in one radio I dont know if you
> can do much better. To go portable without a seperate power supply and tuner
> and have the wires hanging all down and all over, I went with the internal
> power supply (batteries also), and the LDG bolt on the side tuner. (watch
> out for the FC30 yaesu tuner, do your research on that. I had one and it is
> not a very wide tuner). Now how much more compact can you get to "pick it up
> and go" not to mention it also does vhf/uhf.......sorry I guess that is not
> exactally what you askd.
>
> Larry / nr3r
>
>

27522. Re: Ameritron Amplifier and FT_897D

Yahoo group: FT897 (2009)
Date: 2009-08-26 12:59:06 UTC
From: Noel Zeibari
Topic: 27522 Message: 27522

Hi all,

I want to thank Erwin DK5EW for uploading the modification on how to activate the (PA) Amplifier.
I did the modification per his instructions and my Amplifier is working perfectly.
The ring on the 1/8" plug is ACC. and the other end RCA plug is attached to the Relay of amplifier. According to Erwin, there is no need to hook anything on the ALC Jack of the amplifier.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27523. Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-26 17:37:59 UTC
From: John E
Topic: 27499 Message: 27523

With the internal battery's on the FT-897 can one use the battery charging port to power up the LDG AT-100Pro ?

Or is there a better way to power the LDG-AT-100Pro ?

Thanks de John K0CQW

27524. Re: [FT897] Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-26 17:46:20 UTC
From: Thomas Wilson
Topic: 27499 Message: 27524

The manual for my Z-11 suggests installing a 6 AA holder inside the tuner. If I was going to run portable, I'd do that, rather than draw power from the radio.

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Wed, Aug 26, 2009 at 11:37 AM, John E<k0cqwjohn@...> wrote:
>
>
> With the internal battery's on the FT-897 can one use the battery
> charging port to power up the LDG AT-100Pro ?
>
> Or is there a better way to power the LDG-AT-100Pro ?
>
> Thanks de John K0CQW
>
>

27525. Re: Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-26 18:59:28 UTC
From: ldgelectronics
Topic: 27499 Message: 27525

Tom,

The early AT-100Pros showed in the manual that it would run off from 6 AA batteries, but we've since changed it to 8 AA batteries to give it a little better voltage margin.

Dwayne Kincaid
WD8OYG/LDG

> The manual for my Z-11 suggests installing a 6 AA holder inside the
> tuner. If I was going to run portable, I'd do that, rather than draw
> power from the radio.
>
> ---
> Tom Wilson
> wilsontp@...
> (619)212-6311
> KI6ABZ
>
>
>
> On Wed, Aug 26, 2009 at 11:37 AM, John E<k0cqwjohn@...> wrote:
> >
> >
> > With the internal battery's on the FT-897 can one use the battery
> > charging port to power up the LDG AT-100Pro ?
> >
> > Or is there a better way to power the LDG-AT-100Pro ?
> >
> > Thanks de John K0CQW
> >
> >
>

27526. Re: [FT897] Re: Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-26 20:53:20 UTC
From: John E
Topic: 27499 Message: 27526

As per LDG manual the AT-100 Pro consumes a minute amount of power and
once it it completed its tuning cycle the power can be disconnected.

Is there a pin out for the FT-897 battery ? The one that looks like a
microphone connector?

Thanks de John K0CQW

On Wed, Aug 26, 2009 at 1:59 PM,
ldgelectronics<ldgyahoo@...> wrote:
>
>
> Tom,
>
> The early AT-100Pros showed in the manual that it would run off from 6 AA
> batteries, but we've since changed it to 8 AA batteries to give it a little
> better voltage margin.
>
> Dwayne Kincaid
> WD8OYG/LDG
>
>> The manual for my Z-11 suggests installing a 6 AA holder inside the
>> tuner. If I was going to run portable, I'd do that, rather than draw
>> power from the radio.
>>
>> ---
>> Tom Wilson
>> wilsontp@...
>> (619)212-6311
>> KI6ABZ
>>
>>
>>
>> On Wed, Aug 26, 2009 at 11:37 AM, John E<k0cqwjohn@...> wrote:
>> >
>> >
>> > With the internal battery's on the FT-897 can one use the battery
>> > charging port to power up the LDG AT-100Pro ?
>> >
>> > Or is there a better way to power the LDG-AT-100Pro ?
>> >
>> > Thanks de John K0CQW
>> >
>> >
>>
>

>

27527. FT897 memory map

Yahoo group: FT897 (2009)
Date: 2009-08-26 20:12:09 UTC
From: Trixter aka Bret McDanel
Topic: 27527 Message: 27527

I am working on a series of tools, mostly it is just a distraction from doing any real work. I have written a tool (perl script) that will dump the eeprom from the radio, and am now in the process of trying to document what is where in the eeprom dump. I have placed this on my webpage at http://www.0xdecafbad.com (the latest two entries at the time of this email).

I want to have a complete memory map, and was wondering if anyone had done this and would be willing to share that information. Even if it is not complete since I only started doing this yesterday anything is likely to be more than I already have.

Thanks,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27528. CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-26 18:38:23 UTC
From: iz0inx
Topic: 27528 Message: 27528

Hi everybody, I've just added a file that describes how to replicate the CAT functionality on the Mic plug.
I't very useful as it allow the CAT connection even if the CAT/Linear socket on the rear panel is alredy used for other devices (i.e. the FC-30 or FC-40 Tuner)

The file is named CAT-Mic.doc and is located in the Files section, here:
Files > CAT & Sound Card Interfaces > Just CAT converter

If someone think that that's not the right place just let me know, I will move it to the proper one.

I'll appreciate any comment
73, Filippo IZØINX

27529. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-27 02:30:49 UTC
From: zephyrnewyork
Topic: 27516 Message: 27529

I just watched a used 897D go for $635 on eBay.

73,
Z

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

27530. RE: [FT897] FT897 memory map

Yahoo group: FT897 (2009)
Date: 2009-08-27 05:09:54 UTC
From: Dave AA6YQ
Topic: 27527 Message: 27530

See

<http://www.ka7oei.com/ft817_memmap.html>

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Trixter aka Bret McDanel
Sent: Wednesday, August 26, 2009 2:12 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT897 memory map

I am working on a series of tools, mostly it is just a distraction from doing any real work. I have written a tool (perl script) that will dump the eeprom from the radio, and am now in the process of trying to document what is where in the eeprom dump. I have placed this on my webpage at http://www.0xdecafbad.com (the latest two entries at the time of this email).

I want to have a complete memory map, and was wondering if anyone had done this and would be willing to share that information. Even if it is not complete since I only started doing this yesterday anything is likely to be more than I already have.

Thanks,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
&search=0x8AE5C721

[Non-text portions of this message have been removed]

27531. RE: [FT897] FT897 memory map

Yahoo group: FT897 (2009)
Date: 2009-08-27 05:23:14 UTC
From: Trixter aka Bret McDanel
Topic: 27527 Message: 27531

On Wed, 2009-08-26 at 23:09 -0600, Dave AA6YQ wrote:
>
> See
>
> <http://www.ka7oei.com/ft817_memmap.html>

Thanks, I have seen that but since its for the 817, and not the 895 some things are different which means that its not valid to just translate addresses from one to the other.

For example (comparing that page and mine):
2E 40 VHF-HI
2F 41 VHF-L3
30 42 VHF-L2
31 43 VHF-L1

(mine)
00:2e VHF-PO-MAX
00:2f VHF-PO-MID
00:30 VHF-PO-MIn

There are 4 settings for VHF power in the 817, only 3 in the 897. This then skews the memory map from that point on (it appears to be the same up to that point though).

The same is true of UHF and possibly other things.

for reference my memory map, which is far from complete is at http://www.0xdecafbad.com/?p=154

Basically I have a perl script (should work in windows as well as osx, linux, etc) that dumps the eeprom and I diff after making 1 change, so its a long boring process, and I was hoping to avoid duplicating any work that has been done, but its looking like I might have to.

Thanks again,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27532. RE: [FT897] FT897 memory map

Yahoo group: FT897 (2009)
Date: 2009-08-27 05:32:06 UTC
From: Dave AA6YQ
Topic: 27527 Message: 27532

The FT-817 map reverse engineered by Clint KA7OEI is the only one of which I know.

73,

Dave, AA6YQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Trixter aka Bret McDanel
Sent: Wednesday, August 26, 2009 11:23 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] FT897 memory map

On Wed, 2009-08-26 at 23:09 -0600, Dave AA6YQ wrote:
>
> See
>
> <http://www.ka7oei.com/ft817_memmap.html>

Thanks, I have seen that but since its for the 817, and not the 895 some things are different which means that its not valid to just translate addresses from one to the other.

For example (comparing that page and mine):
2E 40 VHF-HI
2F 41 VHF-L3
30 42 VHF-L2
31 43 VHF-L1

(mine)
00:2e VHF-PO-MAX
00:2f VHF-PO-MID
00:30 VHF-PO-MIn

There are 4 settings for VHF power in the 817, only 3 in the 897. This then skews the memory map from that point on (it appears to be the same up to that point though).

The same is true of UHF and possibly other things.

for reference my memory map, which is far from complete is at http://www.0xdecafbad.com/?p=154

Basically I have a perl script (should work in windows as well as osx, linux, etc) that dumps the eeprom and I diff after making 1 change, so its a long boring process, and I was hoping to avoid duplicating any work that has been done, but its looking like I might have to.

Thanks again,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
&search=0x8AE5C721

[Non-text portions of this message have been removed]

27533. RE: [FT897] FT897 memory map

Yahoo group: FT897 (2009)
Date: 2009-08-27 06:17:22 UTC
From: Trixter aka Bret McDanel
Topic: 27527 Message: 27533

On Wed, 2009-08-26 at 23:32 -0600, Dave AA6YQ wrote:
>
> The FT-817 map reverse engineered by Clint KA7OEI is the only one of
> which
> I know.

Ok, well then there will be one for the 897 as soon as I finish it. :)

I am publishing it as I work, and would gladly accept any contributions
that anyone feels like contributing (it would mean that it gets done
much faster). The memory map and the perl script I am using to do the
CAT dump of the 897 are both on my blog, free to all.
>
kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27534. Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 11:50:36 UTC
From: vk6ro
Topic: 27528 Message: 27534

hello from Perth

many thanks to you for this excellent idea, i really like it and when i get time, maybe i try it.

I hope to have some mini din sockets soon.

thank you for the time spent developing this interesting mod

Graham VK6RO

> Hi everybody, I've just added a file that describes how to replicate the CAT functionality on the Mic plug.

27535. FT897 memory map - progress

Yahoo group: FT897 (2009)
Date: 2009-08-27 12:39:06 UTC
From: Trixter aka Bret McDanel
Topic: 27535 Message: 27535

I have about half the work done, thanks to the help of some other list members who contributed the info they had. I encourage anyone who wants such a list to help participate in creating it.

Tomorrow I plan on writing a tool that will let you back up your factory alignment data (the "hidden" menu), which you will be able to print out and keep it with your manual or whatever. These settings are unique for each radio, so it is a good thing to have them written down at least (no matter what you are doing with the radio). I will be publishing the source code for the program free of charge on my site, as a service to the community.

By writing this tool I wont have as much time to map out the memory, why I am asking for help :)

kc2dwq

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27536. Re: [FT897] Re: Powering LDG AT-100Pro / FT-897

Yahoo group: FT897 (2009)
Date: 2009-08-27 12:42:41 UTC
From: Trixter aka Bret McDanel
Topic: 27499 Message: 27536

On Wed, 2009-08-26 at 15:53 -0500, John E wrote:
>
> As per LDG manual the AT-100 Pro consumes a minute amount of power and
> once it it completed its tuning cycle the power can be disconnected.
>
> Is there a pin out for the FT-897 battery ? The one that looks like a
> microphone connector?
>

I appear to have stumbled into the middle of this (I subscribed only yesterday) so I dont know if this is what you are looking for exactly or if its been offered before and you wanted something else.

Pin 1 Black Battery Negative also Black wire to radio 3 pin plug.
Pin 2 Yellow Connected to pin 4 (Charger reads pins 2 & 4)
Pin 3 Red Battery Positive also Red wire to radio 3 pin plug.
Pin 4 Yellow Connected to pin 2 (Lets charger know it is connected)
Pin 5 Blue Straight through to Blue wire Charge LED on radio 3 pin plug.
Pin 6 White To thermister 10k Ohms 20 degrees Celsius (Overheat Sensor)

Note: Pin 5 is 5 volts to LED in radio (Maybe even less)

kc2dwq

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27537. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 13:02:49 UTC
From: Florentin Nastase
Topic: 27528 Message: 27537

THE GREATEST !!
Search for QST april 2007, and you will see Nenad Rotter, 9A5AN article (product) page 64.
The name is " A Microphone Port for Those Sound Card Modes".
This is for mike CAT port and also for mike.
The article is a complet one, with schematics, explanations and PCB.

For me is THE BEST !

Florentin, YO9BXC.
--- On Thu, 8/27/09, vk6ro <vk6ro@...> wrote:

From: vk6ro <vk6ro@...>
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857
To: FT897@yahoogroups.com
Date: Thursday, August 27, 2009, 4:50 AM

hello from Perth

many thanks to you for this excellent idea, i really like it and when i get time, maybe i try it.

I hope to have some mini din sockets soon.

thank you for the time spent developing this interesting mod

Graham VK6RO

> Hi everybody, I've just added a file that describes how to replicate the CAT functionality on the Mic plug.

[Non-text portions of this message have been removed]

27538. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-27 02:32:25 UTC
From: John Geiger
Topic: 27516 Message: 27538

And ebay is often overpriced! However, you can pick up some real bargains there also. Most of the overpriced stuff is new radios with a buy it now on it for 150% of what you could get one for at any amateur dealer.

73s John AA5JG

--- On Wed, 8/26/09, zephyrnewyork <ZephyrNewYork@...> wrote:

From: zephyrnewyork <ZephyrNewYork@...>
Subject: Re: [FT897] Re: greeetings
To: FT897@yahoogroups.com
Date: Wednesday, August 26, 2009, 9:30 PM

I just watched a used 897D go for $635 on eBay.

73,
Z

Click or copy the link below to help a Paramedic & other volunteers provide free medical care to poor children & adults in a very remote location who otherwise would not have access to medical care. Any type of help will be appreciated. If you're unable to donate, please spread the word :)

https://www. causes.com/ fb/donations/ new?cause_ id=325556& fundraiser_ id=1172063& m=a0036bf0

[Non-text portions of this message have been removed]

27539. Aloha!

Yahoo group: FT897 (2009)
Date: 2009-08-27 02:52:26 UTC
From: smc61
Topic: 27539 Message: 27539

Newbie here. Great info!

27540. Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-27 05:15:28 UTC
From: pcsar4x4652
Topic: 27516 Message: 27540

If you're patient you can find a great deal like the one I got...
* FT-897D transceiver unit
* One LDG AT-897 Autotuner
* One FP-30 Power Supply
* Two FNB-78 NI-MH batteries
* One CD-24 Battery Charger
* One PA-26B AC adapter
* One YF-122C Collins CW Filter
* One YF-122S Collins SSB Filter
* One MH-31 Microphone
* All included paperwork
* Various Cables (power, 3.5mm Jack)

All brand new, sealed in the boxes... I paid $1100.00.
online price was $1959.56 @ hamcity.com, I have the invoice.
Just remember, if you don't buy it from a Yaesu Dealer, There is no warranty. But you can get a 4 year warranty from Squaretrade.com for about $100.

--- In FT897@yahoogroups.com, zephyrnewyork <ZephyrNewYork@...> wrote:
>
> I just watched a used 897D go for $635 on eBay.
>
>
> 73,
> Z
>
>
> Click or copy the link below to help a Paramedic & other volunteers
> provide free medical care to poor children & adults in a very remote
> location who otherwise would not have access to medical care. Any type
> of help will be appreciated. If you're unable to donate, please
> spread the word :)
>
> https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0
>

27541. WTB: 897D

Yahoo group: FT897 (2009)
Date: 2009-08-27 13:52:04 UTC
From: Aaron Davis
Topic: 27541 Message: 27541

Does anyone have one of the rigs in good condition to sell or know of anyone that does?

Thanks,

Aaron Davis
W7ADX
Maple Valley, Washington

[Non-text portions of this message have been removed]

27542. Re: [FT897] WTB: 897D

Yahoo group: FT897 (2009)
Date: 2009-08-27 14:49:47 UTC
From: Trixter aka Bret McDanel
Topic: 27541 Message: 27542

On Thu, 2009-08-27 at 06:52 -0700, Aaron Davis wrote:
>
> Does anyone have one of the rigs in good condition to sell or know of
> anyone that does?

I saw a used one on ebay, cannot vouch for quality just happened to see
one.

With the economy the way it is, you may find a few more in the near
future listed as well :P

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27543. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-27 14:52:51 UTC
From: Trixter aka Bret McDanel
Topic: 27516 Message: 27543

On Wed, 2009-08-26 at 19:32 -0700, John Geiger wrote:
>
> And ebay is often overpriced! However, you can pick up some real
> bargains there also. Most of the overpriced stuff is new radios with
> a buy it now on it for 150% of what you could get one for at any
> amateur dealer.
>

it is my belief, and I have no proof of this, did absolutely 0 investigation into it, have no studies or facts to cite, but I do have a blog so that makes me qualified to write on anything (that is the rule right??)...

People sell used ham radio gear based on depreciation of the price they paid, so early adopters want what becomes the retail price for new (or more) a year or two after a rig comes out. So they want say 75% of what they paid, regardless of what a new one goes for now.

I have noticed that used gear often is about equal to new, sometimes more than new, and that is the only thing I can think of that justifies that price.

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27544. Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 15:20:51 UTC
From: iz0inx
Topic: 27528 Message: 27544

Florentin, thanks so much for the information, but tt looks like this article is not available for download from the ARRL QST archive.
Should you have a copy it would be great if you make it available for us

Thanks
Fil IZØINX

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> Search for QST april 2007, and you will see Nenad Rotter, 9A5AN article (product) page 64.
>

27545. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 15:24:06 UTC
From: Trixter aka Bret McDanel
Topic: 27528 Message: 27545

On Thu, 2009-08-27 at 15:20 +0000, iz0inx wrote:
>
> Florentin, thanks so much for the information, but tt looks like this
> article is not available for download from the ARRL QST archive.
> Should you have a copy it would be great if you make it available for
> us

seconded - motion carries :)

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27546. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 18:14:34 UTC
From: P Grant
Topic: 27528 Message: 27546

Search : qst April 2007. Nenad Rotter

It was top of the list on my Yahoo search

Cheers Peter EI4HX
----- Original Message -----
From: iz0inx
To: FT897@yahoogroups.com
Sent: Thursday, August 27, 2009 3:20 PM
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Florentin, thanks so much for the information, but tt looks like this article is not available for download from the ARRL QST archive.
Should you have a copy it would be great if you make it available for us

Thanks
Fil IZ?INX

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> Search for QST april 2007, and you will see Nenad Rotter, 9A5AN article (product) page 64.
>

[Non-text portions of this message have been removed]

27547. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 18:19:25 UTC
From: P Grant
Topic: 27528 Message: 27547

Sorry Lads and ladetts,,,

It is on page 64, and needs Membership to open !!!
Can someone post it ??? in 897 files ???

Peter EI4HX
----- Original Message -----
From: P Grant
To: FT897@yahoogroups.com
Sent: Thursday, August 27, 2009 6:14 PM
Subject: Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Search : qst April 2007. Nenad Rotter

It was top of the list on my Yahoo search

Cheers Peter EI4HX
----- Original Message -----
From: iz0inx
To: FT897@yahoogroups.com
Sent: Thursday, August 27, 2009 3:20 PM
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Florentin, thanks so much for the information, but tt looks like this article is not available for download from the ARRL QST archive.
Should you have a copy it would be great if you make it available for us

Thanks
Fil IZ?INX

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> Search for QST april 2007, and you will see Nenad Rotter, 9A5AN article (product) page 64.
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

27548. Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 18:23:23 UTC
From: iz0inx
Topic: 27528 Message: 27548

I'm member but:
==========
PDF files are available to members only for QST and only for the years 1915-2004
==========
so, as the article was published on 2007....

here are only the PCB and layout tiff:
http://www.arrl.org/files/qst-binaries/Rotter0407.zip

Fil, IZØINX

--- In FT897@yahoogroups.com, "P Grant" <ei4hxperimental@...> wrote:
>
>
> It is on page 64, and needs Membership to open !!!
>

27549. Fw: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 19:23:30 UTC
From: Fred Neff
Topic: 27549 Message: 27549

Here you go it is attached to this Note.

--- On Thu, 8/27/09, iz0inx <iz0inx@...> wrote:

From: iz0inx <iz0inx@...>
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857
To: FT897@yahoogroups.com
Date: Thursday, August 27, 2009, 1:23 PM

I'm member but:

========== ========= ========= ========= ========= ========= ========= ====

PDF files are available to members only for QST and only for the years 1915-2004

========== ========= ========= ========= ========= ========= ========= ====

so, as the article was published on 2007....

here are only the PCB and layout tiff: http://www.arrl. org/files/ qst-binaries/
Rotter0407. zip

Fil, IZØINX

--- In FT897@yahoogroups. com, "P Grant" <ei4hxperimental@ ...> wrote:

>

>

> It is on page 64, and needs Membership to open !!!

>

[Non-text portions of this message have been removed]

27550. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 19:38:04 UTC
From: Fred Neff
Topic: 27528 Message: 27550

Hi..
I have forwarded a copy of file directly...
I hope will help you.
Fred

--- On Thu, 8/27/09, iz0inx <iz0inx@...> wrote:

From: iz0inx <iz0inx@...>
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857
To: FT897@yahoogroups.com
Date: Thursday, August 27, 2009, 1:23 PM

I'm member but:

========== ========= ========= ========= ========= ========= ========= ====

PDF files are available to members only for QST and only for the years 1915-2004

========== ========= ========= ========= ========= ========= ========= ====

so, as the article was published on 2007....

here are only the PCB and layout tiff: http://www.arrl. org/files/ qst-binaries/
Rotter0407. zip

Fil, IZØINX

--- In FT897@yahoogroups. com, "P Grant" <ei4hxperimental@ ...> wrote:

>

>

> It is on page 64, and needs Membership to open !!!

>

[Non-text portions of this message have been removed]

27551. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 19:40:01 UTC
From: Florentin Nastase
Topic: 27528 Message: 27551

SORRY SORRY,
I got you the source, I have the QST, but I can't sheare it on this forum, the article is copyright.....property of QST.
Buy the journal ... from a friend.
It is a begining.... you gave the source.
Belive me, for FT897 (FT857 like mine) IT'S THE BEST.
SORRY agn, but that it !
73's
Florentin YO9BXC.
--- On Thu, 8/27/09, iz0inx <iz0inx@...> wrote:

From: iz0inx <iz0inx@...>
Subject: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857
To: FT897@yahoogroups.com
Date: Thursday, August 27, 2009, 8:20 AM

Florentin, thanks so much for the information, but tt looks like this article is not available for download from the ARRL QST archive.
Should you have a copy it would be great if you make it available for us

Thanks
Fil IZØINX

--- In FT897@yahoogroups. com, Florentin Nastase <yo9bxc@...> wrote:
>
> Search for QST april 2007, and you will see Nenad Rotter, 9A5AN article (product) page 64.
>

[Non-text portions of this message have been removed]

27552. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-27 19:42:50 UTC
From: zephyrnewyork
Topic: 27516 Message: 27552

Where'd you get such a deal?

73,
Z

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Thu, Aug 27, 2009 at 01:15, pcsar4x4652<pcsar4x4652@...> wrote:
>
>
> If you're patient you can find a great deal like the one I got...
> * FT-897D transceiver unit
> * One LDG AT-897 Autotuner
> * One FP-30 Power Supply
> * Two FNB-78 NI-MH batteries
> * One CD-24 Battery Charger
> * One PA-26B AC adapter
> * One YF-122C Collins CW Filter
> * One YF-122S Collins SSB Filter
> * One MH-31 Microphone
> * All included paperwork
> * Various Cables (power, 3.5mm Jack)
>
> All brand new, sealed in the boxes... I paid $1100.00.
> online price was $1959.56 @ hamcity.com, I have the invoice.
> Just remember, if you don't buy it from a Yaesu Dealer, There is no
> warranty. But you can get a 4 year warranty from Squaretrade.com for about
> $100.
>
> --- In FT897@yahoogroups.com, zephyrnewyork <ZephyrNewYork@...> wrote:
>>
>> I just watched a used 897D go for $635 on eBay.
>>
>>
>> 73,
>> Z
>>
>>
>> Click or copy the link below to help a Paramedic & other volunteers
>> provide free medical care to poor children & adults in a very remote

>> location who otherwise would not have access to medical care. Any type
>> of help will be appreciated. If you're unable to donate, please
>> spread the word :)
>>
>>
>>
https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0
>>
>
>

27553. Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 20:51:45 UTC
From: iz0inx
Topic: 27528 Message: 27553

You're correct Florentin, we can't share the article here.
But maybe some very kind OM could scan it and send it directly to my mailbox ... :-)

By the way, Fred, thanks again for sending me the tiff of the PCB, it is actually the only thing that is available from the ARRL site and, as member, I already got it. The problem is the article, the text.

cheers,
Fil - IZØINX

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> SORRY SORRY,
> I got you the source, I have the QST, but I can't sheare it on this forum, the article is copyright.....property of QST.

27554. Re: [FT897] Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 21:34:31 UTC
From: Thomas Wilson
Topic: 27528 Message: 27554

Wouldn't it be simpler to just attach a short piece of UTP wire to an
RJ-45 and wire the TX and RX lines to a Mini-DIN-8 jack? I'm assuming
that the QST article has a level converter in it, which we don't need
if we already have a CAT cable.

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Thu, Aug 27, 2009 at 2:51 PM, iz0inx<iz0inx@...> wrote:
>
>
> You're correct Florentin, we can't share the article here.
> But maybe some very kind OM could scan it and send it directly to my mailbox
> ... :-)
>
> By the way, Fred, thanks again for sending me the tiff of the PCB, it is
> actually the only thing that is available from the ARRL site and, as member,
> I already got it. The problem is the article, the text.
>
> cheers,
> Fil - IZØINX
>
> --- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>>
>> SORRY SORRY,
>> I got you the source, I have the QST, but I can't sheare it on this forum,
>> the article is copyright.....property of QST.
>
>

27555. Re: INRAD vs W4RT vs Yaesu

Yahoo group: FT897 (2009)
Date: 2009-08-27 21:48:23 UTC
From: motarolla_doctor
Topic: 27498 Message: 27555

Thank you, I am looking for an INRAD 2.3 filter. (for the 897D)
>
> 2.3K is a good compromise. 1.8 is ok for contesting.
> Mike VA3MW>

>
> From: motarolla_doctor

> Which bandwith filter is the preferred one for general SSB usage, and while
> keeping the stock FT897D SSB filter in the radio too..
>
> I am thinking the Inrad filters.

27556. Re: CAT System on the MIC socket for Yaesu FT-897/857

Yahoo group: FT897 (2009)
Date: 2009-08-27 22:14:35 UTC
From: iz0inx
Topic: 27528 Message: 27556

Yes Tom, I believe yours is another way to do that... even if it is not clear to me where to connect the Mike at this point.

You are correct about the article, a MAX232 is used as level converter. I actually don't need it as I already have a CAT/audio/Ptt/CW interface which does that.
Anyway, the 9A5AN's solution is very nice because the small board also includes a headset interface.

Fil -- IZØINX

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> Wouldn't it be simpler to just attach a short piece of UTP wire to an
> RJ-45 and wire the TX and RX lines to a Mini-DIN-8 jack? I'm assuming
> that the QST article has a level converter in it, which we don't need
> if we already have a CAT cable.
>

27557. Re: [FT897] Re: greeetings

Yahoo group: FT897 (2009)
Date: 2009-08-28 00:08:38 UTC
From: Danny Loyd
Topic: 27516 Message: 27557

I got a similar deal (only without the filters) with shipping and handling for $1028.00 from a fellow Amateur Radio operator via eBay and I am loving it. I run it ot a G5RV and the AT-897 tunes it beautifully. Later I may upgrade antenna, but for now I am running PSK-31 at 25 watts to South America so can't complain too much about the G5RV. The deals are there on eBay if you don't mind used equipment.

Danny
KE5WDI

From: zephyrnewyork <ZephyrNewYork@...>
To: FT897@yahoogroups.com
Sent: Thursday, August 27, 2009 2:42:50 PM
Subject: Re: [FT897] Re: greeetings

Where'd you get such a deal?

73,
Z

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www. causes.com/ fb/donations/ new?cause_ id=325556& fundraiser_ id=1172063&
m=a0036bf0

On Thu, Aug 27, 2009 at 01:15, pcsar4x4652<pcsar4x4652@ aim.com> wrote:
>
>
> If you're patient you can find a great deal like the one I got...
> * FT-897D transceiver unit
> * One LDG AT-897 Autotuner
> * One FP-30 Power Supply
> * Two FNB-78 NI-MH batteries
> * One CD-24 Battery Charger
> * One PA-26B AC adapter
> * One YF-122C Collins CW Filter
> * One YF-122S Collins SSB Filter
> * One MH-31 Microphone
> * All included paperwork
> * Various Cables (power, 3.5mm Jack)
>
> All brand new, sealed in the boxes... I paid $1100.00.
> online price was $1959.56 @ hamcity.com, I have the invoice.

> Just remember, if you don't buy it from a Yaesu Dealer, There is no
> warranty. But you can get a 4 year warranty from Squaretrade. com for about
> $100.
>
> --- In FT897@yahoogroups. com, zephyrnewyork <ZephyrNewYork@ ...> wrote:
>>
>> I just watched a used 897D go for $635 on eBay.
>>
>>
>> 73,
>> Z
>>
>>
>> Click or copy the link below to help a Paramedic & other volunteers
>> provide free medical care to poor children & adults in a very remote
>> location who otherwise would not have access to medical care. Any type
>> of help will be appreciated. If you're unable to donate, please
>> spread the word :)
>>
>>
>> https://www. causes.com/ fb/donations/ new?cause_ id=325556& fundraiser_ id=1172063&
m=a0036bf0
>>
>
>

[Non-text portions of this message have been removed]

27558. screwdriver

Yahoo group: FT897 (2009)
Date: 2009-08-28 01:21:28 UTC
From: kc7qhc1
Topic: 27558 Message: 27558

can I use a screwdriver annteeena mounted in a tree and if so any ideas on this and what about radiales thanks kc7qhc Mark

27559. FT897 cross platform alignment backup tool

Yahoo group: FT897 (2009)
Date: 2009-08-28 02:29:15 UTC
From: Trixter aka Bret McDanel
Topic: 27559 Message: 27559

I wrote a FT897 (presumably 857 too since its the same internals)
alignment configuration backup tool today. It is cross platform and
open source (MPL licensed). It is a perl script so it should be easy
for most people to modify to suit their needs.

It will only display in human readable format the settings with the
intention that you will print them out and save them just in case you
ever need them. A working CAT cable is required to interface with the
radio.

I do not have a windows box to actually test that it works in windows
(if it does not work it will exit with an error about not being able to
access the com port), but I believe that the code is correct to allow
for it to work there.

It uses very basic perl modules, so it should work most everywhere that
perl works.

It may be downloaded at http://www.0xdecafbad.com/?p=184

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27560. Re: WTB: 897D

Yahoo group: FT897 (2009)
Date: 2009-08-28 03:21:52 UTC
From: kc9ipv
Topic: 27541 Message: 27560

There is a used one at the HamStation here in Evansville, IN

go to www.hamstation.com and look at the used equipment section
I thing they want $730 for it.

mike
kc9ipv

--- In FT897@yahoogroups.com, Aaron Davis <p_aarondavis@...> wrote:
>
> Does anyone have one of the rigs in good condition to sell or know of anyone that does?
>
>
> Thanks,
>
> Aaron Davis
> W7ADX
> Maple Valley, Washington
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27561. MMB-80 car mounting bracket

Yahoo group: FT897 (2009)
Date: 2009-08-28 03:31:32 UTC
From: Trixter aka Bret McDanel
Topic: 27561 Message: 27561

I am looking into the MMB-80 or really any suitable car mounting bracket for the 897 (no bolt on tuner). I am particularly interested in opinions about the bracket, with emphasis on the rig being occasionally in the car, but also removed and used in the house, field, etc.

I am most interested in a "quick disconnect" mindset so that I can remove and install it quickly, particularly without tools. It does not have to be the Yaesu one specifically, but it should be well suited for the 897.

Looking at the diagrams it appears that the screws are not suitable for easy toolless removal, but they appear to be easily replaced with "thumb screws" so I can do it quickly and easily. Can anyone who has this mounting bracket confirm this??

How secure does the bracket mount? I was looking where I would do this in my truck and it appears that the best place is the leading edge of the console, so the display would be the "top", however I do not know if this is suitable with that bracket, or could easily be made suitable for that bracket (maybe getting longer bolts and a steel plate/bracket on the inside of the console).

Thanks,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27562. Re: screwdriver

Yahoo group: FT897 (2009)
Date: 2009-08-28 03:32:08 UTC
From: n3zjy
Topic: 27558 Message: 27562

Mark,

First of all, I'd like to invite you over to the Yahoo Screwdriver Group! Secondly, A screwdriver would work anywhere, but you'll need a decent counterpoise that is normally provided by a automobile body and frame. I would think you could put chicken wire down in the grass around the tree and let it eventually disappear into the grass or some thin radials spread out and get them into the ground so they will stay down. Or just unroll a length of wire equal to the lowest frequency you'll operate.

Dave N3ZJY

27563. Re: [FT897] Re: screwdriver

Yahoo group: FT897 (2009)
Date: 2009-08-28 04:17:01 UTC
From: Tom Wilson
Topic: 27558 Message: 27563

Chicken wire is no good for a ground plane. Rusts too fast

-Tom KI6ABZ

Sent from my iPhone

On Aug 27, 2009, at 9:32 PM, "n3zjy" <jdkopke@...> wrote:

> Mark,
>
> First of all, I'd like to invite you over to the Yahoo Screwdriver
> Group! Secondly, A screwdriver would work anywhere, but you'll need
> a decent counterpoise that is normally provided by a automobile body
> and frame. I would think you could put chicken wire down in the
> grass around the tree and let it eventually disappear into the grass
> or some thin radials spread out and get them into the ground so they
> will stay down. Or just unroll a length of wire equal to the lowest
> frequency you'll operate.
>
> Dave N3ZJY
>
>

[Non-text portions of this message have been removed]

27564. FT897D 40m extended band

Yahoo group: FT897 (2009)
Date: 2009-08-28 08:15:07 UTC
From: m0els
Topic: 27564 Message: 27564

Hallo all,
When I purchased my rig 3 years ago, I am pretty sure that they 40m extended band was not activated and I could only tx 7.0 to 7.100
So how did my rig get to be unlocked on the extended bandplan to 7.200
Or was I on a diffeerent planet.

Anyone else whose rig was locked to 7.1 from the same period?

73
John

27565. Re: FT897 cross platform alignment backup tool

Yahoo group: FT897 (2009)
Date: 2009-08-28 12:01:46 UTC
From: rschaffrath
Topic: 27559 Message: 27565

I have downloaded the script and I will try to test it within the next day as soon as I can get Win32::SerialPort installed via CPAN. I have a one piece USB to CAT cable for my FT-897D so I just need to remember what COM port it comes up as.

On the first line of the script, you might change it to:

#!/usr/bin/perl -T

to secure it a little bit.

Robert, N2JTX

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> I wrote a FT897 (presumably 857 too since its the same internals)
> alignment configuration backup tool today. It is cross platform and
> open source (MPL licensed). It is a perl script so it should be easy
> for most people to modify to suit their needs.
>
> It will only display in human readable format the settings with the
> intention that you will print them out and save them just in case you
> ever need them. A working CAT cable is required to interface with the
> radio.
>
>
> I do not have a windows box to actually test that it works in windows
> (if it does not work it will exit with an error about not being able to
> access the com port), but I believe that the code is correct to allow
> for it to work there.
>
> It uses very basic perl modules, so it should work most everywhere that
> perl works.
>
> It may be downloaded at http://www.0xdecafbad.com/?p=184
>
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27566. Re: [FT897] MMB-80 car mounting bracket

Yahoo group: FT897 (2009)
Date: 2009-08-28 12:08:52 UTC
From: DavidN
Topic: 27561 Message: 27566

Hi Bret. I have the MMB80 and it's a solid item. As you say you could replace the screws with thumb screws and then all you'd need to do to remove the radio is undo the four screws a turn or two and the radio will then slide out of the MMB80. Of course disconnect the ae. and power, so a total of about 20-30 seconds.

It has a number of slits on the top or bottom of the MMB80 (that's depending which way you mount it), so it's very versatile to where you put the screws to mount onto or under your dashboard... or facing upwards. I have mine under the dash and was able to easily fine tune the position by having the screws slightly undone, move it for best position (space was very tight)then do the screws up finally. I am now very happy with it's position, nothing rattles on it and the whole think feels very solid.

Also there are three slots on the MMB80 at each side so you can angle the radio to suit. All very adaptable.

Hope this helps.

David G4TUP.

On Fri, Aug 28, 2009 at 4:31 AM, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> I am looking into the MMB-80 or really any suitable car mounting bracket
> for the 897 (no bolt on tuner). I am particularly interested in
> opinions about the bracket, with emphasis on the rig being occasionally
> in the car, but also removed and used in the house, field, etc.
>
> I am most interested in a "quick disconnect" mindset so that I can
> remove and install it quickly, particularly without tools. It does not
> have to be the Yaesu one specifically, but it should be well suited for
> the 897.
>
> Looking at the diagrams it appears that the screws are not suitable for
> easy toolless removal, but they appear to be easily replaced with "thumb
> screws" so I can do it quickly and easily. Can anyone who has this
> mounting bracket confirm this??
>
> How secure does the bracket mount? I was looking where I would do this
> in my truck and it appears that the best place is the leading edge of
> the console, so the display would be the "top", however I do not know if
> this is suitable with that bracket, or could easily be made suitable for
> that bracket (maybe getting longer bolts and a steel plate/bracket on

> the inside of the console).
>
> Thanks,
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

27567. Re: FT897 cross platform alignment backup tool

Yahoo group: FT897 (2009)
Date: 2009-08-28 23:49:50 UTC
From: rschaffrath
Topic: 27559 Message: 27567

The test was successful using Perl 5.10.1 under Windows XP SP3. I had to set the baud rate to 4800 in order to get a data dump. The default of 38400 does not work with my interface cable:

```
01 HF1-RXG : 70 02 HF2-RXG : 63
03 HF3-RXG : 71 04 50M-RXG : 68
05 VHF-RXG : 70 06 UHF-RXG : 61
07 SSB-S9 : 86 08 SSB-FS : 55
09 FM-S1 : 71 10 FM-FS : 101
11 DISC-L : 50 12 DISC-H : 77
13 FM-TH1 : 78 14 FM-TH2 : 86
15 FM-TI1 : 1 16 FM-TI2 : 2
17 VCC : 138 18 HF1-IC : 94
19 HF2-IC : 90 20 HF3-IC : 114
21 50M-IC : 100 22 VHF-IC : 77
23 UHF-IC : 74 24 HF1-PO-MAX : 166
25 HF1-PO-MID2 : 108 26 HF1-PO-MID1 : 30
27 HF1-PO-MIN : 13 28 HF2-PO-MAX : 165
29 HF2-PO-MID2 : 106 30 HF2-PO-MID1 : 30
31 HF2-PO-MIN : 12 32 HF3-PO-MAX : 166
33 HF3-PO-MID2 : 106 34 HF3-PO-MID1 : 30
35 HF3-PO-MIN : 12 36 50M-PO-MAX : 153
37 50M-PO-MID2 : 97 38 50M-PO-MID1 : 48
39 50M-PO-MIN : 9 40 VHF-PO-MAX : 95
41 VHF-PO-MID : 46 42 VHF-PO-MIn : 7
43 UHF-PO-MAX : 122 44 UHF-PO-MIN : 15
45 HF1-TXG : 65 46 HF2-TXG : 43
47 HF3-TXG : 54 48 50M-TXG : 37
49 VHF-TXG : 40 50 UHF-TXG : 45
51 ALC1-M : 246 52 ALC-M : 114
53 HF1-REV-ALC : 51 54 HF2-REV-ALC : 44
55 HF3-REV-ALC : 42 56 50M-REV-ALC : 40
57 VHF-REV-ALC : 80 58 UHF-REV-ALC : 141
59 CW-CAR-LEVEL : 158 60 AM-CAR-LEVEL : 144
61 DEV-W : 230 62 DEV-N : 113
63 MOD-MTR : 204 64 DTMF-DEV : 44
65 CTCSS-DEV : 237 66 DCS-DEV : 168
67 LSB-CAR-POINT : -3 68 USB-CAR-POINT : 2
69 VSWR2 AT 10W : 15 70 VSWR3 AT 10W : 39
71 ATAS-TEST : 0 72 AMTR-TEST : 0
73 HTEMP-THRESHOLD: 38 74 FTEMP-THRESHOLD: 102
```

Robert, N2JTX

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>

> I wrote a FT897 (presumably 857 too since its the same internals)
> alignment configuration backup tool today. It is cross platform and
> open source (MPL licensed). It is a perl script so it should be easy
> for most people to modify to suit their needs.
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> It will only display in human readable format the settings with the
> intention that you will print them out and save them just in case you
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> radio.
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>
> I do not have a windows box to actually test that it works in windows
> (if it does not work it will exit with an error about not being able to
> access the com port), but I believe that the code is correct to allow
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> kc2dwq
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> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27568. Re: WTB: 897D

Yahoo group: FT897 (2009)
Date: 2009-08-28 05:05:01 UTC
From: pcsar4x4652
Topic: 27541 Message: 27568

If you're patient you can find a great deal like the one I got...
* FT-897D transceiver unit
* One LDG AT-897 Autotuner
* One FP-30 Power Supply
* Two FNB-78 NI-MH batteries
* One CD-24 Battery Charger
* One PA-26B AC adapter
* One YF-122C Collins CW Filter
* One YF-122S Collins SSB Filter
* One MH-31 Microphone
* All included paperwork
* Various Cables (power, 3.5mm Jack)

All brand new, sealed in the boxes... I paid $1100.00.
online price was $1959.56 @ hamcity.com, I have the invoice.
Just remember, if you don't buy it from a Yaesu Dealer, There is no warranty and the warranty is worth something. But you can get a 4 year warranty from SquareTrade.com for about $100.

Do your homework and know your "new" prices as well as used. Say no to retail pricing on eBay or anywhere else.

--- In FT897@yahoogroups.com, Aaron Davis <p_aarondavis@...> wrote:
>
> Does anyone have one of the rigs in good condition to sell or know of anyone that does?
>
>
> Thanks,
>
> Aaron Davis
> W7ADX
> Maple Valley, Washington
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27569. FT-897D for sale

Yahoo group: FT897 (2009)
Date: 2009-08-28 20:13:39 UTC
From: piotr_sniezek
Topic: 25792 Message: 27569

Hello,

I have for sale my Yaesu FT-897D in immaculate condition. Only one year old, in perfect working order, never been used outside the shack, never been opened, modified or abused. It has absolutely no marks or scratches. Looks and works like new.

It comes in original box with MH-31 microphone, power leads, and manual. Location of the item: London, UK. Price £439 + p&p (within mainland UK it's £21 next day, insured). Test and collection welcome. Cash on collection or Paypal accepted.

Please visit: www.m6ctu.com/ft897.html or email: m0tcx@... for details.

Piotr M0TCX

27570. Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-28 23:41:04 UTC
From: John Geiger
Topic: 27570 Message: 27570

I just got a used Yaesu FT857D today and it is rather dusty inside-it definitely looks used. Cleaning the case and the front wasn't too tough, but what is the best way to clean out the insides of a radio? I thought about the vacuum cleaner, but don't want anything that might cause static electricity to the components. It does seem to work ok as is.

73s John AA5JG

27571. FS: Yaesu FP-1023 power supply

Yahoo group: FT897 (2009)
Date: 2009-08-29 02:14:04 UTC
From: John Geiger
Topic: 27571 Message: 27571

I have for sale a Yaesu FP1023 switching PS which does 23 amps at 13.8 volts. It is the matching power supply for the FT857 and FT897. It is small, compact, and lightweight, and has 5 way binding posts on the back. Also comes with the power cord to plug into the wall. You can read more about it here:

http://www.universal-radio.com/catalog/hamps/3631.html

It has a few scratches on the case but works just fine and looks ok overall.

It sells new for $170 plus shipping. I am asking $85 shipped, and can take paypal/check/MO.

73s John AA5JG

27572. Re: [FT897] Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-29 14:36:31 UTC
From: Trixter aka Bret McDanel
Topic: 27570 Message: 27572

On Fri, 2009-08-28 at 16:41 -0700, John Geiger wrote:
>
> I just got a used Yaesu FT857D today and it is rather dusty inside-it
> definitely looks used. Cleaning the case and the front wasn't too
> tough, but what is the best way to clean out the insides of a radio? I
> thought about the vacuum cleaner, but don't want anything that might
> cause static electricity to the components. It does seem to work ok as
> is.

I would recommend getting a can of compressed "air" from a computer
supply store. They are designed specifically to clean out dusty
computers and such and only run a couple of dollars/euros/pounds (or
less).
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27573. RE: [FT897] Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-29 14:39:55 UTC
From: D. F.
Topic: 27570 Message: 27573

You can remove the covers and use a can of compressed air, such as one that you would clean your keyboard with, and blow out any dust.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Geiger
Sent: Friday, August 28, 2009 18:41
To: yaesu@...; ft857@yahoogroups.com; ft-857@yahoogroups.com; ft897@yahoogroups.com
Subject: [FT897] Cleaning out a dusty radio

I just got a used Yaesu FT857D today and it is rather dusty inside-it definitely looks used. Cleaning the case and the front wasn't too tough, but what is the best way to clean out the insides of a radio? I thought about the vacuum cleaner, but don't want anything that might cause static electricity to the components. It does seem to work ok as is.

73s John AA5JG

[Non-text portions of this message have been removed]

27574. Re: [FT897] Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-29 15:15:52 UTC
From: af2c@njdxa.org
Topic: 27570 Message: 27574

John -

Despite the fact that many advise the use of compressed air from cans or otherwise, I try NOT to use this method. Compressed air will tend to pack dust into areas where you might not want to have the dust. Some compressed air products may also have or leave an unseen amount of moisture on the area being "cleaned."

The use of a vacuum with a proper wand would be my preference. A static charge from the wand is unlikely.

The use of soft brush to carefully brush the boards and parts to loosen the dust before and during the use of the vacuum should be considered.

If you want to get fancy...Shop-Vac makes a 1.25" (32mm) Micro Cleaning Kit. I've using this for years.

Happy house cleaning es 73,
Jay/AF2C

At 04:41 PM 8/28/2009 -0700, you wrote:
>
>
>I just got a used Yaesu FT857D today and it is rather dusty inside-it
>definitely looks used. Cleaning the case and the front wasn't too tough,
>but what is the best way to clean out the insides of a radio? I thought
>about the vacuum cleaner, but don't want anything that might cause static
>electricity to the components. It does seem to work ok as is.
>
>73s John AA5JG

27575. Re: [FT897] Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-29 15:21:23 UTC
From: DavidN
Topic: 27570 Message: 27575

As it's working OK I say leave well alone. Just one static charge on an IC can blow it.

David G4TUP.

[Non-text portions of this message have been removed]

27576. Basic Issues with my FT 897D,, Can someone talk me thru them..

Yahoo group: FT897 (2009)
Date: 2009-08-29 16:23:02 UTC
From: papadelta12001
Topic: 27576 Message: 27576

Hello Group.

I have owned 3 FT 897D's.. 2 new ones.. and now one very clean used FT 897D.

I purchased a new 897D about a year ago, I was just divorced and living in a studio apartment. No room for my Ten Tec Paragon so I sold it for the 897D.. I was trying to use a indoor 20 meter dipole. NO way to get a outside antenna in a apartment. THE radio was having fits.. HI VSWR displays and fold back of pwr on 20 meters with a well build 20 meter dipole. My friend had the same issue.,. He to was divorced and no room for a radio,., and dipole just outside his apartment. I build him a dipole from 22 ga wire and we tucked it under the balcony of the guy above him.. He to had HI VSWR display..

That went away with a MFJ 969 tuner.. and tuning the 20 mtr dipole for use on 20 mtrs..

I went toe to toe with YAESU on my issues and his.. And they just refunded my money.. After sending me another and I had the same issue.. I didn't have a tuner at that time.. Alot of my stuff was lost in the divorce.. I thought that a radio should work on 20 mtrs with a 20 mtr antenna.. In the 897 manual they show a man on a park table with the vertical antenna on the corner of the table.

I am 5 blocks from the south shore of Long Island. Taking the radio to the beach was something I wanted to do.

I retired ham gave me a vintage Drake rig.. And I had NO room for it.

SO I traded for another FT 897D THE guy that owned the 897 told me it did only 40 watts.. And it does.. into a dummy load inside my MFJ 969 tuner.. I get NO HI VSWR displays.. The power will fold back.. BUT only 40 watts when you have a good match thru the 969 tuner.. OR dummy load..

The pwr is set for HIGH,, and I did a reset.. STILL have the issue

And YES I am using a IN DOOR 2o mtr dipole. I can make contacts with 40 watts,, BUT 100 would be nice.

The other issue is a loose tuning knob.. it comes OUT.. shaft and all..

I wonder if there is anyone on Long Island that would like a cup of coffee to help me with this.. OR maybe someone on the phone.

With my experence with YAESU CALIF.. I am not sure if I want to ship this back. Unless I have to and Have done it all try to fix the issues..

Thank you..

Please respond to my main e-mail..

mkulyk@...

73

Mike WB2GLW

27577. FT-8xx cross platform perl module for CAT programs

Yahoo group: FT897 (2009)
Date: 2009-08-29 17:54:25 UTC
From: Trixter aka Bret McDanel
Topic: 27577 Message: 27577

I wrote a perl module that extends Win32::SerialPort or
Device::SerialPort depending on what platform you run it on. This means
that it should work in Windows, Linux, BSD, OSX, Solaris and probably
elsewhere.

The idea is to be able to let people quickly develop cross platform
tools without having to know anything about serial ports, the CAT
protocol, or any of that. Fortunately, since I dont know much about it,
and got really lucky by closing my eyes and randomly pressing the keys
on the keyboard.

This provides every documented CAT command in the FT-897 manual. I will
be adding undocumented commands in the near future. I will also be
looking at ways to read values out of the EEPROM to give you information
that is not available any other way.

To download the module, or for more information visit
http://www.0xdecafbad.com/?p=188

Responses about this should probably be offlist.

kc2dwq

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27578. Re: [FT897] Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-29 18:52:15 UTC
From: Randy Charles Ford
Topic: 27570 Message: 27578

Since I'm wanting to remove dust, I prefer a vacuum to a stream of gas into the unit. The static problem is due to the velocity of the air, whether it is blowing or sucking. I drilled holes in the side of an extension pipe for my vacuum to reduce the suction from the working end. I cover holes as needed to adjust the suction for different tasks.

If you don't have an extra extension laying around, you may be able to find one at a thrift store: they seem to be made in standard sizes. Besides, isn't homebrewing a solution what being a ham is all about <grin>. Maybe I should add a valve, gauge, and grounding sleeve and submit an article to QST. <I try to be careful when putting my tongue this far into my cheek so that I don't bite it.>

73,
kg4jix - randy.

On Saturday 29 August 2009 10:15:52 af2c@... wrote:
> John -
>
> Despite the fact that many advise the use of compressed air from cans or
> otherwise, I try NOT to use this method. Compressed air will tend to pack
> dust into areas where you might not want to have the dust. Some compressed
> air products may also have or leave an unseen amount of moisture on the
> area being "cleaned."
>
> The use of a vacuum with a proper wand would be my preference. A static
> charge from the wand is unlikely.
>
> The use of soft brush to carefully brush the boards and parts to loosen the
> dust before and during the use of the vacuum should be considered.
>
> If you want to get fancy...Shop-Vac makes a 1.25" (32mm) Micro Cleaning
> Kit. I've using this for years.
>
> Happy house cleaning es 73,
> Jay/AF2C
>
> At 04:41 PM 8/28/2009 -0700, you wrote:
> >I just got a used Yaesu FT857D today and it is rather dusty inside-it
> >definitely looks used. Cleaning the case and the front wasn't too tough,
> >but what is the best way to clean out the insides of a radio? I thought
> >about the vacuum cleaner, but don't want anything that might cause static
> >electricity to the components. It does seem to work ok as is.
> >
> >73s John AA5JG

27579. FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-29 20:28:55 UTC
From: Noel Zeibari
Topic: 27579 Message: 27579

Hi all,

I am new to FT897D, today I set it up to work the digital mode PSK31, using
the SignaLink USB interface and MixW
Here is the lineup:
Band mode= Digital
Band= 14.070.00
Power= 30 watts
Digital Mode= PSK31 USB Menu # 38
Digital Mode= RTTY USB Menu # 38
Digital Shift= Default 0 Hz Menu #39

Whenever I transmit the frequency shifts down to 14.069.60
What am I doing wrong here? Any ideas on how to setup the menus for PSK & RTTY?

On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY AFSK.

Would appreciate your help.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27580. Problem Sending CW

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:16:19 UTC
From: edmetzler
Topic: 27580 Message: 27580

This is the first time trying to send cw using the 897D. I have it set to use the built-in keyer, and I'm in CW mode and in the 20 meter band, but when I send, all I get is side tone; it's not transmitting. I've gone through the section on CW in the manual, and it looks like I have everything set correctly. Any ideas?
KC9HSY

27581. Re: [FT897] FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:18:19 UTC
From: John Bucsek
Topic: 27579 Message: 27581

I've successfully used my 897d with psk31 and haven't seen the same problem you're seeing.
I've just set the mode to DIG and it's worked fine.
I haven't messed with any other menu settings so mine are set to the factory defaults.
I'm using the rigblaster plug and play with the cat plug that plugs into the rigblaster. So my rigblaster has plugs going into both the data and cat ports.
It looks like the menu items you've mentioned are set correctly. I'm thinking there's another setting I'm unfamiliar with that's causing the freq shift on transmit.

John - KE7WNB

Sent from my iPhone

On Aug 29, 2009, at 1:28 PM, "Noel Zeibari" <n3nz@...> wrote:

Hi all,

I am new to FT897D, today I set it up to work the digital mode PSK31, using
the SignaLink USB interface and MixW
Here is the lineup:
Band mode= Digital
Band= 14.070.00
Power= 30 watts
Digital Mode= PSK31 USB Menu # 38
Digital Mode= RTTY USB Menu # 38
Digital Shift= Default 0 Hz Menu #39

Whenever I transmit the frequency shifts down to 14.069.60
What am I doing wrong here? Any ideas on how to setup the menus for PSK & RTTY?

On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY AFSK.

Would appreciate your help.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27582. Re: [FT897] FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:18:36 UTC
From: Bob Jones
Topic: 27579 Message: 27582

Hi Noel;

Use Band Mode - USB

Bob
W4LCS

--- On Sat, 8/29/09, Noel Zeibari <n3nz@...> wrote:

From: Noel Zeibari <n3nz@...>
Subject: [FT897] FT-897D and PSK31
To: FT897@yahoogroups.com
Date: Saturday, August 29, 2009, 3:28 PM

Hi all,

I am new to FT897D, today I set it up to work the digital mode PSK31, using
the SignaLink USB interface and MixW
Here is the lineup:
Band mode= Digital
Band= 14.070.00
Power= 30 watts
Digital Mode= PSK31 USB Menu # 38
Digital Mode= RTTY USB Menu # 38
Digital Shift= Default 0 Hz Menu #39

Whenever I transmit the frequency shifts down to 14.069.60
What am I doing wrong here? Any ideas on how to setup the menus for PSK & RTTY?

On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY AFSK.

Would appreciate your help.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27583. Re: [FT897] Problem Sending CW

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:27:17 UTC
From: Thomas Wilson
Topic: 27580 Message: 27583

I can't remember what page it's on, but there's a soft-key labelled "BK". When it has brackets around it, CW is enabled. When there are no brackets, you'll only get sidetone.

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Sat, Aug 29, 2009 at 5:16 PM, edmetzler<edmetzler@...> wrote:
>
>
> This is the first time trying to send cw using the 897D. I have it set to
> use the built-in keyer, and I'm in CW mode and in the 20 meter band, but
> when I send, all I get is side tone; it's not transmitting. I've gone
> through the section on CW in the manual, and it looks like I have everything
> set correctly. Any ideas?
> KC9HSY
>
>

27584. Re: [FT897] FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:30:27 UTC
From: Thomas Wilson
Topic: 27579 Message: 27584

When using the Signalink, you don't need to set digital mode. The
radio will accept audio from the DATA port whenever the data PTT line
is keyed.
Set the radio to USB
turn OFF cw-auto mode
and make sure split is turned off (it's SPL in the soft-menu at the
bottom of the screen).

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Sat, Aug 29, 2009 at 5:18 PM, Bob Jones<lcsd512@...> wrote:
>
>
> Hi Noel;
>
> Use Band Mode - USB
>
> Bob
> W4LCS
>
> --- On Sat, 8/29/09, Noel Zeibari <n3nz@...> wrote:
>
> From: Noel Zeibari <n3nz@...>
> Subject: [FT897] FT-897D and PSK31
> To: FT897@yahoogroups.com
> Date: Saturday, August 29, 2009, 3:28 PM
>
>
>
>
> Hi all,
>
> I am new to FT897D, today I set it up to work the digital mode PSK31, using
> the SignaLink USB interface and MixW
> Here is the lineup:
> Band mode= Digital
> Band= 14.070.00
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> Digital Mode= PSK31 USB Menu # 38
> Digital Mode= RTTY USB Menu # 38
> Digital Shift= Default 0 Hz Menu #39
>

> Whenever I transmit the frequency shifts down to 14.069.60
> What am I doing wrong here? Any ideas on how to setup the menus for PSK &
> RTTY?
>
> On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY
> AFSK.
>
> Would appreciate your help.
>
> 73, Noel (OM) N3NZ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

27585. Re: Problem Sending CW

Yahoo group: FT897 (2009)
Date: 2009-08-30 00:11:21 UTC
From: iz0inx
Topic: 27580 Message: 27585

That's correct, it's the Menu "j", button B

FIL IZØINX

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> I can't remember what page it's on, but there's a soft-key labelled
> "BK". When it has brackets around it, CW is enabled. When there are no
> brackets, you'll only get sidetone.
>

27586. Re: [FT897] FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-30 01:09:26 UTC
From: Danny Loyd
Topic: 27579 Message: 27586

Check in Menu#39 and make sure the Dig Shift is set to 0hz.

Danny
KE5WDI

From: John Bucsek <pwyll99@...>
To: "FT897@yahoogroups.com" <FT897@yahoogroups.com>
Cc: "<FT897@yahoogroups.com>" <FT897@yahoogroups.com>
Sent: Saturday, August 29, 2009 6:18:19 PM
Subject: Re: [FT897] FT-897D and PSK31

I've successfully used my 897d with psk31 and haven't seen the same problem you're seeing.
I've just set the mode to DIG and it's worked fine.
I haven't messed with any other menu settings so mine are set to the factory defaults.
I'm using the rigblaster plug and play with the cat plug that plugs into the rigblaster. So my rigblaster has plugs going into both the data and cat ports.
It looks like the menu items you've mentioned are set correctly. I'm thinking there's another setting I'm unfamiliar with that's causing the freq shift on transmit.

John - KE7WNB

Sent from my iPhone

On Aug 29, 2009, at 1:28 PM, "Noel Zeibari" <n3nz@...> wrote:

Hi all,

I am new to FT897D, today I set it up to work the digital mode PSK31, using
the SignaLink USB interface and MixW
Here is the lineup:
Band mode= Digital
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Digital Shift= Default 0 Hz Menu #39

Whenever I transmit the frequency shifts down to 14.069.60
What am I doing wrong here? Any ideas on how to setup the menus for PSK & RTTY?

On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY AFSK.

Would appreciate your help.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27587. Re: [FT897] Problem Sending CW

Yahoo group: FT897 (2009)
Date: 2009-08-30 01:26:07 UTC
From: Florentin Nastase
Topic: 27580 Message: 27587

Menu MF-j and activate [BK]
Florentin YO9BXC.

--- On Sat, 8/29/09, Thomas Wilson <wilsontp@...> wrote:

From: Thomas Wilson <wilsontp@...m>
Subject: Re: [FT897] Problem Sending CW
To: FT897@yahoogroups.com
Date: Saturday, August 29, 2009, 4:27 PM

I can't remember what page it's on, but there's a soft-key labelled
"BK". When it has brackets around it, CW is enabled. When there are no
brackets, you'll only get sidetone.

Tom Wilson
wilsontp@gmail. com
(619)212-6311
KI6ABZ

On Sat, Aug 29, 2009 at 5:16 PM, edmetzler<edmetzler@yahoo. com> wrote:
>
>
> This is the first time trying to send cw using the 897D. I have it set to
> use the built-in keyer, and I'm in CW mode and in the 20 meter band, but
> when I send, all I get is side tone; it's not transmitting. I've gone
> through the section on CW in the manual, and it looks like I have everything
> set correctly. Any ideas?
> KC9HSY
>
>

[Non-text portions of this message have been removed]

27588. Re: Cleaning out a dusty radio

Yahoo group: FT897 (2009)
Date: 2009-08-30 01:31:32 UTC
From: kc9ipv
Topic: 27570 Message: 27588

I use contact cleaner from this company.
I owned a cash register company and we used product you can see by following the link. It's really a great product and I still use is to clean my radios, computers and anything else electronic.

http://www.blowoff.com/blowoff/contact_cleaner.html

mike
kc9ipv

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> I just got a used Yaesu FT857D today and it is rather dusty inside-it definitely looks used. Cleaning the case and the front wasn't too tough, but what is the best way to clean out the insides of a radio? I thought about the vacuum cleaner, but don't want anything that might cause static electricity to the components. It does seem to work ok as is.
>
> 73s John AA5JG
>

27589. Re: FT-897 and PSK31 (Final)

Yahoo group: FT897 (2009)
Date: 2009-08-30 12:04:53 UTC
From: Noel Zeibari
Topic: 27589 Message: 27589

Thanks to all who responded to solve my problem. Almost all of you mentioned to use USB mode.
In USB mode, when pushing Fx key it was transmitting
with a high pitched squeal and the freq. would shift down to
14.069.60.
The manual mentioned to use digital mode, that also shifted the Freq. down.
Here is the solution:
Tom KI6ABZ suggested to turn the CW-auto mode to OFF and make sure the split (SPL) is not active. That solved part of the problem, I am able to key with USB or digital with no squealing, but the shift down persisted.

Then my cousin Peter EIGHT, mentioned to check the RITA. Well, there it was, the big problem. Some how in my getting acquainted with the rig, pushed the lock button on the RIT when it was set to a minus setting.

Now, the RIT is set to Zero and Locked. Now I can work PSK with USB or
Digital mode dead on Frequency.

Thanks a million guys. At my age I am sure will back for other minor questions, in the mean time the manual is always next to me like a Bible when operating.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

27590. Re: Problem Sending CW

Yahoo group: FT897 (2009)
Date: 2009-08-30 13:55:18 UTC
From: edmetzler
Topic: 27580 Message: 27590

Thank you very much.
Ed/KC9HSY

--- In FT897@yahoogroups.com, Thomas Wilson <wilsontp@...> wrote:
>
> I can't remember what page it's on, but there's a soft-key labelled
> "BK". When it has brackets around it, CW is enabled. When there are no
> brackets, you'll only get sidetone.
>
>
> ---
> Tom Wilson
> wilsontp@...
> (619)212-6311
> KI6ABZ
>
>
>
> On Sat, Aug 29, 2009 at 5:16 PM, edmetzler<edmetzler@...> wrote:
> >
> >
> > This is the first time trying to send cw using the 897D. I have it set to
> > use the built-in keyer, and I'm in CW mode and in the 20 meter band, but
> > when I send, all I get is side tone; it's not transmitting. I've gone
> > through the section on CW in the manual, and it looks like I have everything
> > set correctly. Any ideas?
> > KC9HSY
> >
> >
>

27591. DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 17:16:55 UTC
From: Scot Jones
Topic: 25364 Message: 27591

Hi all.

Does anyone have any recommendations on how to setup / get the most out of the DSP function?

I seem to leave it switched off most of the time as I seem to lose the voice when I switch it on making it a pointless option on the radio. Now Yaesu or anyone else would spend time and money on making a pointless option so I must not be using it to the best of it ability.

Kind regards

Scot

M1AFY

[Non-text portions of this message have been removed]

27592. Re: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 17:40:21 UTC
From: Trixter aka Bret McDanel
Topic: 25364 Message: 27592

On Sun, 2009-08-30 at 18:16 +0100, Scot Jones wrote:
>
> Hi all.
>
> Does anyone have any recommendations on how to setup / get the most
> out of
> the DSP function?
>
> I seem to leave it switched off most of the time as I seem to lose the
> voice
> when I switch it on making it a pointless option on the radio.

Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only.

Depending on which options you have enabled you may be able to tweak it to filter unwanted noise from the desired noise. There are pass filter options, page 59 of the manual states that the default option is 6000Hz for the low pass, and a tip that best results for voice would be obtained between 2130 and 2770Hz. This is menu item 47.

Menu item 46 is the HPF and it defaults to 100Hz, and the tip is not to set it much above 400Hz.

Telephones are generally 300-3600Hz because that is where most human voice is in. Depending on exactly who you talk to, what the conditions are, and the operating mode you may need to adjust that a bit.

Menu item 49 sets the DSP noise reduction level, it defaults to 8 but its range is 1-16, so you can adjust that a bit and maybe get some benefit out of it.

I would start with those options, although there are a couple more options for the DSP, those will probably be the most useful initially to adjust.

kc2dwq

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27593. RE: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 18:05:35 UTC
From: D. F.
Topic: 25364 Message: 27593

< Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only. >

Doesn't DSP stand for Digital SPEECH (as in VOICE?) processor? It would, therefore, really have no affect on digital modes such as CW, PSK, Paket, etc., is this correct?

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Trixter aka Bret McDanel
Sent: Sunday, August 30, 2009 12:40
To: FT897@yahoogroups.com
Subject: Re: [FT897] DSP

On Sun, 2009-08-30 at 18:16 +0100, Scot Jones wrote:
>
> Hi all.
>
> Does anyone have any recommendations on how to setup / get the most
> out of
> the DSP function?
>
> I seem to leave it switched off most of the time as I seem to lose the
> voice
> when I switch it on making it a pointless option on the radio.

Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only.

Depending on which options you have enabled you may be able to tweak it to filter unwanted noise from the desired noise. There are pass filter options, page 59 of the manual states that the default option is 6000Hz for the low pass, and a tip that best results for voice would be obtained between 2130 and 2770Hz. This is menu item 47.

Menu item 46 is the HPF and it defaults to 100Hz, and the tip is not to set it much above 400Hz.

Telephones are generally 300-3600Hz because that is where most human voice is in. Depending on exactly who you talk to, what the conditions are, and the operating mode you may need to adjust that a bit.

Menu item 49 sets the DSP noise reduction level, it defaults to 8 but its range is 1-16, so you can adjust that a bit and maybe get some benefit out of it.

I would start with those options, although there are a couple more options for the DSP, those will probably be the most useful initially to adjust.

kc2dwq

>
--
Trixter http://www.0xdecafb <http://www.0xdecafbad.com> ad.com Bret McDanel
pgp key: http://pgp.mit.
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

27594. RE: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 18:13:56 UTC
From: Trixter aka Bret McDanel
Topic: 25364 Message: 27594

On Sun, 2009-08-30 at 13:05 -0500, D. F. wrote:
>
> < Since you said voice that limits this to AM/FM/SSB, I will leave my
> comments for those modes only. >
>
> Doesn't DSP stand for Digital SPEECH (as in VOICE?) processor? It
> would, therefore, really have no affect on digital modes such as CW,
> PSK, Paket, etc., is this correct?
>

it was my understanding that its digital signals processing, since you can use DSPs to process modem, fax, and other non-voice modes of communication.

The DSP in the FT-897 can help clean up CW signals as well, and there are options for that specifically on page 59 in the manual. I left those modes out specifically since there was the voice comment.

Basically it depends on what its doing exactly, and how its doing it as to whether or not a DSP would be beneficial to any given mode of communication.

WSPR is open source software that uses DSP algorithms to pick out data signals below the noise floor, to further illustrate that it is more than just voice that can be processed by this rather wide range of algorithms (whether they are in dedicated hardware or done via software is to a point moot, granted dedicated hardware is usually more efficient at it).

>
kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27595. RE: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 18:08:37 UTC
From: John Geiger
Topic: 25364 Message: 27595

It stands for digital signal processing, and the DSP bandpass filter (which is more like a peak filter) makes a huge difference on CW, really bringing signals up out of the noise and cutting out some QRM. In my opinion it is the best function that the DSP does on the 857/897/100 and puts if miles ahead of the DSP on the Icom 706 series.

73s John AA5JG

--- On Sun, 8/30/09, D. F. <n8bmb1@...> wrote:

From: D. F. <n8bmb1@...>
Subject: RE: [FT897] DSP
To: FT897@yahoogroups.com
Date: Sunday, August 30, 2009, 1:05 PM

< Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only. >

Doesn't DSP stand for Digital SPEECH (as in VOICE?) processor? It would, therefore, really have no affect on digital modes such as CW, PSK, Paket, etc., is this correct?

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of Trixter aka Bret McDanel
Sent: Sunday, August 30, 2009 12:40
To: FT897@yahoogroups. com
Subject: Re: [FT897] DSP

On Sun, 2009-08-30 at 18:16 +0100, Scot Jones wrote:
>
> Hi all.
>
> Does anyone have any recommendations on how to setup / get the most
> out of
> the DSP function?
>
> I seem to leave it switched off most of the time as I seem to lose the
> voice
> when I switch it on making it a pointless option on the radio.

Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only.

Depending on which options you have enabled you may be able to tweak it to filter unwanted noise from the desired noise. There are pass filter

options, page 59 of the manual states that the default option is 6000Hz for the low pass, and a tip that best results for voice would be obtained between 2130 and 2770Hz. This is menu item 47.

Menu item 46 is the HPF and it defaults to 100Hz, and the tip is not to set it much above 400Hz.

Telephones are generally 300-3600Hz because that is where most human voice is in. Depending on exactly who you talk to, what the conditions are, and the operating mode you may need to adjust that a bit.

Menu item 49 sets the DSP noise reduction level, it defaults to 8 but its range is 1-16, so you can adjust that a bit and maybe get some benefit out of it.

I would start with those options, although there are a couple more options for the DSP, those will probably be the most useful initially to adjust.

kc2dwq

>
--
Trixter http://www.0xdecafb <http://www.0xdecafb ad.com> ad.com Bret McDanel
pgp key: http://pgp.mit.
<http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721>
edu:11371/pks/ lookup?op= get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27596. RE: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-30 20:34:52 UTC
From: Cliff Bryant
Topic: 23890 Message: 27596

It stands for Digital Signal Processor, it should function in all modes albeit doing different things (no notch in CW for instance).

Cliff, G4PZK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of D. F.
Sent: 30 August 2009 19:06
To: FT897@yahoogroups.com
Subject: RE: [FT897] DSP

< Since you said voice that limits this to AM/FM/SSB, I will leave my comments for those modes only. >

Doesn't DSP stand for Digital SPEECH (as in VOICE?) processor? It would, therefore, really have no affect on digital modes such as CW, PSK, Paket, etc., is this correct?

Dennis - N8BMB

[Non-text portions of this message have been removed]

27597. osx + ft897 success story

Yahoo group: FT897 (2009)
Date: 2009-08-30 20:58:25 UTC
From: j. eric townsend
Topic: 27597 Message: 27597

executive summary:
ft897 + microHAM USB Interface III + PowerMac G5 + MacLoggerDX: it just
works.

details here:
<http://www.flatline.net/journal/2009/08/30/making-a-yaesu-ft-897-work-with-osx/>

--
J. E. 'jet' Townsend, IDSA
Designer, Fabricator, Hacker
design: www.allartburns.org; hacking: www.flatline.net; HF: KG6ZVQ
PGP: 0xD0D8C2E8 AC9B 0A23 C61A 1B4A 27C5 F799 A681 3C11 D0D8 C2E8

27598. Output to low on all bands

Yahoo group: FT897 (2009)
Date: 2009-08-30 22:57:52 UTC
From: oz1bv
Topic: 27598 Message: 27598

Hi

Got a strange problem with my FT-897:
The TX power is too low on all bands (including 2m & 70cm).
The max. TX power on HF is about 25 Watts, on 6m 45W on 2m 30W (70cm I have not measured).
The TX power is variable on HF/6m, from 5W. On 2m the lowest power is 25W.
The audio sounds good, and the idle current on Pre-driver, driver, exciter and PA is as the service manual says.
On 2m the HIGH SWR warning is flashing when TX into my dummy load (SWR is 1:1). The radios own SWR indicator also indicates no return power.
On HF / 6m the HIGH SWR is not flashing when TX'ing into a dummy load.
I have measured the diodes in the SWR bridges and the diodes which joins the FWD and REW signals from the HF/6m PA and the 2m/70cm PA, all diodes are okay. The SWR voltages measures on J3002 also seems to be okay.

Does anybody have any idéeas about where to look for a broken component?

Best 73 de OZ1BV, Brian

27599. Re: [FT897] Output to low on all bands

Yahoo group: FT897 (2009)
Date: 2009-08-31 05:45:27 UTC
From: Randy Charles Ford
Topic: 27598 Message: 27599

Are you using a continuous carrier mode, such as FM or AM, when testing power?
If not, how are you doing it?

Is your dummy load specified for 2m? Most are not.

Was it working at higher power, then suddenly dropped?

When you say "the TX power is variable on HF/6m," do you mean that it varies
by frequency, or over time on one frequency?

What do you mean about "the lowest power" on 2m? What is the highest power,
and when does it change?

73,
kg4jix - randy.

On Sunday 30 August 2009 17:57:52 oz1bv wrote:
> Hi
>
> Got a strange problem with my FT-897:
> The TX power is too low on all bands (including 2m & 70cm).
> The max. TX power on HF is about 25 Watts, on 6m 45W on 2m 30W (70cm I have
> not measured). The TX power is variable on HF/6m, from 5W. On 2m the lowest
> power is 25W. The audio sounds good, and the idle current on Pre-driver,
> driver, exciter and PA is as the service manual says. On 2m the HIGH SWR
> warning is flashing when TX into my dummy load (SWR is 1:1). The radios own
> SWR indicator also indicates no return power. On HF / 6m the HIGH SWR is
> not flashing when TX'ing into a dummy load. I have measured the diodes in
> the SWR bridges and the diodes which joins the FWD and REW signals from the
> HF/6m PA and the 2m/70cm PA, all diodes are okay. The SWR voltages measures
> on J3002 also seems to be okay.
>
> Does anybody have any idéeas about where to look for a broken component?
>
> Best 73 de OZ1BV, Brian

27600. RE: [FT897] DSP

Yahoo group: FT897 (2009)
Date: 2009-08-31 06:52:43 UTC
From: Scot Jones
Topic: 25364 Message: 27600

Thank Bret for that help, Ill try those settings and see how I get on.

Kind Regards de M1AFY

[Non-text portions of this message have been removed]

27601. Re: Output to low on all bands

Yahoo group: FT897 (2009)
Date: 2009-08-31 08:41:37 UTC
From: oz1bv
Topic: 27598 Message: 27601

Hi Randy

I have inserted comments in the text below:

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Are you using a continuous carrier mode, such as FM or AM, when testing power?
I have testet in these modes: CW, FM and SSB (With a constant tone). Outputs are the same.
> If not, how are you doing it?
>
> Is your dummy load specified for 2m? Most are not.
>
My dummy load is specified to 650 MHz (MFJ-264 dry dummy load).
I have messured the SWR with a SWR-meter to make sure that the dummy load (and cables) are okay. The internal swr meter in the radio also says low SWR.

> Was it working at higher power, then suddenly dropped?
>
I don't know. I overtook the radio with this problem.

> When you say "the TX power is variable on HF/6m," do you mean that it varies
> by frequency, or over time on one frequency?
>
It means that I have, in menu 075 adjusted the TX power between minumum and maximum.
I have just measured the TX-power and this is the exact result:

Band: Min - Max TX power)
160m: 5 - 20W
80m: 10 - 18W
40m: 12 - 18W
30m: 10 - 35W
20m: 15 - 40W
17m: 11 - 25W
15m: 12 - 19W
12m: 11 - 15W
10m: 11 - 20W
6m: 12 - 50W
2m: 30 - 35W (High SWR is flashing)
70cm: 0,4W - 0,5W (High SWR is flashing)

Just to be sure about the results on 2m and 70cm I did connect another cable, another SWR meter and my antennna (which has SWR below 1-1:2) and the TX power is the same plus the High SWR warning is flashing.

> What do you mean about "the lowest power" on 2m? What is the highest power,
> and when does it change?
>

Hope I have covered this in the above.

> 73,
> kg4jix - randy.
>
>
> On Sunday 30 August 2009 17:57:52 oz1bv wrote:
> > Hi
> >
> > Got a strange problem with my FT-897:
> > The TX power is too low on all bands (including 2m & 70cm).
> > The max. TX power on HF is about 25 Watts, on 6m 45W on 2m 30W (70cm I have
> > not measured). The TX power is variable on HF/6m, from 5W. On 2m the lowest
> > power is 25W. The audio sounds good, and the idle current on Pre-driver,
> > driver, exciter and PA is as the service manual says. On 2m the HIGH SWR
> > warning is flashing when TX into my dummy load (SWR is 1:1). The radios own
> > SWR indicator also indicates no return power. On HF / 6m the HIGH SWR is
> > not flashing when TX'ing into a dummy load. I have measured the diodes in
> > the SWR bridges and the diodes which joins the FWD and REW signals from the
> > HF/6m PA and the 2m/70cm PA, all diodes are okay. The SWR voltages measures
> > on J3002 also seems to be okay.
> >
> > Does anybody have any idÃ©eas about where to look for a broken component?
> >
> > Best 73 de OZ1BV, Brian
>

Best 73 de OZ1BV, Brian

27602. User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-08-31 17:09:15 UTC
From: thb201
Topic: 27602 Message: 27602

Hello group:

I notice that LDG has come out with the YT-100, a new dedicated tuner for the FT-897 (also for the FT-857 and FT-100). This tuner looks interesting. Is it an upgrade to the AT-897? As far as I can tell from reading the manuals the AT-897 does not reduce power on the rig for tuning. It just switches the rig to CW and starts a tune cycle. The YT-100 appears to reduce power, switch to AM, and then start a tune cycle. Also the YT-100 has 2000 memories over the AT-897's 200 memories. In addition the AT-897 shows two cable needed (ACC and CAT) while the YT-100 shows only one cable needed (CAT).

On eham.net there are only 3 reviews so far (all 5.0's) as the YT-100 is so new. I have no experience with LDG tuners and I was wondering if anyone on the list has this tuner and can comment on it above and beyond what is on the eham site.

Thanks in advance.

73
John
VE3CXB

27603. OT: antenna impedance algorithm

Yahoo group: FT897 (2009)
Date: 2009-08-31 18:12:11 UTC
From: Trixter aka Bret McDanel
Topic: 27603 Message: 27603

I am desperately seeking anyone that knows the algorithm, its name, or anything that would help me locate it for the RF impedance when you have two tubes, one inside the other. For example if you make an antenna using metal tubing, the diameter of each of the two tubes is important for matching.

I cant find this anywhere and am asking everyone that I can think of that might know it. I saw the algorithm in passing 10-15 years ago and cannot recall much other than diameter of the two tubes (inner diameter of the outer tube, outer diameter of the inner tube) was used to calculate RF impedance.

Any help would be greatly appreciated, the source that contained this info is no longer online.

Thanks,
kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27604. Re: [FT897] User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-08-31 18:21:55 UTC
From: Danny Loyd
Topic: 27602 Message: 27604

Does the YT-100 attach to the side of the FT-897 like the AT-897?

Danny
KE5WDI

From: thb201 <hudakjm@mcmaster.ca>
To: FT897@yahoogroups.com
Sent: Monday, August 31, 2009 12:09:15 PM
Subject: [FT897] User comments on new LDG YT-100 tuner?

Hello group:

I notice that LDG has come out with the YT-100, a new dedicated tuner for the FT-897 (also for the FT-857 and FT-100). This tuner looks interesting. Is it an upgrade to the AT-897? As far as I can tell from reading the manuals the AT-897 does not reduce power on the rig for tuning. It just switches the rig to CW and starts a tune cycle. The YT-100 appears to reduce power, switch to AM, and then start a tune cycle. Also the YT-100 has 2000 memories over the AT-897's 200 memories. In addition the AT-897 shows two cable needed (ACC and CAT) while the YT-100 shows only one cable needed (CAT).

On eham.net there are only 3 reviews so far (all 5.0's) as the YT-100 is so new. I have no experience with LDG tuners and I was wondering if anyone on the list has this tuner and can comment on it above and beyond what is on the eham site.

Thanks in advance.

73
John
VE3CXB

[Non-text portions of this message have been removed]

27605. Re: [FT897] OT: antenna impedance algorithm

Yahoo group: FT897 (2009)
Date: 2009-08-31 18:49:16 UTC
From: k5wlf@rebelwolf.com
Topic: 27605 Message: 27605

I'm at work, and the book's at home, but might it be in the ARRL Antenna Handbook?

73,
ldb
--
Larry D. Barr, K5WLF
PIO, ARRL NTX District 3
SKYWARN Spotter/Net Control
Erath County (TX) ARES AEC
Erath County (TX) RACES CLO (Alt)
Erath County (TX) Emergency Management
http://www.rebelwolf.com/

> -------Original Message-------
> From: Trixter aka Bret McDanel <trixter@...>
> Subject: [FT897] OT: antenna impedance algorithm
> Sent: 31 Aug '09 12:12
>
> I am desperately seeking anyone that knows the algorithm, its name, or
> anything that would help me locate it for the RF impedance when you have
> two tubes, one inside the other.??For example if you make an antenna
> using metal tubing, the diameter of each of the two tubes is important
> for matching.
>
> I cant find this anywhere and am asking everyone that I can think of
> that might know it.??I saw the algorithm in passing 10-15 years ago and
> cannot recall much other than diameter of the two tubes (inner diameter
> of the outer tube, outer diameter of the inner tube) was used to
> calculate RF impedance.??
>
> Any help would be greatly appreciated, the source that contained this
> info is no longer online.
>
>
> Thanks,
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com???? Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
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> ------------------------------------
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> Yahoo! Groups Links
>
>
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>

27606. Re: [FT897] OT: antenna impedance algorithm

Yahoo group: FT897 (2009)
Date: 2009-08-31 19:08:41 UTC
From: Randy Charles Ford
Topic: 27603 Message: 27606

Just think of it as coax. Those algorithms are many places, including
wikipedia: http://en.wikipedia.org/wiki/Coaxial_cable .

73,
kg4jix - randy.

On Monday 31 August 2009 13:12:11 Trixter aka Bret McDanel wrote:
> I am desperately seeking anyone that knows the algorithm, its name, or
> anything that would help me locate it for the RF impedance when you have
> two tubes, one inside the other. For example if you make an antenna
> using metal tubing, the diameter of each of the two tubes is important
> for matching.
>
> I cant find this anywhere and am asking everyone that I can think of
> that might know it. I saw the algorithm in passing 10-15 years ago and
> cannot recall much other than diameter of the two tubes (inner diameter
> of the outer tube, outer diameter of the inner tube) was used to
> calculate RF impedance.
>
> Any help would be greatly appreciated, the source that contained this
> info is no longer online.
>
>
> Thanks,
> kc2dwq

27607. Re: [FT897] OT: antenna impedance algorithm

Yahoo group: FT897 (2009)
Date: 2009-08-31 20:20:06 UTC
From: Randy Charles Ford
Topic: 27603 Message: 27607

Looking back over the posts, I'm not sure I understood you correctly. Are the tubes electrically connected, such as for tapering an element, or insulated from each other?

73,
kg4jix - randy.

On Monday 31 August 2009 14:08:41 Randy Charles Ford wrote:
> Just think of it as coax. Those algorithms are many places, including
> wikipedia: http://en.wikipedia.org/wiki/Coaxial_cable .
>
> 73,
> kg4jix - randy.
>
> On Monday 31 August 2009 13:12:11 Trixter aka Bret McDanel wrote:
> > I am desperately seeking anyone that knows the algorithm, its name, or
> > anything that would help me locate it for the RF impedance when you have
> > two tubes, one inside the other. For example if you make an antenna
> > using metal tubing, the diameter of each of the two tubes is important
> > for matching.
> >
> > I cant find this anywhere and am asking everyone that I can think of
> > that might know it. I saw the algorithm in passing 10-15 years ago and
> > cannot recall much other than diameter of the two tubes (inner diameter
> > of the outer tube, outer diameter of the inner tube) was used to
> > calculate RF impedance.
> >
> > Any help would be greatly appreciated, the source that contained this
> > info is no longer online.
> >
> >
> > Thanks,
> > kc2dwq

27608. Re: [FT897] OT: antenna impedance algorithm

Yahoo group: FT897 (2009)
Date: 2009-08-31 21:25:48 UTC
From: Chris Baker
Topic: 27603 Message: 27608

assuming its circular,
try Z=138 log(base10) x Large Dia of tube/small dia of tube
This applies when the meduim is Air
If using a dielectric, the value of Z should be multiplied by 1/ square root of the dielectric constant.
(Ref RSGB Radio Data book page 141)

Thanks

Chris Baker B.A.

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Mon, 31/8/09, Trixter aka Bret McDanel <trixter@...> wrote:

From: Trixter aka Bret McDanel <trixter@...>
Subject: [FT897] OT: antenna impedance algorithm
To: FT897@yahoogroups.com
Date: Monday, 31 August, 2009, 7:12 PM

I am desperately seeking anyone that knows the algorithm, its name, or anything that would help me locate it for the RF impedance when you have two tubes, one inside the other. For example if you make an antenna using metal tubing, the diameter of each of the two tubes is important for matching.

I cant find this anywhere and am asking everyone that I can think of that might know it. I saw the algorithm in passing 10-15 years ago and cannot recall much other than diameter of the two tubes (inner diameter of the outer tube, outer diameter of the inner tube) was used to calculate RF impedance.

Any help would be greatly appreciated, the source that contained this info is no longer online.

Thanks,
kc2dwq
--
Trixter http://www.0xdecafb ad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

27609. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-09-01 07:20:36 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 27609

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

27610. Re: CAT System on the MIC socket for Yaesu FT-897/857 (HIDDEN CAT COMMANDS???)

Yahoo group: FT897 (2009)
Date: 2009-09-01 15:02:48 UTC
From: john_kb0ne
Topic: 27528 Message: 27610

Hi,
I have noticed that HRD will momentarily mute the audio when changing frequencies (this is a normal thing when updating frequencies via the CAT port)... BUT when using the mic (or main tuning knob) to change frequencies the momentary mute does not happen.

I'm wondering if there are hidden or unpublished CAT commands for the 897D that allow the hand mic to operate in a mode similar to the main tuning knob.... If so it might be worthwhile to pass along this tidbit to Simon at HRD so the 897 CAT commands can be updated to give better scanning performance.

John KB0NE

--- In FT897@yahoogroups.com, "iz0inx" <iz0inx@...> wrote:
>
> Hi everybody, I've just added a file that describes how to replicate the CAT functionality on the Mic plug.
> I't very useful as it allow the CAT connection even if the CAT/Linear socket on the rear panel is alredy used for other devices (i.e. the FC-30 or FC-40 Tuner)
>
> The file is named CAT-Mic.doc and is located in the Files section, here:
> Files > CAT & Sound Card Interfaces > Just CAT converter
>
> If someone think that that's not the right place just let me know, I will move it to the proper one.
>
> I'll appreciate any comment
> 73, Filippo IZØINX
>

27611. Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 15:35:04 UTC
From: for_rowdy
Topic: 27611 Message: 27611

Late last night I was listening about on my Kenwood 850 and then switched back to my FT-897D and forgot to move the appropriate antenna switch. The LDG Z-11Pro attempted to tune (no antenna) after I pushed the tune button several times, of course to no avail. Without thinking I pushed the press to talk peddle for a couple of seconds too.

Is that enough to do serious damage to the finals? If finals are damaged do they exhibit less output or do they simply blow out? Was able to check in to a net this morning with a 57 signal report.

I guess I need red stickies with warning messages to put on the front of my rigs so I remember to switches those switches!!

Rob

VE3FRJ

27612. RE: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:07:06 UTC
From: D. F.
Topic: 27611 Message: 27612

You do not mention if the radio(s) are no longer functioning correctly. That said, if you haven't tried to use the radio(s), go ahead and do so. All should work ok and be just fine, but the only way to tell is to attempt to use the radio(s) and verify if there are any problems.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of for_rowdy
Sent: Tuesday, September 01, 2009 10:35
To: FT897@yahoogroups.com
Subject: [FT897] Finals and Antenna Switches!!

Late last night I was listening about on my Kenwood 850 and then switched back to my FT-897D and forgot to move the appropriate antenna switch. The LDG Z-11Pro attempted to tune (no antenna) after I pushed the tune button several times, of course to no avail. Without thinking I pushed the press to talk peddle for a couple of seconds too.

Is that enough to do serious damage to the finals? If finals are damaged do they exhibit less output or do they simply blow out? Was able to check in to a net this morning with a 57 signal report.

I guess I need red stickies with warning messages to put on the front of my rigs so I remember to switches those switches!!

Rob

VE3FRJ

[Non-text portions of this message have been removed]

27613. Re: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:05:50 UTC
From: Trixter aka Bret McDanel
Topic: 27611 Message: 27613

On Tue, 2009-09-01 at 15:35 +0000, for_rowdy wrote:
>
> Late last night I was listening about on my Kenwood 850 and then
> switched back to my FT-897D and forgot to move the appropriate antenna
> switch. The LDG Z-11Pro attempted to tune (no antenna) after I pushed
> the tune button several times, of course to no avail. Without thinking
> I pushed the press to talk peddle for a couple of seconds too.
>
> Is that enough to do serious damage to the finals? If finals are
> damaged do they exhibit less output or do they simply blow out? Was
> able to check in to a net this morning with a 57 signal report.

the 879 will scale power back if you have a high swr. This is automatic
and afaik there is no way to disable this feature (which is probably a
good thing).

I would not do this all day and rely on that but it should help to
protect the rig from short duration accidents like this.

I did put in an email to yaesu on your behalf to see what they have to
say (plus I want to know the answer just in case :) I did not identify
you in any way. If they read this email, they would have already read
your original post, so I dont see that as a concern. The person that I
contact at Yaesu generally gets back to me fairly quickly so I should be
able give you their answer later today.
>

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27614. RE: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:10:17 UTC
From: Trixter aka Bret McDanel
Topic: 27611 Message: 27614

On Tue, 2009-09-01 at 11:07 -0500, D. F. wrote:
>
> You do not mention if the radio(s) are no longer functioning
> correctly.
> That said, if you haven't tried to use the radio(s), go ahead and do
> so.
> All should work ok and be just fine, but the only way to tell is to
> attempt to use the radio(s) and verify if there are any problems.

> Was able to
> check in to a net this morning with a 57 signal report.

He said he got a 57 signal report, although I dont know if that is
normal or not, it apparently does transmit, and that could be an
indication that it transmits as normal.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27615. Re: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:13:01 UTC
From: robertjames
Topic: 27611 Message: 27615

Hi Dennis
Thanks for the reply. The radio seems to work fine, although my question stems from the fact that the Aux. LDG accessory meter doesn't seem to show Pwr very well. Maybe it never has - I don't know. And the Pwr. meter on the radio I find virtually impossible to read with any accuracy.

It was the low power that prompted me to think I might have done something to the finals, but your reply is reassuring.

Rob
VE3FRJ

On 1-Sep-09, at 12:07 PM, D. F. wrote:

> You do not mention if the radio(s) are no longer functioning
> correctly.
> That said, if you haven't tried to use the radio(s), go ahead and do
> so.
> All should work ok and be just fine, but the only way to tell is to
> attempt to use the radio(s) and verify if there are any problems.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf
> Of
> for_rowdy
> Sent: Tuesday, September 01, 2009 10:35
> To: FT897@yahoogroups.com
> Subject: [FT897] Finals and Antenna Switches!!
>
>
> Late last night I was listening about on my Kenwood 850 and then
> switched back to my FT-897D and forgot to move the appropriate antenna
> switch. The LDG Z-11Pro attempted to tune (no antenna) after I pushed
> the tune button several times, of course to no avail. Without
> thinking I
> pushed the press to talk peddle for a couple of seconds too.
>
> Is that enough to do serious damage to the finals? If finals are
> damaged
> do they exhibit less output or do they simply blow out? Was able to
> check in to a net this morning with a 57 signal report.
>
> I guess I need red stickies with warning messages to put on the

> front of
> my rigs so I remember to switches those switches!!
>
> Rob
>
> VE3FRJ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27616. Re: [FT897] Finals and Antenna Switches!! THANKS

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:18:38 UTC
From: robertjames
Topic: 27611 Message: 27616

Thanks for your replies.

Maybe all this proves one should not be playing radio at 3:00 AM :-)

Rob

On 1-Sep-09, at 12:10 PM, Trixter aka Bret McDanel wrote:

> On Tue, 2009-09-01 at 11:07 -0500, D. F. wrote:
> >
> > You do not mention if the radio(s) are no longer functioning
> > correctly.
> > That said, if you haven't tried to use the radio(s), go ahead and do
> > so.
> > All should work ok and be just fine, but the only way to tell is to
> > attempt to use the radio(s) and verify if there are any problems.
>
> > Was able to
> > check in to a net this morning with a 57 signal report.
>
> He said he got a 57 signal report, although I dont know if that is
> normal or not, it apparently does transmit, and that could be an
> indication that it transmits as normal.
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

27617. Re: [FT897] Finals and Antenna Switches!! THANKS

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:40:02 UTC
From: Trixter aka Bret McDanel
Topic: 27611 Message: 27617

On Tue, 2009-09-01 at 12:18 -0400, robertjames wrote:
>
> Thanks for your replies.
>
> Maybe all this proves one should not be playing radio at 3:00 AM :-)
>

Perhaps :)

>From Yaesu support:
"The FT-897 will scale power back to protect the finals from a high SWR.
A short TX without an antenna will not normally destroy the finals, but
that does not mean that could not."

I used the phrase 'damage' in my question, his response 'destroy'
implies a catastrophic failure, which obviously you do not have with the
signal report that you got.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27618. Re: Noise from OEM Battery charger

Yahoo group: FT897 (2009)
Date: 2009-09-01 20:21:31 UTC
From: blackbelair
Topic: 27274 Message: 27618

--- In FT897@yahoogroups.com, "kc9ipv" <mike@...> wrote:
>
> Update.
>
> Ok, I got the schematic from yaesu. They are using .1u (104) capacitors to filter noise on all 3 lines coming out of the charger. On pin 3 (charging voltage) there is an unused place for diode D5. I placed a .001u(102) cap there. On pin 6 (blue wire) I placed a .001u cap between it and pin 1 (ground). I straddled a .001u cap over C19 coming from the white wire at pin 5. This adds higher frequency filtering on all lines going to the battery.
>
> When testing I found the noise greatly reduced and is barely audible and no longer shows up on the S meter with the exception of the 6 meter band. 6 is still giving me a very high noise level. 2 meters is fine and I didn't test UHF. I can live with 6 since I don't use it often and when I do I won't be using the internal batteries. I also still have the 6 RFI beads on the wire coming out of the charger.
>
> To open the case feel around on the sticker. There are 2 torx screws back there. Then pinch the sides to pop it open.
>
> While you have it open you might as well check the output voltage at pin 3 and adjust VR1 to set it to 16.5vdc
>
> mike
> kc9ipv

Hello Mike:
Did you test this noise reduction with a solar panel or with the wall charger? Anyway, this looks promising. Can you post the cd-24 schematic to the files section? I would like to start work on my cd-24 so that I can use it in the field using a solar panel. Thanks for the update.
Fred
k6kub
>
>
>
> --- In FT897@yahoogroups.com, "blackbelair" <geminifred@> wrote:
> >
> > --- In FT897@yahoogroups.com, "kc9ipv" <mike@> wrote:
> > >
> > > Well, I got an email from the tech support guy from Yaesu. He is mailing the schematics today! Very supprised and impressed with the response from them.
> > >
> > > I've managed to pic apart some of the circuit but the schematics will be very helpful.
> > >

> > > Taking a stab at the cause I'd guess its in the voltage step up circuit since there is no AC input and the DC input is clean.
> > >
> > > Anyone have a schematic for the W4RT unit?
> > >
> > > mike
> > > kc9ipv
> > >
> > > >
> > > > That may be what I end up doing. However the CD-24 runs cool and doesn't have any case vents. It doesn't hurt to get a little moisture on it. The W4RT unit is not sealed at all.
> > > >
> > > > I opened up the CD-24 this evening and put it on the scope and was amazed at just how dirty the output really is. It also seems to be way over engineered for a charger. I'm going to try to add some filtering inside the case and see if I can clean it up. I emailed yaesu for the schematic but I'm not holding my breath. They give you the one with the radio why not the accessories?
> > > >
> > > > mike
> > > > kc9ipv
> > > >
> > > > --- In FT897@yahoogroups.com, Dean Nash <n4shd@> wrote:
> > > > >
> > > > > Ditch the CD-24 and get W4RT's OneFastCharger (OFC). 0 noise from the grid or solar power.
> > > > >
> > > > >
> > > > > 73 de N4SHD
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > _____
> > > > > From: kc9ipv <mike@>
> > > > > To: FT897@yahoogroups.com
> > > > > Sent: Wednesday, August 19, 2009 7:24:32 AM
> > > > > Subject: [FT897] Re: Noise from OEM Battery charger
> > > > >
> > > > >
> > > > > Yes, the same noise is there when using a solar panel. So, the noise is from the cd-24 not the power source. I did get the noise down by putting 6 RFI beads on the line out of the charger. It's still there but no where near as bad.
> > > > >
> > > > > mike
> > > > > kc9ipv
> > > > >
> > > > > > Yes indeed I encountered the same high level noise on all the hf bands while charging one bat. and operating on the other bat. I was using the Yaesu wall charger that plugs into the cd-24 controller. I tried it also on vhf/uhf fm and don't hear any noise.

> > > > > > I would like to use a solar panel to charge one bat. while operating on the other bat. on the hf band for portable ops. I would like to know if the panel also generate noise in this configuration? Has anyone tried this to confirm whether it is workable or not?
> > > > > > Fred
> > > > > > k6kub
> >
> > It would be really nice to sus out and eliminate the source of noise from the cd-24. I thought for sure the noise was coming from the Pa-26 wall charger. I want to use a solar panel for portable operation but if there is going to be noise injected using a panel, then its back to lugging extra batteries.
> > B.T.W. how did you manage to open the cd-24 case? I tried to open mine but it seemed that the cover would break instead of popping off.
> > Fred
> > k6kub
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > >
> > > > >
> > >
>

27619. Re: [FT897] User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-08-31 18:48:19 UTC
From: David Wagner
Topic: 27602 Message: 27619

Danny... from the photos on the LDG web site, it looks like it would
have to sit beside the radio:

http://www.ldgelectronics.com/c/252/products/1/52/1

Dave

On Aug 31, 2009, at 1321, Danny Loyd wrote:

> Does the YT-100 attach to the side of the FT-897 like the AT-897?
>

David Wagner
K3LGM
Springtown, TX

[Non-text portions of this message have been removed]

27620. WTB: Yaesu CW filter

Yahoo group: FT897 (2009)
Date: 2009-08-31 16:40:09 UTC
From: John Geiger
Topic: 27620 Message: 27620

I am looking for a CW filter for my Yaesu FT857D. I would prefer the 300hz filter, which is INRAD #712, Yaesu YF-122CN or W4RT OPF-Y-CW-300 models, but would also take the 500hz filter-INRAD #712 or Yaesu YF-122C.

Anyone have one for sale? I can pay with paypal, check, or MO.

73s John AA5JG

27621. Re: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 15:42:44 UTC
From: John Geiger
Topic: 27611 Message: 27621

Hi Rob,

The SWR protection circuit should protect the finals in the case of a bad antenna SWR or no antenna. Does the RF output meter on the FT897D show that you are still putting out full power?

73s John AA5JG

--- On Tue, 9/1/09, for_rowdy <robertjames@...> wrote:

From: for_rowdy <robertjames@...>
Subject: [FT897] Finals and Antenna Switches!!
To: FT897@yahoogroups.com
Date: Tuesday, September 1, 2009, 10:35 AM

Late last night I was listening about on my Kenwood 850 and then switched back to my FT-897D and forgot to move the appropriate antenna switch. The LDG Z-11Pro attempted to tune (no antenna) after I pushed the tune button several times, of course to no avail. Without thinking I pushed the press to talk peddle for a couple of seconds too.

Is that enough to do serious damage to the finals? If finals are damaged do they exhibit less output or do they simply blow out? Was able to check in to a net this morning with a 57 signal report.

I guess I need red stickies with warning messages to put on the front of my rigs so I remember to switches those switches!!

Rob

VE3FRJ

[Non-text portions of this message have been removed]

27622. Re: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-01 16:14:29 UTC
From: John Geiger
Topic: 27611 Message: 27622

--- On Tue, 9/1/09, Trixter aka Bret McDanel <trixter@...> wrote:

< the 879 will scale power back if you have a high swr. This is automatic
< and afaik there is no way to disable this feature (which is probably a
< good thing).

You can go into the hidden menus and greatly raise the threshold where it starts to lower power. I wouldn't do this either, but it can be done.

73s John AA5JG

27623. FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-08-31 22:26:48 UTC
From: milani_emiliano
Topic: 27623 Message: 27623

Hi all,
sorry for my very poor english.
In digital mode PSK31-U (menù 038) and menù 086 set to 500 when i insert the 500 Hz filter the center band in my waterfall on place at 1000 Hz. When i go in tx, with the psk channel centered at 1000 Hz, nothing go on-air. Why does the BFO for reconstruction of carrier ssb go down of only 1000 Hz instead of the 1500 Hz standard?
Thanks in advance
Emiliano iz3lef

27624. Re: User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-09-01 17:24:41 UTC
From: k1allradio
Topic: 27602 Message: 27624

I am one of the early eham reviewers, but now have a couple more months' of experience with the YT-100. I have so far been impressed with its operations; it tunes fairly quickly, remembers where its been, and certainly could not be more simple to use (one button). I have used it extensively on 20M, 40M, and 80M with no problems. I have less experience on other bands, but it seems to tune everything I have tried (I run a G5RV Lite antenna - the one with traps).

It does not attach to the FT-897; it is a stand alone unit.

Alan
K1ALL

-- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Does the YT-100 attach to the side of the FT-897 like the AT-897?
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: thb201 <hudakjm@...>
> To: FT897@yahoogroups.com
> Sent: Monday, August 31, 2009 12:09:15 PM
> Subject: [FT897] User comments on new LDG YT-100 tuner?
>
>
> Hello group:
>
> I notice that LDG has come out with the YT-100, a new dedicated tuner for the FT-897 (also for the FT-857 and FT-100). This tuner looks interesting. Is it an upgrade to the AT-897? As far as I can tell from reading the manuals the AT-897 does not reduce power on the rig for tuning. It just switches the rig to CW and starts a tune cycle. The YT-100 appears to reduce power, switch to AM, and then start a tune cycle. Also the YT-100 has 2000 memories over the AT-897's 200 memories. In addition the AT-897 shows two cable needed (ACC and CAT) while the YT-100 shows only one cable needed (CAT).
>
> On eham.net there are only 3 reviews so far (all 5.0's) as the YT-100 is so new. I have no experience with LDG tuners and I was wondering if anyone on the list has this tuner and can comment on it above and beyond what is on the eham site.
>
> Thanks in advance.
>
> 73

> John
> VE3CXB
>
>
>
>
> [Non-text portions of this message have been removed]
>

27625. Re: User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-08-31 19:06:43 UTC
From: bw3us
Topic: 27602 Message: 27625

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> Does the YT-100 attach to the side of the FT-897 like the AT-897?
>
> Danny
> KE5WDI
>
No it does not. The AT-897 is made to mount right against the left side of the FT-897 and the rubber legs in turn go on the tuner for setting the rig down when portable. I use the AT-897 on base and do not have it mounted to the rig and it works excellently.
The YT-100 is similar to the AT-100 except for some improvements, like memories. You can't get the outdated AT-100 except at some dealers who may have a few left NOS. It will not mount on the side of the FT-897 as it is a "external" tuner. The comtrol wire is a little short, but it certainly does the job.
Both tuners work very well, have a small foot print and are very quick to tune.
Bill, k3waw

[Non-text portions of this message have been removed]

27626. RE: [FT897] Finals and Antenna Switches!!

Yahoo group: FT897 (2009)
Date: 2009-09-02 02:43:21 UTC
From: D. F.
Topic: 27611 Message: 27626

This is now a dead subject - all is well with the
radio!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
John Geiger
Sent: Tuesday, September 01, 2009 11:14
To: FT897@yahoogroups.com
Subject: Re: [FT897] Finals and Antenna Switches!!

--- On Tue, 9/1/09, Trixter aka Bret McDanel <trixter@0xdecafbad.
<mailto:trixter%400xdecafbad.com> com> wrote:

< the 879 will scale power back if you have a high swr. This is
automatic
< and afaik there is no way to disable this feature (which is probably a
< good thing).

You can go into the hidden menus and greatly raise the threshold where
it starts to lower power. I wouldn't do this either, but it can be done.

73s John AA5JG

[Non-text portions of this message have been removed]

27627. Re: [FT897] WTB: Yaesu CW filter

Yahoo group: FT897 (2009)
Date: 2009-09-02 16:01:06 UTC
From: Thomas Wilson
Topic: 27620 Message: 27627

Have you checked out the w4wb Collins filters? They're pretty reasonably priced.

http://www.w4wb.com/FT-897-Accessories/filters-CW-SSB-only.htm

---
Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

2009/8/31 John Geiger <aa5jg@...>:
>
>
> I am looking for a CW filter for my Yaesu FT857D. I would prefer the 300hz filter, which is INRAD #712, Yaesu YF-122CN or W4RT OPF-Y-CW-300 models, but would also take the 500hz filter-INRAD #712 or Yaesu YF-122C.
>
> Anyone have one for sale? I can pay with paypal, check, or MO.
>
> 73s John AA5JG
>
>

27628. Re: [FT897] Re: User comments on new LDG YT-100 tuner?

Yahoo group: FT897 (2009)
Date: 2009-09-02 16:04:16 UTC
From: Thomas Wilson
Topic: 27602 Message: 27628

It looks like it's the same size as my Z-11, which is a pretty small package. I used 2 pieces of double-sided mounting tape to attach my tuner to the top of the radio; it's pretty secure there, even when I take the radio for a trip.

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

2009/9/1 k1allradio <allod@...>:
> It does not attach to the FT-897; it is a stand alone unit.

27629. Transmitting problem on the Yaesu 897D and RT Systems Software

Yahoo group: FT897 (2009)
Date: 2009-09-03 01:45:52 UTC
From: d_marotti
Topic: 27629 Message: 27629

I have the strangest problem. I have RT Systems software that I purchased from RT Systems directly along with a cable to connect to my Yaesu 897D radio. When I synch (send) to the 897D, all my memories and settings transfer over to the 897D flawlessly, and everything seems great. When I say great, it is actually not perfect. Each time I synch, I still have to turn SPL ☐ (split tones) off - {represented as "TEN" pp 13 of the manual} in order to get the radio to transmit. However even after turning off [SPL], once I shut off the radio, when I turn it back on, all of my memory settings are still there, and the other radio settings, however the radio itself will not transmit, and [SPL] is still off. The only way I can get it to transmit again is to reconnect the cable and resend the data from my laptop again, and then to turn off [SPL] again. Then everything works perfectly , that is until I turn off the radio again. Does anyone know what I can do to stop this? It is making me crazy. So to sum it up, I have to re-synch each time I want to use the radio, and then turn off [SPL]. Please advise. Thank you.

David - KC2VLZ

27630. RE: [FT897] Transmitting problem on the Yaesu 897D and RT Systems Software

Yahoo group: FT897 (2009)
Date: 2009-09-03 03:09:22 UTC
From: D. F.
Topic: 27629 Message: 27630

Try setting up the rig how you want it, with all menu items, frequencies and repeaters also set where you want them. Then, READ the radio first (you may need to save it separately from the other "saved programming"), Clear out the radio (master reset) then make frequency changes, repeater changes, menu changes, in the computer software, then SEND back to the radio. That "should" clear any problems get the rig back where it should be. It seems like there is a problem with the internal memory with "both" settings being saved and the rig not knowing which it should follow. This should get the rig right.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of d_marotti
Sent: Wednesday, September 02, 2009 20:46
To: FT897@yahoogroups.com
Subject: [FT897] Transmitting problem on the Yaesu 897D and RT Systems Software

I have the strangest problem. I have RT Systems software that I purchased from RT Systems directly along with a cable to connect to my Yaesu 897D radio. When I synch (send) to the 897D, all my memories and settings transfer over to the 897D flawlessly, and everything seems great. When I say great, it is actually not perfect. Each time I synch, I still have to turn SPL - (split tones) off - {represented as "TEN" pp 13 of the manual} in order to get the radio to transmit. However even after turning off [SPL], once I shut off the radio, when I turn it back on, all of my memory settings are still there, and the other radio settings, however the radio itself will not transmit, and [SPL] is still off. The only way I can get it to transmit again is to reconnect the cable and resend the data from my laptop again, and then to turn off [SPL] again. Then everything works perfectly., that is until I turn off the radio again. Does anyone know what I can do to stop this? It is making me crazy. So to sum it up, I have to re-synch each time I want to use the radio, and then turn off [SPL]. Please advise. Thank you.

David - KC2VLZ

[Non-text portions of this message have been removed]

27631. another group & free morse code lessons

Yahoo group: FT897 (2009)
Date: 2009-09-03 03:11:33 UTC
From: zephyrnewyork
Topic: 27631 Message: 27631

Please forward to interested parties:

Fellow hams (or soon-to-be hams),

If you're interested in ham radio and/or learning morse code, join
this group and reply to the Poll to get a chance to win free
one-one-one morse code lessons.

http://groups.yahoo.com/group/HamRadioHelpGroup/surveys?id=12940202

73,
Frank

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Wed, Sep 2, 2009 at 21:45, d_marotti<d_marotti@...> wrote:
>
>
> I have the strangest problem. I have RT Systems software that I purchased
> from RT Systems directly along with a cable to connect to my Yaesu 897D
> radio. When I synch (send) to the 897D, all my memories and settings
> transfer over to the 897D flawlessly, and everything seems great. When I say
> great, it is actually not perfect. Each time I synch, I still have to turn
> SPL – (split tones) off - {represented as "TEN" pp 13 of the manual} in
> order to get the radio to transmit. However even after turning off [SPL],
> once I shut off the radio, when I turn it back on, all of my memory settings
> are still there, and the other radio settings, however the radio itself will
> not transmit, and [SPL] is still off. The only way I can get it to transmit
> again is to reconnect the cable and resend the data from my laptop again,
> and then to turn off [SPL] again. Then everything works perfectly…, that is
> until I turn off the radio again. Does anyone know what I can do to stop
> this? It is making me crazy. So to sum it up, I have to re-synch each time I
> want to use the radio, and then turn off [SPL]. Please advise. Thank you.
>
> David - KC2VLZ
>
>

27632. Re: Transmitting problem on the Yaesu 897D and RT Systems Software

Yahoo group: FT897 (2009)
Date: 2009-09-03 08:49:12 UTC
From: nr3r15
Topic: 27629 Message: 27632

--- In FT897@yahoogroups.com, "d_marotti" <d_marotti@...> wrote:
>

Try going to RT Systems web site and downloading the latest updates for the software. It helped me once when I was having trouble saving information. They come out with bug fixes all the time.

Larry / nr3r

27633. FT-897 and telephony software interconnect

Yahoo group: FT897 (2009)
Date: 2009-09-04 01:05:05 UTC
From: Trixter aka Bret McDanel
Topic: 27633 Message: 27633

I have finished the _initial_ version of my perl script that interconnects with FreeSWITCH.org an open source telephony platform to allow the FT-897 to be bridged into FreeSWITCH. I will be providing full instructions as well as the scripts free on my blog in the next day or two.

I have only tested this with an FT-897, although this should work with any radio that has a remote PTT, speaker jack and mic jack that can be connected to a computers sound card. The interface circuit is known to work on a VX6 as well as many other radios, and only costs about $5-10 to make.

What I am requesting is that anyone who is interested in this to email me off list with what minimum features you would like to see in the initial version so that they can be added.

The initial vision that I have is to make a toolkit to allow people to cheaply and quickly build a repeater (with some technical limitations), create a radio->phone bridge (autopatch, with or without a repeater), etc. I will however entertain any reasonable suggestion for a feature.

About FreeSWITCH. FreeSWITCH is a cross platform telephony application licensed under the Mozilla Public License (MPL). It runs natively on Windows, OSX, Linux, Solaris, BSD and others. It gives you the ability to interconnect traditional phone lines, isdn circuits, VoIP accounts, and if equipped and licensed even work as a GSM tower (BTS). It can provide a common platform for disaster communications allowing multiple different technologies to all talk to each other. It is free and open source. More information can be obtained at http://www.FreeSWITCH.org

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27634. USB-62B installed, but not reading frequency

Yahoo group: FT897 (2009)
Date: 2009-09-02 02:49:36 UTC
From: smc61
Topic: 27634 Message: 27634

I just installed the USB-62B CAT interface cable. HRD sees port 6, but is not reading frequency. Sorry, I'm a first time user of the HRD program. Is there something more I need to do?
Thanks for the help!

27635. CAT

Yahoo group: FT897 (2009)
Date: 2009-09-02 06:54:03 UTC
From: paulbutler.melbourne
Topic: 1436 Message: 27635

Hi, all.

I've just got a Yaesu CAT cable for my FT-897. Using Ham Radio Deluxe, the software finds the radio OK and takes control. But I'm getting a noise on the audio which swamps the signals (from satellites, so fairly weak). It sounds like it's chopping the audio about twice a second. When I untick the RX box on the Satellite page of HRD, the noise goes away.

Any ideas, anyone?

73

Paul VK3DBP
Melbourne

27636. Re: [FT897] CAT

Yahoo group: FT897 (2009)
Date: 2009-09-04 11:54:11 UTC
From: SQ9MLL Art
Topic: 1436 Message: 27636

I have the same effect :(
rgds
Arthur SQ9MLL
Loc: JO 90 OJ
Dnia 2 września 2009 8:54 "paulbutler.melbourne" <butlerpa@...> napisał(a):
 Hi, all.
I've just got a Yaesu CAT cable for my FT-897. Using Ham Radio Deluxe, the software finds the radio OK and takes control. But I'm getting a noise on the audio which swamps the signals (from satellites, so fairly weak). It sounds like it's chopping the audio about twice a second. When I untick the RX box on the Satellite page of HRD, the noise goes away. Any ideas, anyone?
73
Paul VK3DBP
Melbourne

--
161 RC 021 Art
www.Arthur.RedEye.dk

[Non-text portions of this message have been removed]

27637. Re: [FT897] CAT

Yahoo group: FT897 (2009)
Date: 2009-09-04 12:30:01 UTC
From: Trixter aka Bret McDanel
Topic: 1436 Message: 27637

On Wed, 2009-09-02 at 06:54 +0000, paulbutler.melbourne wrote:
>
> Hi, all.
>
> I've just got a Yaesu CAT cable for my FT-897. Using Ham Radio Deluxe,
> the software finds the radio OK and takes control. But I'm getting a
> noise on the audio which swamps the signals (from satellites, so
> fairly weak). It sounds like it's chopping the audio about twice a
> second. When I untick the RX box on the Satellite page of HRD, the
> noise goes away.

It could be that there is noise going through the serial ground to the radio. If you disconnect the serial port after tuning does the noise go away?

If so then you may have a bad cable (I have not experienced that with my CAT cable). I cannot understand how HRD itself could be causing this (knowing how it does what it does). I think it would be the CAT cable.

If I were to take a wild guess, I would say that your computer power supply (or perhaps something else) is generating the noise which is carried to your radio, possibly via the ground connection in the serial port.

kc2dwq

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27638. Re: [FT897] CAT

Yahoo group: FT897 (2009)
Date: 2009-09-04 16:03:09 UTC
From: James Brown
Topic: 1436 Message: 27638

I have the same problem and have noted that the range counter is screaming thru its numbers when this happens. I dont know the fix yet but I end up shutting down the software and using a different program. It seems to be random. I hope someone knows the answer!

Jim KI6WJ

--- On Fri, 9/4/09, Trixter aka Bret McDanel <trixter@...> wrote:

From: Trixter aka Bret McDanel <trixter@...>
Subject: Re: [FT897] CAT
To: FT897@yahoogroups.com
Date: Friday, September 4, 2009, 12:30 PM

On Wed, 2009-09-02 at 06:54 +0000, paulbutler.melbourn e wrote:
>
> Hi, all.
>
> I've just got a Yaesu CAT cable for my FT-897. Using Ham Radio Deluxe,
> the software finds the radio OK and takes control. But I'm getting a
> noise on the audio which swamps the signals (from satellites, so
> fairly weak). It sounds like it's chopping the audio about twice a
> second. When I untick the RX box on the Satellite page of HRD, the
> noise goes away.

It could be that there is noise going through the serial ground to the radio. If you disconnect the serial port after tuning does the noise go away?

If so then you may have a bad cable (I have not experienced that with my CAT cable). I cannot understand how HRD itself could be causing this (knowing how it does what it does). I think it would be the CAT cable.

If I were to take a wild guess, I would say that your computer power supply (or perhaps something else) is generating the noise which is carried to your radio, possibly via the ground connection in the serial port.

kc2dwq

>
--
Trixter http://www.0xdecafb ad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

27639. Re: CAT

Yahoo group: FT897 (2009)
Date: 2009-09-05 15:46:11 UTC
From: wabarron
Topic: 1436 Message: 27639

It's a function of baud rate as HRD polls the radio.
You won't hear the noise if you have set the 897 and HRD to 9600 baud or less.

Bill W1WAB

--- In FT897@yahoogroups.com, SQ9MLL Art <rc021@...> wrote:
>
> I have the same effect :(
> rgds
> Arthur SQ9MLL
> Loc: JO 90 OJ
> Dnia 2 wrzeÅ□nia 2009 8:54 "paulbutler.melbourne" butlerpa@... napisaÅ□(a):
> Â Hi, all.
> I've just got a Yaesu CAT cable for my FT-897. Using Ham Radio Deluxe, the software finds the radio OK and takes control. But I'm getting a noise on the audio which swamps the signals (from satellites, so fairly weak). It sounds like it's chopping the audio about twice a second. When I untick the RX box on the Satellite page of HRD, the noise goes away.
> Any ideas, anyone?
> 73
> Paul VK3DBP
> Melbourne
>
> --
> 161 RC 021 Art
> www.Arthur.RedEye.dk
>
> [Non-text portions of this message have been removed]
>

27640. FT-897 data out connector

Yahoo group: FT897 (2009)
Date: 2009-09-05 12:14:56 UTC
From: oziemike
Topic: 27640 Message: 27640

Is anybody familiar with the audio output from the data socket on the rear. I use an FT-897 as an IRLP node radio. As we run CTCSS it seems that rear data socket is unfiltered audio out(obviously for use in the data mode).

Does anybody know if both the 1200 & 9600 outputs are unfiltered? I need to try and strip the CTCSS before it heads off into the node.

Mike

27641. Re: [FT897] FT-897 data out connector

Yahoo group: FT897 (2009)
Date: 2009-09-05 20:15:37 UTC
From: Trixter aka Bret McDanel
Topic: 27640 Message: 27641

On Sat, 2009-09-05 at 12:14 +0000, oziemike wrote:
>
> Is anybody familiar with the audio output from the data socket on the
> rear. I use an FT-897 as an IRLP node radio. As we run CTCSS it seems
> that rear data socket is unfiltered audio out(obviously for use in the
> data mode).
>
> Does anybody know if both the 1200 & 9600 outputs are unfiltered? I
> need to try and strip the CTCSS before it heads off into the node.

9600 is not filtered, I made a $10 circuit for this if anyone is
interested. http://www.0xdecafbad.com/?p=144 schematics and pin
numbers are listed. I am writing echolink node software for freeswitch
now and will be starting on irlp soon after. This will use that
circuit, which is a fairly standard serial connection.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27642. FT-897 for sale with acc

Yahoo group: FT897 (2009)
Date: 2009-09-05 21:38:53 UTC
From: tenorman1952
Topic: 27642 Message: 27642

I've got a nice FT-897 (not the D) for sale, with LDG AT-897 installed, FP-30b power supply (the newer no noise one) installed, and a few asst cables/jumpers. Also a power cable Molex 6 pin to Anderson Power Poles for battery operation. Everything works.

ALSO installed, BHI Inc 1061 DSP module. The button for the DSP is intalled in place of the A/B battery rocker switch. I never intended to use the internal battery feature. This DSP is very much superior to the one in the 897. I'll throw in an external speaker, too,

Two MH-31 mics.

I do not have the original box, but do have the manual. I have a pdf manual for the LDG tuner, and will put that on CD along with pdf manuals for the FT-897. Have the manual for the BHI DSP.

Asking $750 which includes shipping within the US lower 48.

Paul
AE5JU

27643. LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-05 22:22:26 UTC
From: N4CQR
Topic: 27643 Message: 27643

I just noticed that for what ever reasion my 897D sounds nasal (tight shorts syndrom) on LSB.(40/75/80M) The only way it sounds normal is to set menu option, 015 [CAR LSB R] to 300Hz rather than 0. Done a reset and I am at the same point...

FWIT, USB set at zero Hz, (14mHz and up) sounds fine.

What am I missing to too dumb to understand?

73 Craig N4CQR

27644. Re: FT-897 for sale with acc - SOLD!

Yahoo group: FT897 (2009)
Date: 2009-09-05 23:36:51 UTC
From: tenorman1952
Topic: 27642 Message: 27644

--- In FT897@yahoogroups.com, "tenorman1952" <tenorman1952@...> wrote:
>
> I've got a nice FT-897 (not the D) for sale, with LDG AT-897 installed,

Sold!

73

Paul - AE5JU

27645. Re: [FT897] FT-897 data out connector

Yahoo group: FT897 (2009)
Date: 2009-09-06 00:06:33 UTC
From: Thomas Wilson
Topic: 27640 Message: 27645

The 1200 line IS filtered, but only if you activate the DSP band pass filter
and set the HPF to something like 300 Hz.

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Sat, Sep 5, 2009 at 1:15 PM, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> On Sat, 2009-09-05 at 12:14 +0000, oziemike wrote:
> >
> > Is anybody familiar with the audio output from the data socket on the
> > rear. I use an FT-897 as an IRLP node radio. As we run CTCSS it seems
> > that rear data socket is unfiltered audio out(obviously for use in the
> > data mode).
> >
> > Does anybody know if both the 1200 & 9600 outputs are unfiltered? I
> > need to try and strip the CTCSS before it heads off into the node.
>
>

[Non-text portions of this message have been removed]

27646. Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 16:05:13 UTC
From: w1aex
Topic: 27643 Message: 27646

Hi Craig,

Any chance that the passband tuning function is enabled, indicated by upward or downward arrows on the right side of the frequency display? If so, it can certainly give you the symptom you are describing and can be altered by turning the clarifier knob. If PBT is not enabled then it's possible that the service menu setting for LSB-CAR-POINT is not correctly adjusted. If that is the case, I would urge you not to adjust it without first backing up all of your rig's unique service menu settings and examining page 20 (Carrier Point Adjustment) of the service manual.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> I just noticed that for what ever reasion my 897D sounds nasal (tight shorts syndrom) on LSB.(40/75/80M) The only way it sounds normal is to set menu option, 015 [CAR LSB R] to 300Hz rather than 0. Done a reset and I am at the same point...
>
> FWIT, USB set at zero Hz, (14mHz and up) sounds fine.
>
> What am I missing to too dumb to understand?
>
> 73 Craig N4CQR
>

27647. Re: [FT897] Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 17:09:16 UTC
From: N4CQR
Topic: 27643 Message: 27647

No, everytthing is set to default. Actually this radio was recently gone over by Yaesu for the, somewhat popular, filter issue.

This may a normal thing for this radio. I have never had it on SSB until recently. I did do a reset but no diference. The only thing that makes it even close to listenable, on LSB, is setting menu option 015 (CAR LSB R) to +250 or so Hz.

Thanks for the reply,

Craig

--- On Sun, 9/6/09, w1aex <w1aex.fn31@...> wrote:

> From: w1aex <w1aex.fn31@...>
> Any chance that the passband tuning function is enabled,
> indicated by upward or downward arrows on the right side of
> the frequency display? If so, it can certainly give you the
> symptom you are describing and can be altered by turning the
> clarifier knob.

27648. Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 17:46:01 UTC
From: w1aex
Topic: 27643 Message: 27648

Hi Craig,

I think what you are seeing is not all that unusual for this radio, but it is not normal. My own 897D exhibited the same behavior you are describing with the factory service menu settings. It was most easily illustrated by listening to an empty frequency and then switching from USB to LSB to observe that the background noise sounded very different. One sideband exhibited a very high pitched response while the other sounded much fuller. When adjusted correctly, USB and LSB should sound exactly the same. The problem was easily corrected by correctly aligning the carrier set point (067 and 068 in the hidden service menu) for each sideband as described in the service manual. Note that doing a reset does not correct those values. You can compensate on receive by using the 015/017 carrier offset settings in the user menu, but keep in mind that if the service menu settings are incorrect, your transmit carrier insertion point is also off. Unfortunately, through the years a fair number of these rigs rolled off the assembly line with less than optimal service menu settings.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> No, everytthing is set to default. Actually this radio was recently gone over by Yaesu for the, somewhat popular, filter issue.
>
> This may a normal thing for this radio. I have never had it on SSB until recently. I did do a reset but no diference. The only thing that makes it even close to listenable, on LSB, is setting menu option 015 (CAR LSB R) to +250 or so Hz.
>
> Thanks for the reply,
>
> Craig
>

27649. Re: [FT897] Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 19:53:34 UTC
From: N4CQR
Topic: 27643 Message: 27649

Good info!

Here are the OEM Settings:

067 = -25 (LSB)
068 = -15 (USB)

<CHANGED TO>

067 = +15 (LSB)
068 = -15 (USB)

Now when switching between USB and LSB there is a little if any difference.
Since USB sounded fine, I figured I'd try the oposite for LSB. Seems logical anyway.

I'd be interested in know what the ->correct<- settings or normal settings, if there is such a thing, should be.

Thanks for the help!

Now, tell me if did bad?

Craig
> From: w1aex <w1aex.fn31@...>
> One sideband exhibited a very high pitched response while
> the other sounded much fuller. When adjusted correctly, USB
> and LSB should sound exactly the same. The problem was
> easily corrected by correctly aligning the carrier set point
> (067 and 068 in the hidden service menu) for each sideband
> as described in the service manual. Note that doing a reset
> does not correct those values. You can compensate on receive
> by using the 015/017 carrier offset settings in the user
> menu, but keep in mind that if the service menu settings are
> incorrect, your transmit carrier insertion point is also
> off. Unfortunately, through the years a fair number of these
> rigs rolled off the assembly line with less than optimal
> service menu settings.

27650. Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 21:17:49 UTC
From: w1aex
Topic: 27643 Message: 27650

If one of the sidebands seemed to be fine, and you "equalized" the one that seemed off to behave like the other sideband, then you did what most people do and it should be fine. Each radio has its own unique settings for each of the 74 items, but your question is one that is often asked. Several years ago, Jochen, DG2IAQ collected service menu settings from 16 users, and the average setting based upon their data was:

067 = -7 (LSB)
068 = +3 (USB)

The actual OEM data for 067 ranged from -3 to -23. For what it's worth, your setting of -25 is outside the range of all the collected data on Jochen's spreadsheet. Again, this means nothing since each rig is unique, but it supports what you were hearing and that your rig's 067 alignment was probably out of whack.

My OEM settings were:

067 = -8 (LSB)
068 = +3 (USB)

In my case, it was necessary to change 067 to a value of +14 to place the LSB insertion point into the correct area of the passband, which is very similar to where you ended up.

You should be on the mark now!

73,

Rob W1AEX

>
> I'd be interested in know what the ->correct<- settings or normal settings, if there is such a thing, should be.
>
> Thanks for the help!
>
> Now, tell me if did bad?
>

27651. Re: [FT897] Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 21:39:03 UTC
From: N4CQR
Topic: 27643 Message: 27651

Rob, many thanks for the help! Perhaps this will too will help someone else. Operating CW, these things rarely are noticed. I just took a notion to listen to 75M one night and there it was. Who knows, it may have been right out of the box and something got changed when Yaesu repaired the radio. (excellent repair turnaround BTW, shipped on a Monday 3-day Select and received it back the following Monday!)

Thanks for all your help. I'll try to help someone else in return.

Have a good Labor (Labour) day and best 73

Craig

> From: w1aex <w1aex.fn31@...>
> If one of the sidebands seemed to be
> fine, and you "equalized" the one that seemed off to behave
> like the other sideband, then you did what most people do
> and it should be fine. Each radio has its own unique
> settings for each of the 74 items, but your question is one
> that is often asked. Several years ago, Jochen, DG2IAQ
> collected service menu settings from 16 users, and the
> average setting based upon their data was:
>
> 067 = -7 (LSB)
> 068 = +3 (USB)
>
> The actual OEM data for 067 ranged from -3 to -23. For what
> it's worth, your setting of -25 is outside the range of all
> the collected data on Jochen's spreadsheet. Again, this
> means nothing since each rig is unique, but it supports what
> you were hearing and that your rig's 067 alignment was
> probably out of whack.
>
> My OEM settings were:
>
> 067 = -8 (LSB)
> 068 = +3 (USB)
>
> In my case, it was necessary to change 067 to a value of
> +14 to place the LSB insertion point into the correct area
> of the passband, which is very similar to where you ended
> up.
>
> You should be on the mark now!
>
> 73,
>

> Rob W1AEX

27652. Re: LSB Sounds Nasally (tight shorts)

Yahoo group: FT897 (2009)
Date: 2009-09-06 22:15:40 UTC
From: w1aex
Topic: 27643 Message: 27652

Very glad to help Craig, and I'm glad you were able to set it to your satisfaction. The service menu settings in the 857/897 series of rigs appear in some installations to be susceptible to corruption from such things as RF feedback, power supply transients, and static discharges. It is very advisable to make a complete record of the 74 service menu factory settings to allow a new user to return their rig to those values should disaster happen. Unfortunately, those factory settings can be somewhat "off" right out of the box! Your rig and mine probably fell into that category. At any rate, when properly adjusted, these rigs give a lot of bang for the buck.

Have a nice Labor Day!

73,

Rob W1AEX

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> Thanks for all your help. I'll try to help someone else in return.
>
> Have a good Labor (Labour) day and best 73
>

27653. FS Yaesu FC-30 Automatic Antenna tuner

Yahoo group: FT897 (2009)
Date: 2009-09-07 01:26:25 UTC
From: nlt6565
Topic: 27653 Message: 27653

Like new, working fine, Don't need it working mobile w/screwdriver antenna.. w/cables...
US$125.00 +shipping
Best 73
Garland, K5VY
Bryan, Texas 77805

27654. MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-07 19:38:40 UTC
From: rrkpl
Topic: 27654 Message: 27654

Some years ago I had a FT-897D with a MH59 Mic. Though I loved the remote functions when I operated portable with a less than ideal antenna the mic was VERY susceptible to RF making it kind of useless. I called Yaesu at that time and they admitted that was a problem with the MH59.

I just recently acquired a 897D and was wondering if there was any improvement in RF susceptibility in the MH59 over the years that would warrant buying it.

Thanks,

Richard / W4RRR

27655. Re: [FT897] MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-07 19:47:16 UTC
From: Trixter aka Bret McDanel
Topic: 27654 Message: 27655

On Mon, 2009-09-07 at 19:38 +0000, rrkpl wrote:
>
> I just recently acquired a 897D and was wondering if there was any
> improvement in RF susceptibility in the MH59 over the years that would
> warrant buying it.

I have a similar setup, and have not noticed any problems, although I do not have a bad antenna. The worst antenna that I have is a bit of wire with a Z11pro tuner. I have not noticed anything even at higher Tx levels.

What frequencies was it most problematic at? I can run some tests and see if the current equipment has similar problems. The more information that you can provide on what the problem is and when it occurs the more I would be able to test it.

My radio is October 2008, and my mic appears to be the same assuming they use the same coding for its manufacture date in the serial number.

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27656. Re: MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-07 20:08:12 UTC
From: rrkpl
Topic: 27654 Message: 27656

Thanks for the reply. The problems I experienced with the mic were usually at frequencies where the tuner had to work for a match with an non-resonant antenna. I used a SGC 211 tuner and a loop (tuner at antenna with coax feed) put up in nearby branches ... and lower frequencies tended to cause RF feedback in SSB audio that would be eliminated by replacing with the stock MH-31 mic. QRP to 20 Watts mostly ok but 75-100 watts it showed up most.

Thanks,

Richard / W4RRR

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Mon, 2009-09-07 at 19:38 +0000, rrkpl wrote:
> >
> > I just recently acquired a 897D and was wondering if there was any
> > improvement in RF susceptibility in the MH59 over the years that would
> > warrant buying it.
>
>
> I have a similar setup, and have not noticed any problems, although I do
> not have a bad antenna. The worst antenna that I have is a bit of wire
> with a Z11pro tuner. I have not noticed anything even at higher Tx
> levels.
>
> What frequencies was it most problematic at? I can run some tests and
> see if the current equipment has similar problems. The more information
> that you can provide on what the problem is and when it occurs the more
> I would be able to test it.
>
> My radio is October 2008, and my mic appears to be the same assuming
> they use the same coding for its manufacture date in the serial number.
>
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27657. Re: [FT897] Re: MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-07 20:26:03 UTC
From: Trixter aka Bret McDanel
Topic: 27654 Message: 27657

On Mon, 2009-09-07 at 20:08 +0000, rrkpl wrote:
>
> Thanks for the reply. The problems I experienced with the mic were
> usually at frequencies where the tuner had to work for a match with an
> non-resonant antenna. I used a SGC 211 tuner and a loop (tuner at
> antenna with coax feed) put up in nearby branches ... and lower
> frequencies tended to cause RF feedback in SSB audio that would be
> eliminated by replacing with the stock MH-31 mic. QRP to 20 Watts
> mostly ok but 75-100 watts it showed up most.
>

I will try to replicate this at some point, probably later today. I
have yet to find a place my tuner has to work hard to find a match
though so I may not be the best candidate.

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27658. Battery LEDs light faint red

Yahoo group: FT897 (2009)
Date: 2009-09-08 12:53:56 UTC
From: scot@scotjones.co.uk
Topic: 27658 Message: 27658

Hi All

I've noticed an issue on my FT897 in that when I transmit on 6M the battery leds glow dimly in red.

Could this be a sympton of RF back into the radio? the reason I ask is that ive installed a new 6m antenna and ive only noticed it since then (oh and the nights are darker here now aswell is also highlighting it)

SWR at the radio is fine as its connected via an ATU and at the antenna its only a bout 1.2 anyway.

Any help appreciated.

de M1AFY

[Non-text portions of this message have been removed]

27659. Re: [FT897] Battery LEDs light faint red

Yahoo group: FT897 (2009)
Date: 2009-09-08 14:03:24 UTC
From: DavidN
Topic: 27658 Message: 27659

If the SWR is only 1.2:1 I'd try connecting the ae. direct to the set to see if the problem goes away. Also, do you have a thick earth strap connected to the earth point on the back of the set?

I run 6m mobile with a 5/8 wave mag mount and the SWR is 1.2:1 also with no problem. With or without the earth strap to the car (I used UR67 braid, flattened) my battery lights do not glow - no batteries installed BTW.

David G4TUP.

On Tue, Sep 8, 2009 at 1:53 PM, scot@...
<scot@...>wrote:

>
>
>
> Hi All
>
> I've noticed an issue on my FT897 in that when I transmit on 6M the battery
>
> leds glow dimly in red.
>
> Could this be a sympton of RF back into the radio? the reason I ask is
> that ive installed a new 6m antenna and ive only noticed it since then (oh
> and the nights are darker here now aswell is also highlighting it)
>
> SWR at the radio is fine as its connected via an ATU and at the antenna its
>
> only a bout 1.2 anyway.
>
> Any help appreciated.
>
> de M1AFY
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27660. japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-09 01:50:08 UTC
From: Trixter aka Bret McDanel
Topic: 27660 Message: 27660

I am looking for a japanese pdf manual for the 897, or at least an image from it that shows the character set. I was playing around today mapping out a bit more memory on my radio, and I discovered that the kanji character set is there, although its undocumented and not directly available from the regular menus.

Basically if you wanted to have memory tags with kanji on the US variant you can, although you have to directly write to the memory instead of indirectly writing to it via the menu controls. I wanted to list these, but I dont have images handy of the different characters.

So if someone could provide me with a screenshot of the pdf opened to that page (100% zoom please) or the pdf manual I would appreciate it. I checked the files section and there does not seem to be a japanese manual uploaded yet.

Thanks,

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27661. Odd MD100 mic troubles or what???

Yahoo group: FT897 (2009)
Date: 2009-09-09 14:03:45 UTC
From: kc9aop
Topic: 27661 Message: 27661

Hi everyone,

I've had my radio for just a few weeks now. Yesterday I went to use it and found that nothing happened when I keyed the MD100 mic. Of course I was not pleased and tried to use the tuning ring on the mic and the lock and the switch on the mic handle itself and nothing seemed to work.

I plugged the MH59 in and the radio worked just fine. I then tried the MD100 and it worked too... I'm now confused but the radio seems to be fine.

Is there something with the radio or the mic that I don't understand???
Any thoughts?

'73 Jim - KC9AOP

27662. RE: [FT897] Odd MD100 mic troubles or what???

Yahoo group: FT897 (2009)
Date: 2009-09-09 14:51:53 UTC
From: D. F.
Topic: 27661 Message: 27662

Is there a setting in the menu for which mic you are using. I know there is a menu item for it but do not know if the MD100 is in that list. Check it and let us know.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kc9aop
Sent: Wednesday, September 09, 2009 09:04
To: FT897@yahoogroups.com
Subject: [FT897] Odd MD100 mic troubles or what???

Hi everyone,

I've had my radio for just a few weeks now. Yesterday I went to use it and found that nothing happened when I keyed the MD100 mic. Of course I was not pleased and tried to use the tuning ring on the mic and the lock and the switch on the mic handle itself and nothing seemed to work.

I plugged the MH59 in and the radio worked just fine. I then tried the MD100 and it worked too... I'm now confused but the radio seems to be fine.

Is there something with the radio or the mic that I don't understand??? Any thoughts?

'73 Jim - KC9AOP

[Non-text portions of this message have been removed]

27663. Re: [FT897] Odd MD100 mic troubles or what???

Yahoo group: FT897 (2009)
Date: 2009-09-09 16:19:42 UTC
From: P Grant
Topic: 27661 Message: 27663

Hello Jim

I see you have found the biggest fault associated with the FT897 series of radio... The modular mike plug.... it seems to have a mind of its own.

I also discovered this fault some time after fitting the MD100, desk mike.

When I switched back to the fist mike,,, all was OK,,, like you I tried the MD100 again later,,, and found that the fault seems to be the socket which is part of the front panel of the radio.

It is a complete nuisance as even if you are using the lock facility on the MD100,,, the slightest wind or hand movement will disconnect, your PTT, and the other person in QSO with you will be heard coming back,,,, as he thinks you have finished your over !!!

I have tried switching over to new broadband leads,,,same connector,,, but no joy,,, funny thing the fist mike works all right ???

If anyone has an easy fix, or an optional wiring,,, perhaps a foot switch would work ???

Thanks in advance _____ Peter EI4HX
----- Original Message -----
From: kc9aop
To: FT897@yahoogroups.com
Sent: Wednesday, September 09, 2009 2:03 PM
Subject: [FT897] Odd MD100 mic troubles or what???

Hi everyone,

I've had my radio for just a few weeks now. Yesterday I went to use it
and found that nothing happened when I keyed the MD100 mic. Of course I
was not pleased and tried to use the tuning ring on the mic and the lock
and the switch on the mic handle itself and nothing seemed to work.

I plugged the MH59 in and the radio worked just fine. I then tried the
MD100 and it worked too... I'm now confused but the radio seems to be
fine.

Is there something with the radio or the mic that I don't understand???
Any thoughts?

'73 Jim - KC9AOP

[Non-text portions of this message have been removed]

27664. Re: MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-09 17:49:37 UTC
From: w1aex
Topic: 27654 Message: 27664

As far as I know Yaesu has not corrected this very commonly reported issue in the current version of the MH-59 microphone. Several users in this group, however, came up with a simple solution which is illustrated nicely by the brief article named "MH 59 WITH TOROID COIL.doc" (117kb) in the files section.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
> I just recently acquired a 897D and was wondering if there was any improvement in RF susceptibility in the MH59 over the years that would warrant buying it.
>
> Thanks,
>
> Richard / W4RRR

27665. Re: MH59 Mic Question

Yahoo group: FT897 (2009)
Date: 2009-09-09 17:59:09 UTC
From: w1aex
Topic: 27654 Message: 27665

Richard,

Just a quick follow-up in the event that you do not have "Word" or "Open Office" installed to read document files. Dean Gibson's article on this fix is still available on his web site at:

http://www.ae7q.net/doc/public/MH-59.php

A torroid using mix-43 (1-1000 MHz) would work very well in this application. They are available from many vendors, such as Palomar, online.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "rrkpl" <rrkpl@...> wrote:
>
> I just recently acquired a 897D and was wondering if there was any improvement in RF susceptibility in the MH59 over the years that would warrant buying it.
>
> Thanks,
>
> Richard / W4RRR
>

27666. Re: Odd MD100 mic troubles or what???

Yahoo group: FT897 (2009)
Date: 2009-09-09 15:22:09 UTC
From: w3alr
Topic: 27661 Message: 27666

Sounds to me to be the modular plug on the microphone cable was a little dirty. They make the worst microphone connector around..

Just my two cents.. hihi

Skip W3ALR

--- In FT897@yahoogroups.com, "kc9aop" <KC9AOP@...> wrote:
>
>
> Hi everyone,
>
> I've had my radio for just a few weeks now. Yesterday I went to use it
> and found that nothing happened when I keyed the MD100 mic. Of course I
> was not pleased and tried to use the tuning ring on the mic and the lock
> and the switch on the mic handle itself and nothing seemed to work.
>
> I plugged the MH59 in and the radio worked just fine. I then tried the
> MD100 and it worked too... I'm now confused but the radio seems to be
> fine.
>
> Is there something with the radio or the mic that I don't understand???
> Any thoughts?
>
> '73 Jim - KC9AOP
>

27667. Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 14:32:33 UTC
From: notehead12
Topic: 27667 Message: 27667

Hello, I'm wondering does it matter how close, or far, the power supply is from my radio. Some people have told me to place the power supply as far from the radio as possible, while others have told me the opposite, that it should be as close as possible. I'm a relatively new Ham with alot to learn! Thanks in advance to all who respond. It's very much appreciated. Doug, KB1QJK

27668. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 19:38:37 UTC
From: Charles Scott
Topic: 27667 Message: 27668

KB1QJK:

Perhaps two competing interests here. One is to keep noise and such that may be generated by the supply away from the radio. The other is the voltage drop from longer DC cabling.

I would think that with most modern supplies and equipment there's minimal concern about noise from the supply getting directly into the radio equipment, and as the 20 Amps or so that many radios take is significant current, I at least don't think it makes sense to extend any DC power cables to get the supply farther away from the radio.

Noise from the supply getting radiated and picked up by your antenna may be a different matter. Some power supplies do generate noise that, while it may not get coupled directly into the radio because of the rig's shielding, it may be radiated from the AC or DC power cables and be picked up by the antenna. That again is probably a reason to not add length to the DC power cable, but that can also be dealt with using RF chokes on both power cables.

The last consideration is related to lightning and power safety. If there's any chance of having an antenna be hit, or there being a nearby lightning strike, then you need to look at your station configuration from that perspective also.

So, in general I'd have to say that there should not be any real concerns about locating the power supply near the radio. Overall station design related to all safety, equipment protection, and RF factors may be something to consider, however.

Chuck - N8DNX

notehead12 wrote:
> Hello, I'm wondering does it matter how close, or far, the power supply is from my radio. Some people have told me to place the power supply as far from the radio as possible, while others have told me the opposite, that it should be as close as possible. I'm a relatively new Ham with alot to learn! Thanks in advance to all who respond. It's very much appreciated. Doug, KB1QJK
>
>

27669. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 19:45:08 UTC
From: Thomas Wilson
Topic: 27667 Message: 27669

The chief reason to keep the power supply close is that it keeps the power leads short. This radio can draw more than 20 amps, and at 12-14 volts, even a few feet of power cord can drop the voltage significantly. The reason to keep the power supply further away is to keep the supply from causing interference in the radio.

However, if you have a good power supply, noise won't be an issue, and you can certainly use the full length of wire that came with the radio without any problems due to wire resistance.

Just my two cents.
-Tom KI6ABZ

Tom Wilson
wilsontp@...
(619)212-6311
KI6ABZ

On Wed, Sep 9, 2009 at 7:32 AM, notehead12 <dougyaeger@...> wrote:

>
>
> Hello, I'm wondering does it matter how close, or far, the power supply is
> from my radio. Some people have told me to place the power supply as far
> from the radio as possible, while others have told me the opposite, that it
> should be as close as possible. I'm a relatively new Ham with alot to learn!
> Thanks in advance to all who respond. It's very much appreciated. Doug,
> KB1QJK
>
>
>

[Non-text portions of this message have been removed]

27670. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 21:56:23 UTC
From: Geoff Blake
Topic: 27667 Message: 27670

On Wed, 9 Sep 2009, Thomas Wilson wrote:

> The chief reason to keep the power supply close is that it keeps the power
> leads short. This radio can draw more than 20 amps, and at 12-14 volts, even
> a few feet of power cord can drop the voltage significantly. The reason to
> keep the power supply further away is to keep the supply from causing
> interference in the radio.

I have to take issue with this, shorter leads will radiate less
efficiently than longer leads, thus causing less interference.
Similarly, the shorter leads will pick up less RF when transmitting,
this, in both cases, providing other things remain the same.

> However, if you have a good power supply, noise won't be an issue, and
> you can certainly use the full length of wire that came with the radio
> without any problems due to wire resistance.

If you have a "good" power supply, it will have seperate sense and load
terminals. If wired correctly, this will take the lead resistance out on
the equation, allowing a reasonable length of cable to be used.

> Just my two cents.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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27671. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 22:36:40 UTC
From: Trixter aka Bret McDanel
Topic: 27667 Message: 27671

On Wed, 2009-09-09 at 22:56 +0100, Geoff Blake wrote:
>
> I have to take issue with this, shorter leads will radiate less
> efficiently than longer leads, thus causing less interference.
> Similarly, the shorter leads will pick up less RF when transmitting,
> this, in both cases, providing other things remain the same.
>
They also generate less distortion and harmonics if AC, although most
radios are fed by DC so that is less an issue. And generally you only
see problems that way, which lowers RMS if you are talking about longer
than normal runs.

> If you have a "good" power supply

That also may be where experiences are different, not all power supplies
are equal. Some people may have had a bad experience with an older
supply or a cheaper one (cheaper technically not financially) and have
had their opinions tainted as a result. Then there is also proper
grounding of it, something many do not always do, and in some
circumstances is difficult at best to get a good ground (like in an
apartment).
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27672. S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 05:07:57 UTC
From: roadtoscituate
Topic: 27672 Message: 27672

The s-meter indicates S++ for strong signals that I hear over S9. Since there is no linear scale for a strong signal measurement above 10dB over s9, where on the scale would an s meter reading of 20dB fall. And, what is full scale, 40 or 60dB?
Thanks,
Ron
n6paa

27673. Re: [FT897] S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 10:23:49 UTC
From: Carl Wulfestieg
Topic: 27672 Message: 27673

Ron-

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "FILES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT Electronics http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

27674. Re: [FT897] S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 10:52:26 UTC
From: DavidN
Topic: 27672 Message: 27674

Thanks for the pointer to message 5278, but I just wonder if anyone has done further tests on the S-meter's last two 'ticks' values - the original author thinks these are S9+10 and S9+20db. After working a contest last weekend I feel the values are higher. Also, as the author does confirm that the scale is linear, so between each S-point is 6db, the distance to the first tick after S9 suggests it's higher than S9+10db. Same with the second tick. Anyone done any serious tests with this?

David G4TUP.

On Thu, Sep 10, 2009 at 11:23 AM, Carl Wulfestieg <ag4ls@...> wrote:

>
>
> Ron-
>
> FT-897 Bar Display Explanation
>
> Sign in to the FT-897 Yahoo Group
> Click on "FILES"
> Search for Message 5278 - You'll find more than you ever wanted to know!
>
> I forgot to mention the really simple answer. Go to W4RT Electronics
> http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent)
> and plug it in. Done! It has a very good numerically scaled back-lit dial.
> (you'll need an external 12 vdc 60 ma source for the illumination) (I
> modified a junk box 12 vdc wall wart).
>
> Good Luck
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27675. Re: [FT897] S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 11:47:45 UTC
From: Carl Wulfestieg
Topic: 27672 Message: 27675

David-
Suggestion: Buy the FT-897 Meter. "S9+10 and S9+20db" are marked very clearly on this analog meter. No more guessing. Just read the value from the meter.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

27676. RE: [FT897] S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 12:49:16 UTC
From: Chet S
Topic: 27672 Message: 27676

I think the 897's S-meter is quite generous.

From the ARRL expanded test reports for what produces an S9 meter reading on 20M:

FT897: 16 uv
TenTec Orion: 135 uv
Yaesu Ft1000MP: 335 uv

73
Chet, N8RA

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of DavidN
Sent: Thursday, September 10, 2009 6:52 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] S meter Signal Strength

Thanks for the pointer to message 5278, but I just wonder if anyone has done further tests on the S-meter's last two 'ticks' values - the original author thinks these are S9+10 and S9+20db. After working a contest last weekend I feel the values are higher. Also, as the author does confirm that the scale is linear, so between each S-point is 6db, the distance to the first tick after S9 suggests it's higher than S9+10db. Same with the second tick. Anyone done any serious tests with this?

David G4TUP.

On Thu, Sep 10, 2009 at 11:23 AM, Carl Wulfestieg <ag4ls@comcast. <mailto:ag4ls%40comcast.net> net> wrote:

>
>
> Ron-
>
> FT-897 Bar Display Explanation
>
> Sign in to the FT-897 Yahoo Group
> Click on "FILES"
> Search for Message 5278 - You'll find more than you ever wanted to know!
>
> I forgot to mention the really simple answer. Go to W4RT Electronics
> http://www.w4wb. <http://www.w4wb.com/index.htm> com/index.htm , buy an FT-Meter (best $45 I ever spent)
> and plug it in. Done! It has a very good numerically scaled back-lit dial.

> (you'll need an external 12 vdc 60 ma source for the illumination) (I
> modified a junk box 12 vdc wall wart).
>
> Good Luck
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27677. Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 15:34:41 UTC
From: g8hul
Topic: 27672 Message: 27677

--- In FT897@yahoogroups.com, DavidN <david@...> wrote:
>
> Thanks for the pointer to message 5278, but I just wonder if anyone has done
> further tests on the S-meter's last two 'ticks' values - the original author
> thinks these are S9+10 and S9+20db. After working a contest last weekend I
> feel the values are higher. Also, as the author does confirm that the scale
> is linear, so between each S-point is 6db, the distance to the first tick
> after S9 suggests it's higher than S9+10db. Same with the second tick.
> Anyone done any serious tests with this?
>
> David G4TUP.
>

The S meter on the 897 is very nonlinear and very
arbitary.

Here are some results om 80m I took recently:

The steps between readings are as follows:

S1 -2 1dB
S2-3 1dB
S3-4 0.5dB
S4-5 1dB
S5-6 2dB
S6-7 6dB
S7-8 8dB
S8-9 7dB
s9 -+10 16dB
+10-+20 20dB

There is no consistant step between 'blocks', and you can see that the step from 9 to '+' is 16dB and from '+' to '++' is 20 dB. The meter readings also change from band to band, are of course affected by whether the attenuator and preamp are turned on or not.

So basically the S meter is only an arbitary indication and cannot be relied upon to give anything other than comparative readings.

73
Jeff
G8HUL

27678. md-100 issues

Yahoo group: FT897 (2009)
Date: 2009-09-10 16:55:01 UTC
From: alphaindia4oscartango
Topic: 27678 Message: 27678

i got one of these mikes a year or so ago and experience problems with the ptt lock button. a friend also has the same problems. but it seems organic because for the last six months or so, no problems whatsoever. but earlier this year i had lots of problems. i didn't do anything to "solve" the problem, because it simply resolved itself? i don't know what i sound like, but i'm not very impressed with this aspect of the mic's operation. i use the mic mostly for daily 2meter activity (and once a week for a hf net) but wouldn't recommend it. it "matches" (visually and electrically) the ft-897 to which it is attached, and for those reasons i have it. 73 de charles ai4ot

27679. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 17:19:22 UTC
From: DavidN
Topic: 27672 Message: 27679

Thanks Jeff. Yes, in the contest I did give up with the S-meter and used my ears for reports :) Much more reliable :)

David G4TUP.

On Thu, 10 Sep 2009 at 4:34 PM, g8hul <g8hul@...> wrote:

>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, DavidN <david@...>
> wrote:
> >
> > Thanks for the pointer to message 5278, but I just wonder if anyone has
> done
> > further tests on the S-meter's last two 'ticks' values - the original
> author
> > thinks these are S9+10 and S9+20db. After working a contest last weekend
> I
> > feel the values are higher. Also, as the author does confirm that the
> scale
> > is linear, so between each S-point is 6db, the distance to the first tick
> > after S9 suggests it's higher than S9+10db. Same with the second tick.
> > Anyone done any serious tests with this?
> >
> > David G4TUP.
> >
>
> The S meter on the 897 is very nonlinear and very
> arbitary.
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> Here are some results om 80m I took recently:
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> The steps between readings are as follows:
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> S1 -2 1dB
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> S3-4 0.5dB
> S4-5 1dB
> S5-6 2dB
> S6-7 6dB
> S7-8 8dB
> S8-9 7dB
> s9 -+10 16dB
> +10-+20 20dB
>
> There is no consistant step between 'blocks', and you can see that the step

> from 9 to '+' is 16dB and from '+' to '++' is 20 dB. The meter readings also
> change from band to band, are of course affected by whether the attenuator
> and preamp are turned on or not.
>
> So basically the S meter is only an arbitary indication and cannot be
> relied upon to give anything other than comparative readings.
>
> 73
> Jeff
> G8HUL
>
>
>

[Non-text portions of this message have been removed]

27680. Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 00:10:55 UTC
From: rrkpl
Topic: 27672 Message: 27680

Was wondering. Is the LDG FT Meter for the 897 as inaccurate (uses the same parameters as the internal bar meter) or is it more realistic.

Richard / W4RRR

27681. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 00:25:22 UTC
From: Mike Rhodes
Topic: 27672 Message: 27681

Maybe I'm just getting (more) dense in my old age but I am having trouble coming up with a good reason to give a *&!# what the S-Meter reads, be it the internal bar graph or the external analog meter.
It has been shown that it is a very arbitrary reading that changes with, at a minimum, band changes and quite possibly with even minor frequency excursions. The variability of the output signal is going to remain the same, no matter what you use to read or interpret it. It has also been shown that three different rigs will give three different indications of signal strength.
Realistically, the only practical use for the S-meter would be for peaking the direction of a beam antenna and in that instance, the analog meter will be much easier to interpret.

Back in my hole,
Mike / W8DN

27682. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 01:36:12 UTC
From: DENNIS SMITH
Topic: 27672 Message: 27682

RICHARD The ft meter is a accurate as the bar and possibly more so. i have the ft meter but you should get a ldg FTL meter. They are much better and a whole lot easier to see. Its a huge meter
Dennis w5vaf

--- On Thu, 9/10/09, rrkpl <rrkpl@...> wrote:

From: rrkpl <rrkpl@yahoo.com>
Subject: [FT897] Re: S meter Signal Strength
To: FT897@...m
Date: Thursday, September 10, 2009, 7:10 PM

Was wondering. Is the LDG FT Meter for the 897 as inaccurate (uses the same parameters as the internal bar meter) or is it more realistic.

Richard / W4RRR

[Non-text portions of this message have been removed]

27683. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 02:04:55 UTC
From: eric@van-de-weyer.org
Topic: 27672 Message: 27683

Hi Mike,

I tend to agree with you and normally only look at the meter to get anides of the signal strength or to see how much noise is in the background.

Having said that, I did, years ago, have a 2M FM rig, an ex-commercial valve unit, to which I added an S meter myself and then calibrated it in uV at the antenna socket. It was excellent for giving comparative tests to others for instance one time I was talking to a mate who was on top of a mountain about 300km away and he dropped his power from 120W to 10 W and I was able to tell him exactly by how much he had dropped from the meter.

Most of the time, however, I give reports from the overall sound and quality of the signal, like the days before meters were prevalent, not from some arbitrary meter on the radio which I haven't calibrated myself.

73....Eric VK2VE

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Mike Rhodes <w8dn@...>
>Date: Thu, 10 Sep 2009 20:25:22 -0400
>Subject: Re: [FT897] Re: S meter Signal Strength
>Reply-To: FT897@yahoogroups.com
>
>
> Maybe I'm just getting (more) dense in my old age but I am having
>trouble coming up with a good reason to give a *&!# what the S-Meter
>reads, be it the internal bar graph or the external analog meter.
> It has been shown that it is a very arbitrary reading that changes
>with, at a minimum, band changes and quite possibly with even minor
>frequency excursions. The variability of the output signal is going to
>remain the same, no matter what you use to read or interpret it. It has

>also been shown that three different rigs will give three different
>indications of signal strength.
> Realistically, the only practical use for the S-meter would be for
>peaking the direction of a beam antenna and in that instance, the analog
>
>meter will be much easier to interpret.
>
>Back in my hole,
>Mike / W8DN
>
>
>----------

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>Yahoo! Groups Links
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27684. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 02:10:13 UTC
From: eric@van-de-weyer.org
Topic: 27672 Message: 27684

It is also very easy to make your own. It is basically a 1mA movement. I used the scales which are in the file section of this list and did my own meter using a meter I already had (I have heaps of various meters), added a pot to calibrate it (there is a calibration option in the menus) and it works great. I am about to mount my unit in a rack panel and am mounting the meter on the panel as well, along with an ATU and various other things such as a tune button which connects to the ACC jack at the rear.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: DENNIS SMITH <dsmith72401@...>
>Date: Thu, 10 Sep 2009 18:36:12 -0700 (PDT)
>Subject: Re: [FT897] Re: S meter Signal Strength
>Reply-To: FT897@yahoogroups.com
>
>
>RICHARD? The ft meter is a accurate as the bar and possibly more so.? i
have
>the ft meter but you should get a ldg FTL meter.? They are much better and
>a whole lot easier to see.? Its a? huge meter
>Dennis w5vaf
>
>--- On Thu, 9/10/09, rrkpl <rrkpl@...> wrote:
>
>
>From: rrkpl <rrkpl@...>
>Subject: [FT897] Re: S meter Signal Strength
>To: FT897@yahoogroups.com
>Date: Thursday, September 10, 2009, 7:10 PM
>
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>?
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>
>
>Was wondering. Is the LDG FT Meter for the 897 as inaccurate (uses the same
>parameters as the internal bar meter) or is it more realistic.
>
>Richard / W4RRR
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>Yahoo! Groups Links
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27685. Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 04:29:16 UTC
From: wb3gok
Topic: 27672 Message: 27685

The S-meter circuitry in my FT-857D is faulty, so I get either S0 (absence of signal) or S9++ (presence of signal) whether it's being read by the LCD bars OR the LDG FT-Meter.

Guess I'm gonna have to rely on the old "audio signal quality" standard for that rig, eh?

BTW: My FT-897 is working fine.

--- In FT897@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
>
>
> Maybe I'm just getting (more) dense in my old age but I am having
> trouble coming up with a good reason to give a *&!# what the S-Meter
> reads, be it the internal bar graph or the external analog meter.
> It has been shown that it is a very arbitrary reading that changes
> with, at a minimum, band changes and quite possibly with even minor
> frequency excursions. The variability of the output signal is going to
> remain the same, no matter what you use to read or interpret it. It has
> also been shown that three different rigs will give three different
> indications of signal strength.
> Realistically, the only practical use for the S-meter would be for
> peaking the direction of a beam antenna and in that instance, the analog
> meter will be much easier to interpret.
>
> Back in my hole,
> Mike / W8DN
>

27686. Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 12:40:01 UTC
From: rexle5ter
Topic: 27672 Message: 27686

IARU Region 1 Technical Recommendation R.1

The International Amateur Radio Union (IARU) Region 1 agreed on a technical recommendation for S Meter calibration for HF and VHF/UHF transceivers in 1981.

IARU Region 1 Technical Recommendation R.1 defines S9 for the HF bands to be a receiver input power of -73 dBm. This is a level of 50 microvolts at the receiver's antenna input assuming the input impedance of the receiver is 50 ohms.

For VHF bands the recommendation defines S9 to be a receiver input power of -93 dBm. This is the equivalent of 5 microvolts in 50 ohms.
The recommendation defines a difference of one S-unit corresponds to a difference of 6 decibels (dB), equivalent to a voltage ratio of two, or power ratio of four.

Page number 17 in the service manual specifies alignment of the s-meter which is adjustable in the service menu -

SSB S-Meter Adjustment
- Tune the transceiver to the 21 MHz band in the CW mode. Inject an RF signal from the signal generator at 36 dBµ output.
- Select menu item "07: SSB-S9" and press the [A] key to set this parameter.
- Tune the transceiver to the 21 MHz band in the CW mode. Inject an RF signal from the signal generator at 86 dBµ output.
- Select menu item "08: SSB-FS" and press the [A] key to set this parameter.
FM S-Meter Adjustment
- Tune the transceiver to the 144 MHz band in the FM mode. Inject an RF signal from the signal generator at 0 dBµ output, with ±3.5 kHz deviation FM Modulation of a 1 kHz tone.
- Select menu item "09: FM-S1" and press the [A] key to set this parameter.
- Increase the output level of the signal generator up to 25 dBµ. Select menu item "10: FM-FS" and press [A] key to set this parameter.

You will need a calibrated signal generator to complete this exercise correctly.
73 Rex - G8UBJ

--- In FT897@yahoogroups.com, "wb3gok" <wb3gok@...> wrote:
>
> The S-meter circuitry in my FT-857D is faulty, so I get either S0 (absence of signal) or S9++ (presence of signal) whether it's being read by the LCD bars OR the LDG FT-Meter.

>
> Guess I'm gonna have to rely on the old "audio signal quality" standard for that rig, eh?
>
> BTW: My FT-897 is working fine.
>
> --- In FT897@yahoogroups.com, Mike Rhodes <w8dn@> wrote:
> >
> >
> > Maybe I'm just getting (more) dense in my old age but I am having
> > trouble coming up with a good reason to give a *&!# what the S-Meter
> > reads, be it the internal bar graph or the external analog meter.
> > It has been shown that it is a very arbitrary reading that changes
> > with, at a minimum, band changes and quite possibly with even minor
> > frequency excursions. The variability of the output signal is going to
> > remain the same, no matter what you use to read or interpret it. It has
> > also been shown that three different rigs will give three different
> > indications of signal strength.
> > Realistically, the only practical use for the S-meter would be for
> > peaking the direction of a beam antenna and in that instance, the analog
> > meter will be much easier to interpret.
> >
> > Back in my hole,
> > Mike / W8DN
> >
>

27687. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-11 17:41:50 UTC
From: DALE BLANCHARD
Topic: 27672 Message: 27687

----- Original Message -----
From: "wb3gok" <wb3gok@...>
To: FT897@yahoogroups.com
Sent: Thursday, September 10, 2009 9:29:16 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: S meter Signal Strength

The S-meter circuitry in my FT-857D is faulty, so I get either S0 (absence of signal) or S9++ (presence of signal) whether it's being read by the LCD bars OR the LDG FT-Meter.

Guess I'm gonna have to rely on the old "audio signal quality" standard for that rig, eh?
Check menue 80.
Dale

[Non-text portions of this message have been removed]

27688. RF feed back

Yahoo group: FT897 (2009)
Date: 2009-09-12 03:32:55 UTC
From: amccom2
Topic: 27688 Message: 27688

even with an automatic remote turner at the antenna end an 160 meter loop..out side the house of course. and big ferrites on all cables in the house on 160 always and on some parts of 75 it still feeds back sending the swr through the roof. Only running standard power.
no linear. even tried using two antenna turners. 40 and above no problem. Have had unit since 2003. sort of happ with it but still like my galaxy V that would tune up to a doorknob and operate flawlessly. Never had overload/feedback problems and with the galaxy I ran 1500W.... I can not believe I am the only person who has this problem. someone must has solved it. OK yes I have eveything grounded except my bid toe.
73
k9bw

27689. Re: [FT897] RF feed back

Yahoo group: FT897 (2009)
Date: 2009-09-12 04:19:52 UTC
From: Larry D. Barr, K5WLF
Topic: 27688 Message: 27689

I had that problem. My rig is an 897D w/ LDG AT-897 tuner -- no linear. I added a new antenna (Buxcomm 8010CD) to my antenna garden (it's not big enough to be an antenna farm) and was getting RF feedback that locked the rig into XMIT mode. Only way to cure it was shut it off. It only happened on some frequencies and only on the 8010CD. The other antenna is a Hustler 5-BTV vertical on the tin roof.

At the Lockheed Hamfest in Fort Worth, I got talking to Bob from Balun Designs and described the problem to him. He recommended his Model 1113u 1:1 Isolation Balun. I bought one and installed it between the output of the tuner and the antenna switch. Cured the problem completely. Also, subjectively, it seems that the tuner doesn't work as hard to achieve a match on either antenna.

YMMV, but it worked for me.

http://www.balundesigns.com/

73,
ldb
K5WLF

amccom2 wrote:
> even with an automatic remote turner at the antenna end an 160 meter
> loop..out side the house of course. and big ferrites on all cables in
> the house on 160 always and on some parts of 75 it still feeds back
> sending the swr through the roof. Only running standard power. no
> linear. even tried using two antenna turners. 40 and above no
> problem. Have had unit since 2003. sort of happ with it but still
> like my galaxy V that would tune up to a doorknob and operate
> flawlessly. Never had overload/feedback problems and with the galaxy
> I ran 1500W.... I can not believe I am the only person who has this
> problem. someone must has solved it. OK yes I have eveything
> grounded except my bid toe. 73 k9bw

27690. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 19:20:18 UTC
From: John Geiger
Topic: 27667 Message: 27690

It really doesn't matter in most instances. After all, the FP30 goes INTO the FT897. The only exception would be if you wanted to run it 50 feet away or so you would need heavier duty cables to prevent voltage drop.

73s John AA5JG

--- On Wed, 9/9/09, notehead12 <dougyaeger@...> wrote:

From: notehead12 <dougyaeger@...>
Subject: [FT897] Setting Up Equipment
To: FT897@yahoogroups.com
Date: Wednesday, September 9, 2009, 9:32 AM

Hello, I'm wondering does it matter how close, or far, the power supply is from my radio. Some people have told me to place the power supply as far from the radio as possible, while others have told me the opposite, that it should be as close as possible. I'm a relatively new Ham with alot to learn! Thanks in advance to all who respond. It's very much appreciated. Doug, KB1QJK

[Non-text portions of this message have been removed]

27691. Re: [FT897] Setting Up Equipment

Yahoo group: FT897 (2009)
Date: 2009-09-09 19:50:38 UTC
From: John Geiger
Topic: 27667 Message: 27691

There are 2 other things to remember:

1. If you buy a linear (non-switching) PS noise will not be an issue at all.
2. Noise in a switching PS is related to the load it is under, and the greatest load will occur when you are transmitting so noise wouldn't be an issue then either.

73s John AA5JG

--- On Wed, 9/9/09, Thomas Wilson <wilsontp@...> wrote:

From: Thomas Wilson <wilsontp@...>
Subject: Re: [FT897] Setting Up Equipment
To: FT897@yahoogroups.com
Date: Wednesday, September 9, 2009, 2:45 PM

The chief reason to keep the power supply close is that it keeps the power leads short. This radio can draw more than 20 amps, and at 12-14 volts, even a few feet of power cord can drop the voltage significantly. The reason to keep the power supply further away is to keep the supply from causing interference in the radio.

However, if you have a good power supply, noise won't be an issue, and you can certainly use the full length of wire that came with the radio without any problems due to wire resistance.

Just my two cents.
-Tom KI6ABZ

Tom Wilson
wilsontp@gmail. com
(619)212-6311
KI6ABZ

On Wed, Sep 9, 2009 at 7:32 AM, notehead12 <dougyaeger@sbcgloba l.net> wrote:

>
>
> Hello, I'm wondering does it matter how close, or far, the power supply is
> from my radio. Some people have told me to place the power supply as far
> from the radio as possible, while others have told me the opposite, that it
> should be as close as possible. I'm a relatively new Ham with alot to learn!
> Thanks in advance to all who respond. It's very much appreciated. Doug,
> KB1QJK
>
>
>

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[Non-text portions of this message have been removed]

27692. Newbe

Yahoo group: FT897 (2009)
Date: 2009-09-11 08:45:40 UTC
From: dannylamar45
Topic: 3918 Message: 27692

kf7eki. Hello all u hammers. I'm new to the Ham stuff and need to know what i need to buy as a first timer. I want a base but looking for something to take mobile in case of a emag. I was looking at ft-897 and Icom campatable. ??????????? NEED HELP Hooper.Danny@...

27693. Re: RF feed back

Yahoo group: FT897 (2009)
Date: 2009-09-12 04:53:51 UTC
From: wa3jpg
Topic: 27688 Message: 27693

On 160 especially, and down on 80 I've had similar problems. The antenna (a loop) surrounded my house and I suspect there was just lots of RF floating around, even with the coax isolated (although you really ought to try a good isolation balun, it can work wonders if that is the path the RF takes!)

I found that my AC wiring was just plain picking it all up and feeding it back into everything plugged in. I used some AC line isolators and cured my problems. I've also found that hanging a nice quarter wave (tuned) "artificial ground" wire along the ground and attached to my radio has helped in such circumstances.

Best of luck.

Clark
WA3JPG

27694. which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-12 07:52:23 UTC
From: wowi2010
Topic: 27694 Message: 27694

Planning a few-days camping trip with bicycle in Aussie bush and will take my radio (with batteries) along. I own a Bushcomm SWC100S (single wire) antenna. Any suggestions in regard to a suitable antenna to chose for this purpose?

Tks+cheers
VK2LKW

27695. Re: [FT897] which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-12 13:21:41 UTC
From: Joe
Topic: 27694 Message: 27695

No question......Buddipole! Quick, easy, configurable as a horizontal dipole, beam, or vertical. Sets up in minutes. Can be used throughout all bands.

http://www.buddipole.com/

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "wowi2010" <wowi2010@...>
To: <FT897@yahoogroups.com>
Sent: Saturday, September 12, 2009 12:52 AM
Subject: [FT897] which antenna for bicycle trips in bush?

> Planning a few-days camping trip with bicycle in Aussie bush and will take
> my radio (with batteries) along. I own a Bushcomm SWC100S (single wire)
> antenna. Any suggestions in regard to a suitable antenna to chose for this
> purpose?
>
> Tks+cheers
> VK2LKW
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

27696. Re: [FT897] which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-12 20:16:02 UTC
From: Graeme
Topic: 27694 Message: 27696

Try a 9 meter squid pole, SG211 (has it own power supply), and goes from 160 meters to 6 meters. I use it portable. FT897 and tuner fit into a laptop bag no problems.

graeme vk4rd

----- Original Message -----
From: Joe
To: FT897@yahoogroups.com
Sent: Saturday, September 12, 2009 11:21 PM
Subject: Re: [FT897] which antenna for bicycle trips in bush?

No question......Buddipole! Quick, easy, configurable as a horizontal
dipole, beam, or vertical. Sets up in minutes. Can be used throughout all
bands.

http://www.buddipole.com/

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "wowi2010" <wowi2010@...>
To: <FT897@yahoogroups.com>
Sent: Saturday, September 12, 2009 12:52 AM
Subject: [FT897] which antenna for bicycle trips in bush?

> Planning a few-days camping trip with bicycle in Aussie bush and will take
> my radio (with batteries) along. I own a Bushcomm SWC100S (single wire)
> antenna. Any suggestions in regard to a suitable antenna to chose for this
> purpose?
>
> Tks+cheers
> VK2LKW
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> Yahoo! Groups Links
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>
>

[Non-text portions of this message have been removed]

27697. RE: [FT897] S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 12:04:42 UTC
From: Michael Walker (VA3MW)
Topic: 27672 Message: 27697

David

The only way to get the right answer would be to hook your own personal radio up to a test set like an IFR and make your own measurements. You then have a calibrated device that you can trust. Anything other than that is 100% speculation.

The S meter on the 897 is not something that I would consider a device that is calibrated enough to consistent measurements and what you see on your may be different than your neighbours.

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: DavidN [mailto:david@...]
Sent: Thursday, September 10, 2009 06:52
To: FT897@yahoogroups.com
Subject: Re: [FT897] S meter Signal Strength

Thanks for the pointer to message 5278, but I just wonder if anyone has done further tests on the S-meter's last two 'ticks' values - the original author thinks these are S9+10 and S9+20db. After working a contest last weekend I feel the values are higher. Also, as the author does confirm that the scale is linear, so between each S-point is 6db, the distance to the first tick after S9 suggests it's higher than S9+10db. Same with the second tick. Anyone done any serious tests with this?

David G4TUP.

On Thu, Sep 10, 2009 at 11:23 AM, Carl Wulfestieg <ag4ls@...
<mailto:ag4ls%40comcast.net> > wrote:

>
>
> Ron-
>
> FT-897 Bar Display Explanation
>
> Sign in to the FT-897 Yahoo Group
> Click on "FILES"
> Search for Message 5278 - You'll find more than you ever wanted to know!
>
> I forgot to mention the really simple answer. Go to W4RT Electronics
> http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent)
> and plug it in. Done! It has a very good numerically scaled back-lit dial.
> (you'll need an external 12 vdc 60 ma source for the illumination) (I

> modified a junk box 12 vdc wall wart).
>
> Good Luck
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>
>
>

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[Non-text portions of this message have been removed]

27698. MODERATOR MESSAGE: Delayed Message Posting

Yahoo group: FT897 (2009)
Date: 2009-09-12 21:23:36 UTC
From: w4wb
Topic: 27698 Message: 27698

Appears Yahoo! is classifying some valid posts as spam and then delaying putting them in the FT897 Spam Folder. I check this folder frequently. I note that I could see no reason upon examing these posts why Yahoo! declared them as spam.

73 de Barry W4WB

27699. RE: [FT897] FT-897D and PSK31

Yahoo group: FT897 (2009)
Date: 2009-08-29 23:24:56 UTC
From: D. F.
Topic: 27579 Message: 27699

Check to make sure you didn't inadvertently turn the "spl" (split mode) on.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of John Bucsek
Sent: Saturday, August 29, 2009 18:18
To: FT897@yahoogroups.com
Cc: <FT897@yahoogroups.com>
Subject: Re: [FT897] FT-897D and PSK31

I've successfully used my 897d with psk31 and haven't seen the same problem you're seeing. I've just set the mode to DIG and it's worked fine.
I haven't messed with any other menu settings so mine are set to the factory defaults.
I'm using the rigblaster plug and play with the cat plug that plugs into the rigblaster. So my rigblaster has plugs going into both the data and cat ports.
It looks like the menu items you've mentioned are set correctly. I'm thinking there's another setting I'm unfamiliar with that's causing the freq shift on transmit.

John - KE7WNB

Sent from my iPhone

On Aug 29, 2009, at 1:28 PM, "Noel Zeibari" <n3nz@...
<mailto:n3nz%40rcn.com> > wrote:

Hi all,

I am new to FT897D, today I set it up to work the digital mode PSK31, using
the SignaLink USB interface and MixW
Here is the lineup:
Band mode= Digital
Band= 14.070.00
Power= 30 watts
Digital Mode= PSK31 USB Menu # 38
Digital Mode= RTTY USB Menu # 38
Digital Shift= Default 0 Hz Menu #39

Whenever I transmit the frequency shifts down to 14.069.60
What am I doing wrong here? Any ideas on how to setup the menus for PSK

& RTTY?

On my Kenwood TS450S/AT, just park it on 14.070 and USB work PSK and RTTY AFSK.

Would appreciate your help.

73, Noel (OM) N3NZ

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

27700. Re: [FT897] Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-10 21:47:41 UTC
From: Chris Baker
Topic: 27672 Message: 27700

Quote ", in the contest I did give up with the S-meter and used my
ears for reports :) Much more reliable :)" Dont we all!!!! your 5 x 9 ....

Chris

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Thu, 10/9/09, DavidN <david@...> wrote:

From: DavidN <david@...>
Subject: Re: [FT897] Re: S meter Signal Strength
To: FT897@yahoogroups.com
Date: Thursday, 10 September, 2009, 6:19 PM

Thanks Jeff. Yes, in the contest I did give up with the S-meter and used my
ears for reports :) Much more reliable :)

David G4TUP.

On Thu, 10 Sep 2009 at 4:34 PM, g8hul <g8hul@aerial. freeserve. co.uk> wrote:

>
>
> --- In FT897@yahoogroups. com <FT897%40yahoogroup s.com>, DavidN <david@....>
> wrote:
> >
> > Thanks for the pointer to message 5278, but I just wonder if anyone has
> done
> > further tests on the S-meter's last two 'ticks' values - the original
> author
> > thinks these are S9+10 and S9+20db. After working a contest last weekend
> I
> > feel the values are higher. Also, as the author does confirm that the
> scale
> > is linear, so between each S-point is 6db, the distance to the first tick
> > after S9 suggests it's higher than S9+10db. Same with the second tick.
> > Anyone done any serious tests with this?
> >
> > David G4TUP.
> >
>

> The S meter on the 897 is very nonlinear and very
> arbitary.
>
> Here are some results om 80m I took recently:
>
> The steps between readings are as follows:
>
> S1 -2 1dB
> S2-3 1dB
> S3-4 0.5dB
> S4-5 1dB
> S5-6 2dB
> S6-7 6dB
> S7-8 8dB
> S8-9 7dB
> s9 -+10 16dB
> +10-+20 20dB
>
> There is no consistant step between 'blocks', and you can see that the step
> from 9 to '+' is 16dB and from '+' to '++' is 20 dB. The meter readings also
> change from band to band, are of course affected by whether the attenuator
> and preamp are turned on or not.
>
> So basically the S meter is only an arbitary indication and cannot be
> relied upon to give anything other than comparative readings.
>
> 73
> Jeff
> G8HUL
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27701. Re: [FT897] Battery LEDs light faint red

Yahoo group: FT897 (2009)
Date: 2009-09-08 14:43:36 UTC
From: scot@scotjones.co.uk
Topic: 27658 Message: 27701

Hi David, thanks for the reply.

The antenna is mounted in the loft (its a mobile whip also) due to QRM from the wife not wanting antennas outside and runs very close to a G5RV half that runs down the eves of the house all be it the other side of the wall and seperated by an antenna switch close to the radio as 6m and the other bands come out of the same connection on the rear of the radio it separated the whip and G5RV as required.

I dont notice the issue when transmitting into the G5RV (via ATU) well not so id noticed anyway.

I've not got the radio earthed as such and was my next move to be fair I think though that im just asking for problems with the antenna in the loft and running so close to the other anttena and its ladder line feed.

The radio has just locked on TX when doing some testing so I've prob answered the question in relation to RF?

de M1AFY

From: "DavidN" <david@...>

If the SWR is only 1.2:1 I'd try connecting the ae. direct to the set to see
if the problem goes away. Also, do you have a thick earth strap connected to
the earth point on the back of the set?

[Non-text portions of this message have been removed]

27702. Re: [FT897] Newbe

Yahoo group: FT897 (2009)
Date: 2009-09-13 20:03:16 UTC
From: Richard Corfield
Topic: 3918 Message: 27702

It's hard to advise as everyone's needs are different. I've done well with the 897 as base rig, but if you want to spend more there's better. There's also the possibility me separate radios for HF and VHF. I also have a mobile 2m,70cm in the car. The 897 goes camping and on RAYNET duties for which it is probably overkill most of the time. Internal batteries would make it ideal for that though.

I'd also consider the smaller 817 if you want portable. You can do a fair amount with 5W if your antenna is good or use an amplifier if needed.

These are all menu driven smaller radios. Menus force you to take things slower. The alternative is not so portable.

A good idea would be to find a radio club where there is chance to gain experience on different rigs and talk to others.

Hth - richard M0RJC

On 9/11/09, dannylamar45 <dannylamar45@...> wrote:
> kf7eki. Hello all u hammers. I'm new to the Ham stuff and need to know what
> i need to buy as a first timer. I want a base but looking for something to
> take mobile in case of a emag. I was looking at ft-897 and Icom campatable.
> ?????????? NEED HELP Hooper.Danny@...
>
>

--
Sent from my mobile device

27703. Re: Battery LEDs light faint red

Yahoo group: FT897 (2009)
Date: 2009-09-13 20:45:57 UTC
From: thb201
Topic: 27658 Message: 27703

Hello group:

I was playing around with trying to load up my 60ft. long random wire antenna on 6m with my auto tuner the other day and noticed the same thing. Except the LED's on my FT-897D (no battery packs installed but have the inboard switching power supply) were lighting up quite brightly. It was while the tuner was going through the tune cycle and was having difficulty matching this oddball antenna. The antenna is fed with a single wire feeder which comes right directly into my shack. Once it found a match the LED's did not light up. When I use a "proper" 6m antenna which is farther away from my rig and fed with coax then this does not happen. In another situation while using my random wire antenna I've also noticed the lamp that illuminates the meter in my SWR meter will also flicker brighter when I transmit. I would guess these two cases to be some sort of RF-in-the-shack situation.

73
John
VE3CXB

27704. using mic for cat control

Yahoo group: FT897 (2009)
Date: 2009-09-12 21:58:58 UTC
From: sprior_1952
Topic: 27704 Message: 27704

I am using the navigator interface for PSK31 and other digital modes.
The navigator uses the rear panel cat and data ports. Would like to use
the antenna tuner at the same time while using the navigator. Can this
be done? Is the front mic jack a possibility?
thanks
73 de
N3UYI

Steve

27705. Re: [FT897] which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-13 20:25:05 UTC
From: Per
Topic: 27694 Message: 27705

I'd use what I usually bring when portable: a fishing pole.
I have an 8 m fishing pole that I attach a wire to, at the bottom I place a tuner and to that I spread a few radials.
Its very easy to bring along, cheap and works great.

Per sm0rwo

_____
From: Graeme <graeme52au@...>
To: FT897@yahoogroups.com
Sent: Saturday, September 12, 2009 10:16:02 PM
Subject: Re: [FT897] which antenna for bicycle trips in bush?

Try a 9 meter squid pole, SG211 (has it own power supply), and goes from 160 meters to 6 meters. I use it portable. FT897 and tuner fit into a laptop bag no problems.

graeme vk4rd

----- Original Message -----
From: Joe
To: FT897@yahoogroups. com
Sent: Saturday, September 12, 2009 11:21 PM
Subject: Re: [FT897] which antenna for bicycle trips in bush?

No question.... ..Buddipole! Quick, easy, configurable as a horizontal dipole, beam, or vertical. Sets up in minutes. Can be used throughout all bands.

http://www.buddipole.com/

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "wowi2010" <wowi2010@yahoo. com>
To: <FT897@yahoogroups. com>
Sent: Saturday, September 12, 2009 12:52 AM
Subject: [FT897] which antenna for bicycle trips in bush?

> Planning a few-days camping trip with bicycle in Aussie bush and will take
> my radio (with batteries) along. I own a Bushcomm SWC100S (single wire)
> antenna. Any suggestions in regard to a suitable antenna to chose for this
> purpose?
>
> Tks+cheers
> VK2LKW

>
>
>
> ------------ --------- --------- ------
>
> Yahoo! Groups Links
>
>
>

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27706. Re: [FT897] which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-14 09:54:38 UTC
From: DavidN
Topic: 27694 Message: 27706

Also, if you'd like to be bicycle-mobile whilst on the move, have a look at
G4AKC on http://qrz.com

David G4TUP.

On Sun, Sep 13, 2009 at 9:25 PM, Per <n59o18@...> wrote:

>
>
> I'd use what I usually bring when portable: a fishing pole.
> I have an 8 m fishing pole that I attach a wire to, at the bottom I place a
> tuner and to that I spread a few radials.
> Its very easy to bring along, cheap and works great.
>
> Per sm0rwo
>
> _____
> From: Graeme <graeme52au@... <graeme52au%40yahoo.com.au>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Saturday, September 12, 2009 10:16:02 PM
> Subject: Re: [FT897] which antenna for bicycle trips in bush?
>
> Try a 9 meter squid pole, SG211 (has it own power supply), and goes from
> 160 meters to 6 meters. I use it portable. FT897 and tuner fit into a laptop
> bag no problems.
>
> graeme vk4rd
>
> ----- Original Message -----
> From: Joe
> To: FT897@yahoogroups. com
> Sent: Saturday, September 12, 2009 11:21 PM
> Subject: Re: [FT897] which antenna for bicycle trips in bush?
>
> No question.... ..Buddipole! Quick, easy, configurable as a horizontal
> dipole, beam, or vertical. Sets up in minutes. Can be used throughout all
> bands.
>
> http://www.buddipole.com/
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "wowi2010" <wowi2010@yahoo. com>

> To: <FT897@yahoogroups. com>
> Sent: Saturday, September 12, 2009 12:52 AM
> Subject: [FT897] which antenna for bicycle trips in bush?
>
> > Planning a few-days camping trip with bicycle in Aussie bush and will
> take
> > my radio (with batteries) along. I own a Bushcomm SWC100S (single wire)
> > antenna. Any suggestions in regard to a suitable antenna to chose for
> this
> > purpose?
> >
> > Tks+cheers
> > VK2LKW
> >
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> >
> > Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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27707. Re: using mic for cat control

Yahoo group: FT897 (2009)
Date: 2009-09-14 15:50:42 UTC
From: iz0inx
Topic: 27704 Message: 27707

Yes it is. This has been discussed several times on this group, try to search for CAT and will find the information you need.

Anyway, my contribution is on the Files section, take a look here:
Files > CAT & Sound Card Interfaces > Just CAT converter > CAT-Mic.doc
and on the related discussion from the msg #27528

cheers,
Fil IZ0INX

--- In FT897@yahoogroups.com, "sprior_1952" <prior.stephen@...> wrote:

>Would like to use
> the antenna tuner at the same time while using the navigator. Can this
> be done? Is the front mic jack a possibility?

27708. Re: S meter Signal Strength

Yahoo group: FT897 (2009)
Date: 2009-09-14 16:03:47 UTC
From: aa5tb
Topic: 27672 Message: 27708

Mike,

I agree.

With the proper use of the "IPO", attenuator, and RF Gain the S-meter is readered useless anyway. I depend on the RF Gain to recover the original dynamic range of the signals to give my brain more information to work with. Since the S-meter just reads AGC voltage and the RF Gain is doing its thing by adjusting the AGC voltage the minimum S-meter reading is modified by the gain setting anyway.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Mike Rhodes <w8dn@...> wrote:
>
>
> Maybe I'm just getting (more) dense in my old age but I am having
> trouble coming up with a good reason to give a *&!# what the S-Meter
> reads, be it the internal bar graph or the external analog meter.
> It has been shown that it is a very arbitrary reading that changes
> with, at a minimum, band changes and quite possibly with even minor
> frequency excursions. The variability of the output signal is going to
> remain the same, no matter what you use to read or interpret it. It has
> also been shown that three different rigs will give three different
> indications of signal strength.
> Realistically, the only practical use for the S-meter would be for
> peaking the direction of a beam antenna and in that instance, the analog
> meter will be much easier to interpret.
>
> Back in my hole,
> Mike / W8DN
>

27709. Re: which antenna for bicycle trips in bush?

Yahoo group: FT897 (2009)
Date: 2009-09-14 17:22:10 UTC
From: ke6rkx
Topic: 27694 Message: 27709

A great antenna for this trip would be the HFp made by the Ventenna Company
I own one for back packing. Easy to set up and works great. Comes complete and only weights 2LBS. Great antenna for the FT-897 or FT-817

Check out at the Ventenna page.

http://www.ventenna.com/index.html

Check out the reviews on e-ham. Interesting to read the reviews.

http://www.eham.net/reviews/detail/2737

Kim, KE6RKX

27710. Switch?

Yahoo group: FT897 (2009)
Date: 2009-09-15 12:58:38 UTC
From: fdrowlands
Topic: 27710 Message: 27710

Can't find it posted anywhere, can anyone tell me what the small slider switch does? the one in the front right corner when looking at board from top!
Thanks

27711. Re: Switch?

Yahoo group: FT897 (2009)
Date: 2009-09-16 07:34:37 UTC
From: rexle5ter
Topic: 27710 Message: 27711

It is Switch 1001 and is used when aligning/adjusting the pre-driver and exciter idling current. You never need to touch it unless you have the correct test equipment and plan to re-align your transceiver.

73 Rex - G8UBJ

--- In FT897@yahoogroups.com, "fdrowlands" <fdrowlands@...> wrote:
>
> Can't find it posted anywhere, can anyone tell me what the small slider switch does? the one in the front right corner when looking at board from top!
> Thanks
>

27712. Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-16 13:33:06 UTC
From: kb4mto
Topic: 27712 Message: 27712

Is anyone in the group using the Heil GM-4 or GM-5 microphone with the FT-897D? I am going to buy one to replace the stock hand mic, but wondering which one I should chose with this radio. Also, how does the mic do when switching over to VHF FM, and which element is best for FM communications? Finally, are there any menu settings that should be adjusted when using this mic for HF and VHF?

I have heard so many good things about this mic, but I want to make sure that I make the right choice.

Thanks for any help y'all can provide.

73 de Hank / KB4MTO

27713. Re: [FT897] Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-16 14:06:16 UTC
From: david.m0bwy@ntlworld.com
Topic: 27712 Message: 27713

I use a stick mic brought off eBay for ?10 took out the standard element and fitted a HC5. So far reports are good on FM natural sounding but little bass.
I had the element in an old headset and reused the element. Saving ?'s on the genuine mic that I can put towards the stand.
Hope that helps

73 de M0BWY David
Sent from my BlackBerry? wireless device

-----Original Message-----
From: "kb4mto" <hank@...>
Date: Wed, 16 Sep 2009 13:33:06
To: <FT897@yahoogroups.com>
Subject: [FT897] Heil GM Microphone

Is anyone in the group using the Heil GM-4 or GM-5 microphone with the FT-897D? I am going to buy one to replace the stock hand mic, but wondering which one I should chose with this radio. Also, how does the mic do when switching over to VHF FM, and which element is best for FM communications? Finally, are there any menu settings that should be adjusted when using this mic for HF and VHF?

I have heard so many good things about this mic, but I want to make sure that I make the right choice.

Thanks for any help y'all can provide.

73 de Hank / KB4MTO

[Non-text portions of this message have been removed]

27714. Re: [FT897] Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-16 14:49:00 UTC
From: Joe
Topic: 27712 Message: 27714

I have tried to use my GM-4 on my 897D/857D and it sounds terrible.

However......

I did nothing to try and tailor the radio to the mic. I just plugged it in, as I did on my TS2000.

You might give Heil a call or email them and see if they have any suggestions for radio settings. Expensive mic to buy and not like.

I also have a GM-5 that was given to me because it sounded awful in the environment it was installed. It works (sounds) great on my Kenwood TM-331a, 220Mhz radio.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "kb4mto" <hank@...>
Subject: [FT897] Heil GM Microphone

> Is anyone in the group using the Heil GM-4 or GM-5 microphone with the
> FT-897D? I am going to buy one to replace the stock hand mic, but
> wondering which one I should chose with this radio. Also, how does the mic
> do when switching over to VHF FM, and which element is best for FM
> communications? Finally, are there any menu settings that should be
> adjusted when using this mic for HF and VHF?

27715. Re: RF feed back

Yahoo group: FT897 (2009)
Date: 2009-09-16 20:13:25 UTC
From: kc9aop
Topic: 27688 Message: 27715

--- In FT897@yahoogroups.com, "amccom2" <amccom2@...> wrote:
<snip>
> ...on some parts of 75 it still feeds back sending the swr through the roof. Only running standard power.
<snip>

I've had similar troubles with my FT-100D. The RF gets involved in the house somehow and in my case makes the carbon monoxide detectors go off and/or resets the clock on the oven or turns on dimmer switches.

I built an "Ugly Balun" and that resolved most of the trouble. The "Ugly Balun" is an air-core choke that you put as close to the feed point of you antenna as you can. It consists of 20 or more feet of coax coiled in a single layer over ANY round form. The number of turns is not significant, just the 20+ feet. Of course the form has to be non-metallic. I used a plastic coffee ground container with the lid held on with duct tape to help it keep its shape. I just turned 20' of the feed line around the coffee container and fixed it with wire ties. No need to use SO-239 connectors, etc. Just get the twists in the line and keep the cable in a single layer.

You can Google "Ugly Balun" to get instructions.

Jim - KC9AOP

27716. Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-16 22:58:45 UTC
From: Clark
Topic: 27716 Message: 27716

Just curious, are there any new internal battery solutions for the 897 these days? I've finally burned through my FNB78's and they're sagging as far as I can tell. I may buy a new pair, but also thinking of the lithium nanophosphate ones (A123) sold by buddipole - though they won't fit inside the 897 they're small, light and will deliver enough current to run a full 100 watts for a while. Man, I wish there was one of these designed to fit inside the 897, I'd pay real money. If anyone has seen such a thing, please let me know.

Clark
WA3JPG

27717. Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-16 23:51:50 UTC
From: phaydenlex
Topic: 27716 Message: 27717

Second that!

Pat Ai4W

27718. Re: japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-17 02:34:22 UTC
From: rschaffrath
Topic: 27660 Message: 27718

This sounded like an interesting challenge and unfortunately I turned up nothing. Not even on the Japanese sites. I did find Spanish but no other languages. I even search Google.jp using the string "ft897操作マニュアル" and nothing turned up. Even the Vertex-Standard Japan web site at http://www.vxstd.com/jp/index_jp.html has nothing in the manuals section for the FT-897 series. They do have mostly older manuals available in Japanese at http://www.standard-comm.co.jp/cgi-bin/amateur_index/manual/manual.cgi . However, they do have the FT-450 CAT interface document in Japanese on that page. While it is not the FT-897D, maybe there is something useful in there that may apply to the FT-897D.

Robert, N2JTX

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> I am looking for a japanese pdf manual for the 897, or at least an image
> from it that shows the character set. I was playing around today
> mapping out a bit more memory on my radio, and I discovered that the
> kanji character set is there, although its undocumented and not directly
> available from the regular menus.
>
> Basically if you wanted to have memory tags with kanji on the US variant
> you can, although you have to directly write to the memory instead of
> indirectly writing to it via the menu controls. I wanted to list these,
> but I dont have images handy of the different characters.
>
> So if someone could provide me with a screenshot of the pdf opened to
> that page (100% zoom please) or the pdf manual I would appreciate it. I
> checked the files section and there does not seem to be a japanese
> manual uploaded yet.
>
> Thanks,
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27719. FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-16 15:04:36 UTC
From: on7cl_rudi
Topic: 27719 Message: 27719

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

27720. Re: [FT897] Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 01:03:25 UTC
From: KG6QPH
Topic: 27716 Message: 27720

I haven't tried this but thought it was kind of what you were looking for:

http://www.eham.net/articles/4114

On Wed, Sep 16, 2009 at 4:51 PM, phaydenlex <phayden@...> wrote:

>
>
> Second that!
>
> Pat Ai4W
>
>
>

[Non-text portions of this message have been removed]

27721. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 03:30:23 UTC
From: Joe
Topic: 27719 Message: 27721

Sounds like you have the wrong cable connection from the mic to the radio...or a bad cable. (Assuming menu 59 is set correctly.)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "on7cl_rudi" <cl.rudi@...>
Sent: Wednesday, September 16, 2009 8:04 AM
Subject: [FT897] FT-897D and Heil Pro Set

> Hello FM,
>
> I have following problem.
>
> When I connect my Heil Pro Set to the radio with the cable I need and when
> I push the PTT I have a carrier even when I dont speak in the radio.
>
> When I connect the original microphone I don't have the problem.

27722. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 03:42:30 UTC
From: Gary Altig
Topic: 27719 Message: 27722

DE N7UVL,
What Mode?/ga

----- Original Message -----
From: on7cl_rudi<mailto:cl.rudi@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, September 16, 2009 8:04 AM
Subject: [FT897] FT-897D and Heil Pro Set

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

[Non-text portions of this message have been removed]

27723. Re: [FT897] Re: japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-17 03:48:23 UTC
From: Trixter aka Bret McDanel
Topic: 27660 Message: 27723

On Thu, 2009-09-17 at 02:34 +0000, rschaffrath wrote:
>
> This sounded like an interesting challenge and unfortunately I turned
> up nothing. Not even on the Japanese sites. I did find Spanish but no
> other languages. I even search Google.jp using the string
> "ft897操作マニュアル" and
> nothing turned up. Even the Vertex-Standard Japan web site at

I emailed the guy at Vertex that deals with ham radio inquiries and asked him, he gave me another email address, and I asked them and got nothing.

The only reason I originally wanted this was to map out what you *can* set as an alpha tag for memories if you write to the eeprom directly (possibly if you use the clone function as well since that should be basically the same thing). If you use the dial it caps it at what is in the US manual (at least for my US version radio). I only noticed this by trying to create the map of what was available and incrementing the values and decided to go past what was in the book just to see.

I have more information on this at http://www.0xdecafbad.com/?p=154 but here is the basics of this particular subset.

Each tag can be 8 characters. 0-157 decimal correspond to what is in the book. 158-215 are Kanji, and 216-255 are blanks. The graphic that I have on that page is not a direct first char is 0, 2nd is 1. It is the image from the manual. I have another that I plan on uploading which has them in order so that you can more easily pick what you want if you are writing software to program the memories. The only provision That Yaesu has given to program memories is by cloning or by writing directly to the eeprom.

CAT does not let you directly program memories, this is in part because CAT uses a fixed 5 byte command sequence and a memory for the FT-857/FT897 is 28 bytes (20 bytes on the FT-817 iirc).

It is possible, although I think unlikely, that the memory map can change with different versions of the firmware. It appears that this map has been fairly standard over different versions.

I wrote the perl library in the hopes that others would write the useful software that actually does something meaningful :) For example, the perl library (module) would make it fairly simple and straight forward to tune the radio to a satellite frequency at specific times of day and even retune the radio for doppler shifts.

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27724. secret CWIDs ??

Yahoo group: FT897 (2009)
Date: 2009-09-17 04:08:01 UTC
From: Trixter aka Bret McDanel
Topic: 27724 Message: 27724

This email is not about freebanding or anything that way, but rather about exploration of the radio itself. I use that as an example because that is the only example that I have found so far, so please lets not get into a freebanding discussion, it will detract from what this email really is about :)

What I am looking for is anyone with any knowledge about any of what I am going to talk about. Someone else has to have heard something somewhere :) If you wish to remain anonymous, email me off-list and I will forget your name.

I noticed that the CWID on the FT-817, FT-857, FT-897 is not in the main eeprom. It is located on the eeprom in the cpu (used for bootstrap and things mere mortals shouldnt be editing such as where you can and cannot transmit - bandplan data).

I also noticed that if you set your CWID on a VX8 to "AH029M " and press magic button sequences while turning it on, it will freeband it (this does not appear to work on all of them, so if it doesnt work I dont care, dont tell me about it :)

This got me to thinking, why would they put the CWID in the cpu eeprom, which is used for bootstrap code, and to bring up the bigger eeprom which contains all the alignment and configuration setting data.

The only thing I can think of is that the CWID is used during the bootstrap process. This would be before you can use the radio, before the main eeprom is available, before much of anything is done with the radio. This got me to thinking about the VX8 mod, and how it might be that there are SEVERAL different CWIDs based on radios (it could even be based not just on model, but manufacture lot numbers, etc). They can enable different things to occur.

For example there is an undocumented command via the CAT port that appears to do nothing other than to return an error code. It may be that it does something only if you have the magic CWID, and possibly boot up holding magic keys down. Other commands may present themselves as present at that time as well. This could be how the firmware is loaded onto the cpu eeprom (which if toasted *will* require sending the radio to Yaesu, the main eeprom if toasted will just require recalibrating the radio and reprogramming all your settings and memories). I have to believe that Yaesu has an automated trivial process to upgrade the firmware, probably via the CAT interface.

Above and beyond the firmware there are potentially other things that the radio could possibly do. Of course if you could get access to the firmware it is possible that you could at the very least enable

additional memories, there is space on the eeprom. Although I wouldnt want to play around with that unless you had some way to write to the eeprom on the cpu if you screw up (JTAG?) :)

Thanks,
kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27725. Re: [FT897] Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 04:17:48 UTC
From: Trixter aka Bret McDanel
Topic: 27716 Message: 27725

On Wed, 2009-09-16 at 18:03 -0700, KG6QPH wrote:
>
> I haven't tried this but thought it was kind of what you were looking
> for:
>
> http://www.eham.net/articles/4114

the problem is that they want batteries that output a lot more juice so that they can run the radio longer than the "manual" 8 hours, and potentially go over the limited Tx power output that occurs when you run on the internal cells. So far I do not think anyone has found a size compatible battery of the material that was originally requested (lithium nanophosphate).

If a size compatible lithium nanophospate could be located the it should increase the run time on batteries, even if its only at 20w or whatever it does on batteries. Having them external would allow you to go 100w, at least in theory.

I do not know if its a power output from the cells themselves that causes the lower Tx power or if its the radio saying "we are getting power from inside, scale back". I think its the radio detecting where its getting the power from (ie if the battery icon is present tx power is lower). Voltage appears to be the same whether I am on battery or not, although it could have some current limiter to prevent cooking the battery/radio by sucking power too quickly and that is forcing the lower Tx (or the lower Tx is acting like a current limiter by design).

kc2dwq

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27726. Re: [FT897] secret CWIDs ??

Yahoo group: FT897 (2009)
Date: 2009-09-17 07:01:05 UTC
From: Geoff Carmont
Topic: 27724 Message: 27726

Hello Bret,

"upgrade the firmware, probably via the CAT interface"

I have no knowledge of the Yeasu process but:

Connector J1010 on the Main Unit circuit board is a vacant connector. The service manual (897 cpu 2.jpg, top right) shows this,

J1010 connections are: 1. GND
2. RXD
(MIC-UP)
3. TXD
(MIC-DN)
4. GND (pull-down) (MD1)
5. +5V (pull-up)
6. RES
(REQ)
7. VCC
(VCC)

also the CPU (897 cpu 1.jpg, bottom left corner) shows

Pin 1. RES (reset?) (REQ)
Pin 4. MD1
Pin 79. MIC-UP
Pin 78. MIC-DN

To me, this looks supiciously like direct CPU programming.

On the subject of "Free-banding", I don't really want to encourage or advise people to do something that they really should think about first.

For that reason, I have not publicised or distributed what I have discovered from reading the service manual and testing. For those who are interested in how a tranceiver works, than I have no issue with that, use the information as you like. See FT-897 Jumpers 1-9 xls, incomplete and very likely lots of errors

The best of luck,

Geoff, vk2agc & vk2hef

----- Original Message -----
From: "Trixter aka Bret McDanel" <trixter@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, September 17, 2009 4:08 AM
Subject: [FT897] secret CWIDs ??

> This email is not about freebanding or anything that way, but rather
> about exploration of the radio itself. I use that as an example because
> that is the only example that I have found so far, so please lets not
> get into a freebanding discussion, it will detract from what this email
> really is about :)
>
> What I am looking for is anyone with any knowledge about any of what I
> am going to talk about. Someone else has to have heard something
> somewhere :) If you wish to remain anonymous, email me off-list and I
> will forget your name.
>
> I noticed that the CWID on the FT-817, FT-857, FT-897 is not in the main
> eeprom. It is located on the eeprom in the cpu (used for bootstrap and
> things mere mortals shouldnt be editing such as where you can and cannot
> transmit - bandplan data).
>
> I also noticed that if you set your CWID on a VX8 to "AH029M " and
> press magic button sequences while turning it on, it will freeband it
> (this does not appear to work on all of them, so if it doesnt work I
> dont care, dont tell me about it :)
>
> This got me to thinking, why would they put the CWID in the cpu eeprom,
> which is used for bootstrap code, and to bring up the bigger eeprom
> which contains all the alignment and configuration setting data.
>
> The only thing I can think of is that the CWID is used during the
> bootstrap process. This would be before you can use the radio, before
> the main eeprom is available, before much of anything is done with the
> radio. This got me to thinking about the VX8 mod, and how it might be
> that there are SEVERAL different CWIDs based on radios (it could even be
> based not just on model, but manufacture lot numbers, etc). They can
> enable different things to occur.
>
> For example there is an undocumented command via the CAT port that
> appears to do nothing other than to return an error code. It may be
> that it does something only if you have the magic CWID, and possibly
> boot up holding magic keys down. Other commands may present themselves
> as present at that time as well. This could be how the firmware is
> loaded onto the cpu eeprom (which if toasted *will* require sending the
> radio to Yaesu, the main eeprom if toasted will just require
> recalibrating the radio and reprogramming all your settings and
> memories). I have to believe that Yaesu has an automated trivial
> process to upgrade the firmware, probably via the CAT interface.
>
> Above and beyond the firmware there are potentially other things that
> the radio could possibly do. Of course if you could get access to the
> firmware it is possible that you could at the very least enable
> additional memories, there is space on the eeprom. Although I wouldnt
> want to play around with that unless you had some way to write to the
> eeprom on the cpu if you screw up (JTAG?) :)
>

>
> Thanks,
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

27727. Re: Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-17 08:56:26 UTC
From: nr3r15
Topic: 27712 Message: 27727

--- In FT897@yahoogroups.com, "kb4mto" <hank@...> wrote:
>
> Is anyone in the group using the Heil GM-4 or GM-5 microphone

I had the same decission. Unfortunially the GM mic comes with only one element. The 5 is great for rag chewing, sounds wonderful, and the 4 is for DX and cutting thru noise, sounds very "raspy" not the greatest for FM use. So I bought the HM10 DUAL mic. That has both elements and switchable from one to the other. I love the Heil, you will not go wrong. I use nothing but. Got the pro set, Travler dual and 2 older hand mics that are not in production anymore. You do need to turn up your mic gains to about 85. That is the only adjustment I made (per Heil recommendations).

Larry / nr3r

27728. Re: FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 09:02:21 UTC
From: nr3r15
Topic: 27719 Message: 27728

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> I have following problem.
>
> When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.
>

You may have the wrong adaptor cable or you may have the adaptor screwed in wrong. Make sure when you swrew in the small adaptor cable to the headset cable that it is in the right position (it is keyed). The two small phillips head screws will line up. If all else fales give Heil a call. Their support is great.

Larry / nr3r

27729. Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 09:28:15 UTC
From: nr3r15
Topic: 27716 Message: 27729

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
> Just curious, are there any new internal battery solutions for the 897 these days?

If you haven't already, you may want to look at W4RT web site. I switched to his batteries and fast charger when my original Yaesu ones gave up. Work very well and charge in just a few hours. (use the FT817 batteries also)

I hate to use external batteries (unless field day) because that takes the "portability" out of the radio.

Larry / nr3r

27730. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 11:06:50 UTC
From: Chris Baker
Topic: 27719 Message: 27730

do you mean a carrier or the rf meter moving on SSB with no audio? if so its the mic picking up either background noise or rf pick up, (i had both these using the 897 & heil pro)

Thanks

Chris

Sunny Morecambe, the gateway to the Lakes
ARS: G4LDS
WAB:SD 46
LOC: IO84 NB
IOTA: EU005
The SANDS Contest group : G1T
G4LDS@...

--- On Wed, 16/9/09, on7cl_rudi <cl.rudi@...> wrote:

From: on7cl_rudi <cl.rudi@...>
Subject: [FT897] FT-897D and Heil Pro Set
To: FT897@yahoogroups.com
Date: Wednesday, 16 September, 2009, 4:04 PM

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

[Non-text portions of this message have been removed]

27731. Re: Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-17 13:09:47 UTC
From: Hank
Topic: 27712 Message: 27731

Thanks for the reply. I was curious about the mic gain as well as any processing. Are you running the voice processor? If so, what are the settings?

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:
>
> --- In FT897@yahoogroups.com, "kb4mto" <hank@> wrote:
> >
> > Is anyone in the group using the Heil GM-4 or GM-5 microphone
>
>
> I had the same decission. Unfortunially the GM mic comes with only one element. The 5 is great for rag chewing, sounds wonderful, and the 4 is for DX and cutting thru noise, sounds very "raspy" not the greatest for FM use. So I bought the HM10 DUAL mic. That has both elements and switchable from one to the other. I love the Heil, you will not go wrong. I use nothing but. Got the pro set, Travler dual and 2 older hand mics that are not in production anymore. You do need to turn up your mic gains to about 85. That is the only adjustment I made (per Heil recommendations).
>
> Larry / nr3r
>

27732. Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 14:23:04 UTC
From: Clark
Topic: 27716 Message: 27732

--- In FT897@yahoogroups.com, "nr3r15" <nr3r15@...> wrote:

> If you haven't already, you may want to look at W4RT web site. I switched to his batteries and fast charger when my original Yaesu ones gave up. Work very well and charge in just a few hours. (use the FT817 batteries also)

Hi Larry - The W4RT batteries are really the same thing (cheaper and made by friends, though!) and I've always used their chargers here. Its just the NiMh internal cells do not allow for 100 watt operation at all, the new LiNo (did I get that right?) batteries (see buddipole site under "power") will give you the same a/h rating, roughly, as one of those NiMh batteries but its internal chemistry allows you to go ahead and draw 20 amps on transmit (even under contest transmit conditions, another ham reports he did this for an hour at 100 watts and the battery was still up for him.) I am very hopeful someone can develop a pack out of these cells that will fit inside the 897, it looks like the standard size is just a tenth of an inch too wide or something and then there's the shrink wrap covering.... but wouldn't it be nice to have the radio available, with internal cells, for up to 100 watt operation for an hour or two? My fondest wish.

I'll probably pick up a 4.3 a/h external pack and use it a lot to get familiar with how these things work. Almost double the price of the NiMh replacements, but so very flexible.

Clark
WA3JPG

27733. Re: [FT897] Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 14:44:15 UTC
From: DALE BLANCHARD
Topic: 27716 Message: 27733

----- Original Message -----
From: "Clark" <csturner@...>
To: FT897@yahoogroups.com
Sent: Thursday, September 17, 2009 7:23:04 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] Re: Any new battery solutions?

Hi Larry - The W4RT batteries are really the same thing (cheaper and made by friends, though!) and I've always used their chargers here. Its just the NiMh internal cells do not allow for 100 watt operation at all, the new LiNo (did I get that right?) batteries (see buddipole site under "power") will give you the same a/h rating, roughly, as one of those NiMh batteries but its internal chemistry allows you to go ahead and draw 20 amps on transmit (even under contest transmit conditions, another ham reports he did this for an hour at 100 watts and the battery was still up for him.) I am very hopeful someone can develop a pack out of these cells that will fit inside the 897, it looks like the standard size is just a tenth of an inch too wide or something and then there's the shrink wrap covering.... but wouldn't it be nice to have the radio available, with internal cells, for up to 100 watt operation for an hour or two? My fondest wish.

The nano-posphate batteries put out more amps for higher owered radios.

They occupy more physical space for the same AH capacity so it is hard to get the same AH into the battery compartment.

They do make the radio lighter and the wallet much more lighter.

If you do not need the high amperage producing feature they are not economically feasible to use .

Lithium Ion's are the better deal if you have the proper charging and discharging cutoff circuitry.

Most newer HT's come with Li. The charge circuitry is built into the radio , just as in a laptop.

Charge and discharge is simple but critical in charge and discharg voltage.

Dale

'---

[Non-text portions of this message have been removed]

27734. Re: [FT897] Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-17 14:49:38 UTC
From: Richard Corfield
Topic: 27716 Message: 27734

Ideal here would be as much capacity as possible in the space, and for a good price. I'd like the portability of using internal battery packs, and also any features the radio can give in terms of power management. The 20W limit is not a problem. I'd reduce power to increase battery life, but even at 10W with two external 4Ah NiMH packs it doesn't feel as if I could rely on it to go all day.

- Richard (M0RJC)

2009/9/17 DALE BLANCHARD <wa7ixk@...>

>
>
>
> ----- Original Message -----
> From: "Clark" <csturner@... <csturner%40slonet.org>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Sent: Thursday, September 17, 2009 7:23:04 AM GMT -08:00 US/Canada Pacific
> Subject: [FT897] Re: Any new battery solutions?
>
> Hi Larry - The W4RT batteries are really the same thing (cheaper and made
> by friends, though!) and I've always used their chargers here. Its just the
> NiMh internal cells do not allow for 100 watt operation at all, the new LiNo
> (did I get that right?) batteries (see buddipole site under "power") will
> give you the same a/h rating, roughly, as one of those NiMh batteries but
> its internal chemistry allows you to go ahead and draw 20 amps on transmit
> (even under contest transmit conditions, another ham reports he did this for
> an hour at 100 watts and the battery was still up for him.) I am very
> hopeful someone can develop a pack out of these cells that will fit inside
> the 897, it looks like the standard size is just a tenth of an inch too wide
> or something and then there's the shrink wrap covering.... but wouldn't it
> be nice to have the radio available, with internal cells, for up to 100 watt
> operation for an hour or two? My fondest wish.
>
> The nano-posphate batteries put out more amps for higher owered radios.
>
> They occupy more physical space for the same AH capacity so it is hard to
> get the same AH into the battery compartment.
>
> They do make the radio lighter and the wallet much more lighter.
>
> If you do not need the high amperage producing feature they are not
> economically feasible to use .
>
> Lithium Ion's are the better deal if you have the proper charging and
> discharging cutoff circuitry.

>
> Most newer HT's come with Li. The charge circuitry is built into the radio
> , just as in a laptop.
>
> Charge and discharge is simple but critical in charge and discharg voltage.
>
>
> Dale
>
> ,___
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27735. RE: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 15:19:21 UTC
From: Richard Drevo
Topic: 27719 Message: 27735

Rudi,

It has been my experience that the RJ-45 plug that Heil supplies DOES NOT FIT the Yaesu front panel audio plug. Heil says it does and Yaesu say its not our fault. There is definitely a problem with the plugs. So far, I have not used my Heil Headset with the FT-897. I might try going to Lowes , Radio Shack, etc. and buying a replacement RJ-45 Plug and see if it fits the FT-897 tightly.
(The problem is a "Form-Fit-Function" problem between the US and Japanese specification standards. What else can I say ??. its a REAL problem !!)
73es,
Dick, W3GNQ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of on7cl_rudi
Sent: Wednesday, September 16, 2009 11:05 AM
To: FT897@yahoogroups.com
Subject: [FT897] FT-897D and Heil Pro Set

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

[Non-text portions of this message have been removed]

27736. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 15:38:32 UTC
From: Gary Altig
Topic: 27719 Message: 27736

----- Original Message -----
From: Richard Drevo<mailto:rdrevo@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, September 17, 2009 8:19 AM
Subject: RE: [FT897] FT-897D and Heil Pro Set

Rudi,

It has been my experience that the RJ-45 plug that Heil supplies DOES NOT FIT the Yaesu front panel audio plug. Heil says it does and Yaesu say its not our fault. There is definitely a problem with the plugs. So far, I have not used my Heil Headset with the FT-897. I might try going to Lowes , Radio Shack, etc. and buying a replacement RJ-45 Plug and see if it fits the FT-897 tightly.
(The problem is a "Form-Fit-Function" problem between the US and Japanese specification standards. What else can I say ??. its a REAL problem !!)
73es,
Dick, W3GNQ

From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of on7cl_rudi
Sent: Wednesday, September 16, 2009 11:05 AM
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] FT-897D and Heil Pro Set

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27737. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 15:43:36 UTC
From: DALE BLANCHARD
Topic: 27719 Message: 27737

----- Original Message -----
From: "Richard Drevo" <rdrevo@...>
To: FT897@yahoogroups.com
Sent: Thursday, September 17, 2009 8:19:21 AM GMT -08:00 US/Canada Pacific
Subject: RE: [FT897] FT-897D and Heil Pro Set

Rudi,

It has been my experience that the RJ-45 plug that Heil supplies DOES NOT
FIT the Yaesu front panel audio plug. Heil says it does and Yaesu say its
not our fault. There is definitely a problem with the
plugs. So far, I have not used my Heil Headset with the FT-897. I might try
going to Lowes , Radio Shack, etc. and buying a replacement RJ-45 Plug and
see if it fits the FT-897 tightly.
(The problem is a "Form-Fit-Function" problem between the US and Japanese
specification standards. What else can I say ??. its a REAL problem !!)
73es,
Dick, W3GNQ

It is a Chinese problem. Every time some one copy's something instead of doing thier own engineering the tolerances get larger .

It goes from USA -Japan-Tia won-China. Then some one like Wal-Mart sends a Chinese copy to China to be copied.

I have seen problems with German and Italian copies also in the past.

Personally I have found RJ-45's very reliable. If they werent commercial two way radios would not use them . It is when some one makes a cheap copy of a cheap copy that their are problems. Look at some things at Radio Shack lately.

Dale

–

[Non-text portions of this message have been removed]

27738. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 15:49:22 UTC
From: DALE BLANCHARD
Topic: 27719 Message: 27738

RJ45 plugs are not designed to fit tightly. If they do you will have more problems.
Dale

It has been my experience that the RJ-45 plug that Heil supplies DOES NOT
FIT the Yaesu front panel audio plug. Heil says it does and Yaesu say its
not our fault. There is definitely a problem with the
plugs. So far, I have not used my Heil Headset with the FT-897. I might try
going to Lowes , Radio Shack, etc. and buying a replacement RJ-45 Plug and
see if it fits the FT-897 tightly.
(The problem is a "Form-Fit-Function" problem between the US and Japanese
specification standards. What else can I say ??. its a REAL problem !!)
73es,
Dick, W3GNQ

[Non-text portions of this message have been removed]

27739. Re: [FT897] FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 15:47:32 UTC
From: Gary Altig
Topic: 27719 Message: 27739

DE N7UVL,
While I have no experience with the Heil RJ Connector,
I have had many experiences with the RJ connector
itself. I have found a variety of RJ manufacturers
use different spacing & thickness between pins & the
plastic separators. I have found pins hung up due to
a mismatch between the plug & the socket. Some RJ's
have a "guide" plastic tip on the outside that can also
cause a mismatch. Although not a "catchall", I've
had the least problems with Amphenol RJ's. And got
those from "Graybar"./ga

----- Original Message -----
From: Richard Drevo<mailto:rdrevo@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Thursday, September 17, 2009 8:19 AM
Subject: RE: [FT897] FT-897D and Heil Pro Set

Rudi,

It has been my experience that the RJ-45 plug that Heil supplies DOES NOT
FIT the Yaesu front panel audio plug. Heil says it does and Yaesu say its
not our fault. There is definitely a problem with the
plugs. So far, I have not used my Heil Headset with the FT-897. I might try
going to Lowes , Radio Shack, etc. and buying a replacement RJ-45 Plug and
see if it fits the FT-897 tightly.
(The problem is a "Form-Fit-Function" problem between the US and Japanese
specification standards. What else can I say ??. its a REAL problem !!)
73es,
Dick, W3GNQ

From: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>] On Behalf Of
on7cl_rudi
Sent: Wednesday, September 16, 2009 11:05 AM
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>
Subject: [FT897] FT-897D and Heil Pro Set

Hello FM,

I have following problem.

When I connect my Heil Pro Set to the radio with the cable I need and when I
push the PTT I have a carrier even when I dont speak in the radio.

When I connect the original microphone I don't have the problem.

All info welcome.

Best 73 - Rudi - ON7CL / KB8TAB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27740. HEIL MIC AND 897

Yahoo group: FT897 (2009)
Date: 2009-09-17 18:20:09 UTC
From: gary mankoff
Topic: 27740 Message: 27740

I USE A GOLDLINE AND I SOUND LIKE AN FM STATION ON FM AND A SHORTWAVE AM STATION ON SSB A W2IHY EQ PLUS CAN MAKE OUR 897'S SOUND REAL GOOD HAVE ONE OF THOSE TOO
GARY
N6BIZ

[Non-text portions of this message have been removed]

27741. Re: japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-17 21:26:22 UTC
From: rschaffrath
Topic: 27660 Message: 27741

When I got my FT-897D I was very surprised that there were no memory programming calls in the CAT interface. The other rig I have been using for a long time (and still use) is a Yaesu FT-757GX II and that does support memory programming through CAT. It only uses six bytes per memory channel (frequency plus mode) but that is still too much for the five byte CAT interface. Yaesu's FT-757GX II solution is quite simple and I am surprised they did not carry it on to the newer rigs:

1) Using CAT, select either VFO A or B.
2) Set the desired frequency and mode.
3) Issue the SET MEMORY CAT command and specify the memory number to copy the VFO to.

Granted there are only ten memories in the FT-757GX II but Yaesu could just as easily have implemented CAT control for writing the FT-897D VFO to a selected memory. I wrote a C# program for saving and restoring the memories on my FT-757GX II. All I do is; 1) remember the VFO A settings and currently selected memory channel, 2) read in the saved memories from an XML file and write them one at a time to VFO A followed by a save memory to the specified channel, 3) restore the save VFO settings and memory channel when completed. I never bothered to write a similar application for the FT-897D as it was easier to purchase FTBasicMMO and have someone else support it! Plus I did not want to muck around with the EEPROM or reverse engineer the cloning protocol.

There is also the ADMS-4G software package for programming the FT-897D. That package appears to use the various undocumented CAT commands (read/write EEPROM?) to program the radio. I do not have the software package but I have read the documentation and there is no mention made of going into clone mode to use it. It is rather annoying that Yaesu has created these "undocumented API's" for the radio making it difficult to do certain necessary things.

Robert, N2JTX

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Thu, 2009-09-17 at 02:34 +0000, rschaffrath wrote:
> >
> The only provision
> That Yaesu has given to program memories is by cloning or by writing
> directly to the eeprom.
>
> CAT does not let you directly program memories, this is in part because
> CAT uses a fixed 5 byte command sequence and a memory for the
> FT-857/FT897 is 28 bytes (20 bytes on the FT-817 iirc).
>
> (snip)
>
> kc2dwq
> --

> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27742. RE: [FT897] Re: japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-17 21:43:26 UTC
From: eric@van-de-weyer.org
Topic: 27660 Message: 27742

Hi Robert,

I really don't see your problem, at least you can program it. If you had
an FT100 then you would NOT be able to computer program or clone it as there
is no CAT command to do so. It is the one major drawback of that radio (and
I have 2 of them). Other than that, though, they are an almost perfect radio.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "rschaffrath" <robert@...>
>Date: Thu, 17 Sep 2009 21:26:22 -0000
>Subject: [FT897] Re: japanese manual
>Reply-To: FT897@yahoogroups.com
>
>
>When I got my FT-897D I was very surprised that there were no memory programming
>calls in the CAT interface. The other rig I have been using for a long
time
>(and still use) is a Yaesu FT-757GX II and that does support memory programming
>through CAT. It only uses six bytes per memory channel (frequency plus
mode)
>but that is still too much for the five byte CAT interface. Yaesu's FT-757GX
>II solution is quite simple and I am surprised they did not carry it on
to
>the newer rigs:
>
>1) Using CAT, select either VFO A or B.
>2) Set the desired frequency and mode.
>3) Issue the SET MEMORY CAT command and specify the memory number to copy
>the VFO to.
>
>Granted there are only ten memories in the FT-757GX II but Yaesu could just
>as easily have implemented CAT control for writing the FT-897D VFO to a
selected
>memory. I wrote a C# program for saving and restoring the memories on my
>FT-757GX II. All I do is; 1) remember the VFO A settings and currently
selected
>memory channel, 2) read in the saved memories from an XML file and write
>them one at a time to VFO A followed by a save memory to the specified channel,
>3) restore the save VFO settings and memory channel when completed. I never
>bothered to write a similar application for the FT-897D as it was easier
>to purchase FTBasicMMO and have someone else support it! Plus I did not
>want to muck around with the EEPROM or reverse engineer the cloning protocol.
>

>There is also the ADMS-4G software package for programming the FT-897D.

>That package appears to use the various undocumented CAT commands (read/write
>EEPROM?) to program the radio. I do not have the software package but I
>have read the documentation and there is no mention made of going into clone
>mode to use it. It is rather annoying that Yaesu has created these "undocumented
>API's" for the radio making it difficult to do certain necessary things.
>
>Robert, N2JTX
>
>--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>>
>> On Thu, 2009-09-17 at 02:34 +0000, rschaffrath wrote:
>> >
>> The only provision
>> That Yaesu has given to program memories is by cloning or by writing
>> directly to the eeprom.
>>
>> CAT does not let you directly program memories, this is in part because
>> CAT uses a fixed 5 byte command sequence and a memory for the
>> FT-857/FT897 is 28 bytes (20 bytes on the FT-817 iirc).
>>
>> (snip)
>>
>> kc2dwq
>> --
>> Trixter http://www.0xdecafbad.com Bret McDanel
>> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>>
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>Yahoo! Groups Links
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27743. Re: [FT897] Re: japanese manual

Yahoo group: FT897 (2009)
Date: 2009-09-17 22:35:02 UTC
From: Trixter aka Bret McDanel
Topic: 27660 Message: 27743

On Thu, 2009-09-17 at 21:26 +0000, rschaffrath wrote:

> There is also the ADMS-4G software package for programming the
> FT-897D. That package appears to use the various undocumented CAT
> commands (read/write EEPROM?) to program the radio. I do not have the
> software package but I have read the documentation and there is no
> mention made of going into clone mode to use it. It is rather annoying
> that Yaesu has created these "undocumented API's" for the radio making
> it difficult to do certain necessary things.
>

historically ADMS by RT uses the clone featureset, and not the CAT
featureset.

The clone lets you transfer all memories and the radio takes care of
where to put them. The downside is that you have to put the radio into
a mode that precludes it from being used, transfer the entire memory
contents, then put the radio into a normal mode. The upside is that its
a supported feature by yaesu so if something goes wrong you can complain
to them instead of being told that you were doing naughty things.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27744. Re: Band change "feature"???

Yahoo group: FT897 (2009)
Date: 2009-09-18 00:26:44 UTC
From: GUILLOT JC
Topic: 17226 Message: 27744

I tried to retune to an Ham band and it does not work, I have to keep this extra band and live with it but I don't like it. The first time it happened I made a reset to the factory settings (V/M pushed while powering the rig) which scrapped many memory settings, I won't do it again as I had to rewrite some memories and it takes time but I would appreciate to find a way to eliminate these extra bands as I fear that in a few months I will have to move through hundreds of extra bands as I like to listen out of Ham bands.
If anybody knows how to do it, many thanks.

--- In FT897@yahoogroups.com, Graham Wright <graham-g4fuj@...> wrote:
>
> I think retuning the 'additional' band back into one
> of the ham bands. Next time you power the radio up
> the extra band will no longer be saved...
>
> Note I said "I think"!
>
> 73
> Graham G4FUJ
>
> --- Nick <G7IZR@...> wrote:
>
> > If I tune below a band, say tune below 21.000 to
> > 20.999, whenever I go
> > through the bands with the Band Up/Dwn buttons that
> > "extra" band is now
> > always there. I've replicated it by tuning to 27.900
> > and now that band
> > has been "added".
> >
> > How do I remove these extra bands so it just goes
> > back to tuning through
> > the ham bands? And it hasn't been modded so it won't
> > TX on them if that
> > helps...
> >
> > tnx, Nick G7IZR
> >
> >
> >
> >
> > Yahoo! Groups Links
> >
> >
> >
> >

> >
>

27745. Re: Band change "feature"???

Yahoo group: FT897 (2009)
Date: 2009-09-18 00:49:38 UTC
From: GUILLOT JC
Topic: 17226 Message: 27745

This extra-band is not so bad after all. I did some checks on the rig and understood that there is ONE extra-band for VFO, it moves and stays where you left it. I moved it to WWV 15.0 Mhz where it might be useful for fast frequency test and time checks.

27746. LITHIUM ION BATTERIES

Yahoo group: FT897 (2009)
Date: 2009-09-18 02:45:28 UTC
From: K9ZTV
Topic: 27716 Message: 27746

Gents . . .

What's the latest on Lithium Ion batteries and their propensity to explode?

Haven't heard much in the last year or so. There was an impressive clip on YouTube showing a laptop melting before your eyes due to the extreme heat generated by an errant Lithium Ion battery.

Pulling 20 amps out of them (that's a big battery) would seem to me an excellent time to wear asbestos.

73,

Kent K9ZTV

Someone wrote:
>
>
>
>
> Its just the NiMh internal cells do not allow for 100 watt operation
> at all, the new LiNo (did I get that right?) batteries (see buddipole
> site under "power") will give you the same a/h rating, roughly, as one
> of those NiMh batteries but its internal chemistry allows you to go
> ahead and draw 20 amps on transmit (even under contest transmit
> conditions, another ham reports he did this for an hour at 100 watts
> and the battery was still up for him.)
>

[Non-text portions of this message have been removed]

27747. Re: [FT897] LITHIUM ION BATTERIES

Yahoo group: FT897 (2009)
Date: 2009-09-18 02:59:47 UTC
From: Trixter aka Bret McDanel
Topic: 27716 Message: 27747

On Thu, 2009-09-17 at 21:45 -0500, K9ZTV wrote:
>
> Gents . . .
>
> What's the latest on Lithium Ion batteries and their propensity to
> explode?
>
> Haven't heard much in the last year or so. There was an impressive
> clip
> on YouTube showing a laptop melting before your eyes due to the
> extreme
> heat generated by an errant Lithium Ion battery.
>
> Pulling 20 amps out of them (that's a big battery) would seem to me
> an
> excellent time to wear asbestos.

that is why the lithium nanophosphate is supposed to be so good. Its basically a lithium ion battery enhanced with nano technology. They can drain faster without battery damage as well as charge faster or something. They should be less likely to explode.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27748. Re: [FT897] LITHIUM ION BATTERIES

Yahoo group: FT897 (2009)
Date: 2009-09-18 04:28:07 UTC
From: carl
Topic: 27716 Message: 27748

There was a recent report of a Tesla catching fire in the US, battery
problems.
Carl VK3EMF

Trixter aka Bret McDanel wrote:
>
>
> On Thu, 2009-09-17 at 21:45 -0500, K9ZTV wrote:
> >
> > Gents . . .
> >
> > What's the latest on Lithium Ion batteries and their propensity to
> > explode?
> >
> > Haven't heard much in the last year or so. There was an impressive
> > clip
> > on YouTube showing a laptop melting before your eyes due to the
> > extreme
> > heat generated by an errant Lithium Ion battery.
> >
> > Pulling 20 amps out of them (that's a big battery) would seem to me
> > an
> > excellent time to wear asbestos.
>
> that is why the lithium nanophosphate is supposed to be so good. Its
> basically a lithium ion battery enhanced with nano technology. They can
> drain faster without battery damage as well as charge faster or
> something. They should be less likely to explode.
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com <http://www.0xdecafbad.com> Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
> <http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
>
>

[Non-text portions of this message have been removed]

27749. Re: Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-18 09:06:24 UTC
From: nr3r15
Topic: 27712 Message: 27749

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> Thanks for the reply. I was curious about the mic gain as well as any processing. Are you running the voice processor? If so, what are the settings?

no, no voice processor...just turned up mic gain from default 50 to 85.

Larry / nr3r

27750. Re: FT-897D and Heil Pro Set

Yahoo group: FT897 (2009)
Date: 2009-09-17 13:50:59 UTC
From: opensource_redneck
Topic: 27719 Message: 27750

I have/had the same problem, but it was only on the HF bands...never occurred on VHF/UHF. This of course would only happen when I had my foot switch plugged in, I could remove the foot switch and use the PTT key on the mic and it would work fine. After testing every connection known to man, I noticed the cable for my foot switch was wrapped around my HF coax on the way out of the shack. I simply moved the two cables away from each other and it magically stopped "self modulating". It appears that there was a little bit of RF getting into the foot switch cable. Let me know if this helps you in any way!

Kris 'K5KRK'

--- In FT897@yahoogroups.com, "on7cl_rudi" <cl.rudi@...> wrote:
>
> Hello FM,
>
> I have following problem.
>
> When I connect my Heil Pro Set to the radio with the cable I need and when I push the PTT I have a carrier even when I dont speak in the radio.
>
> When I connect the original microphone I don't have the problem.
>
> All info welcome.
>
> Best 73 - Rudi - ON7CL / KB8TAB
>

27751. RTTY with the 300hz filter

Yahoo group: FT897 (2009)
Date: 2009-09-18 14:44:44 UTC
From: John Geiger
Topic: 27751 Message: 27751

Is the 300hz mechanical CW filter still wide enough to use with RTTY, or would the 500hz filter work better?

73s John AA5JG

27752. FT897D and Pro set - Problem solved

Yahoo group: FT897 (2009)
Date: 2009-09-18 14:54:24 UTC
From: on7cl_rudi
Topic: 27752 Message: 27752

Hello FM,

It was a faulty cable, got replacement from the shop, all working ok now.

Best 73 - Rudi - ON7CL / KB8TAB

27753. Re: [FT897] Re: Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-18 17:22:00 UTC
From: DavidN
Topic: 27712 Message: 27753

--- In FT897@yahoogroups.com, "Larry wrote:
>
> no, no voice processor...just turned up mic gain from default 50 to 85.

Larry / nr3r

Is that on SSB, FM or both? With my MH-56 I found I had to turn the
mic gain down to 15 on SSB and up to 85 on FM...

David G4TUP.

On 9/18/09, nr3r15 <nr3r15@...> wrote:
> --- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>>
>> Thanks for the reply. I was curious about the mic gain as well as any
>> processing. Are you running the voice processor? If so, what are the
>> settings?
>
>
> no, no voice processor...just turned up mic gain from default 50 to 85.
>
> Larry / nr3r
>
>

27754. Re: [FT897] RTTY with the 300hz filter

Yahoo group: FT897 (2009)
Date: 2009-09-18 18:09:11 UTC
From: Florentin Nastase
Topic: 27751 Message: 27754

I have 300Hz and all ok for 170/45 ... (for contests)
73's
Florentin YO9BXC.
--- On Fri, 9/18/09, John Geiger <aa5jg@...> wrote:

From: John Geiger <aa5jg@...>
Subject: [FT897] RTTY with the 300hz filter
To: ft857@yahoogroups.com, ft-857@yahoogroups.com, ft897@yahoogroups.com, yaesu@mailman.qth.net
Date: Friday, September 18, 2009, 7:44 AM

Is the 300hz mechanical CW filter still wide enough to use with RTTY, or would the 500hz filter work better?

73s John AA5JG

[Non-text portions of this message have been removed]

27755. Re: [FT897] LITHIUM ION BATTERIES

Yahoo group: FT897 (2009)
Date: 2009-09-18 22:58:06 UTC
From: Alan Barrow
Topic: 27716 Message: 27755

K9ZTV wrote:
> Gents . . .
>
> What's the latest on Lithium Ion batteries and their propensity to explode?
>

Popular topic, and lot's of misinformation out there. Here's a recent post on the 857 list:

Mark wrote:

> > As for the other Lipo features.
> >
> > Yes they blow up and catch on fire if charge wrongly or short circuited.
> >
> >
>
Not quite that simple. LiPo's (Lithium Polymer) should not "blow up", though they can & do catch fire. LiIon's were more violent in their reaction, but even then it was not an explosion in the "bomb" sense with a chemical whatever-thermic reaction, more of the case popping and burning. It's a lively event, no question about that... but it's not an explosion in the same sense as gunpowder or other explosives.

The later Li variants are even less likely to burn/react, some are considered safe as NiMH in this regard.

That said, NiMH, and NiCad's both can "explode" in the same sense that Li-Ion can if mishandled. It's pressure venting in the case. And they can burn, but are far less likely to and usually easier to extinguish.

Lithium *primary* (non-rechargable) are the source of the most concern, as they are very hard to put out. They are also the source of most of the airline/freight battery fires of note. Consumer Li-Ion packs do have incidences, but are not the same source of concern to the NTSB as they can be extinguished easily. This is born out in the regulations regarding air travel with Li* batteries. Unless you have a huge (and very expensive) Li* array, you can carry them on with no problem. Check to make sure, do the math on the watts, etc.

Key on all of these is to avoid shorts, charge with an appropriate charger, and don't charge unattended. For the larger hobby Li* batteries most people charge in an ammo can, or aluminum pan. Some use a small sandbag on top of the battery, if it ignites the bag melts & smothers the fire.

Again, non of this is exclusive to Li* batteries, short circuit a NiMH or NiCad and you'll have a problem and potential fire, just maybe not a dramatic.

On the voltage issue, Yaesu spec's 13.8v +- 10%. But the real limiting factor is what are the components rated at, etc. Some are borderline for that spec, some have way more headroom. The fact that the 897 factory NiMH's slightly exceed that spec at full charge tells you there is some headroom there.

I've used an 857 installed in a '03 pickup for 100k+ miles, no problems. So like yaesu indicates, it's safe to use in "12v" vehicles. If you had exotic battery technology that you knew routinely exceeded the spec, then put a diode drop or to in series to knock it down .7v. Use a power silicon rectifier diode with appropriate current rating, parallel matched devices as needed. Using 2 legs of a full wave rectifier is a good way to get matched diodes cheaply.

For portable Li* usage, use a couple of diode drops as needed when the battery is full, and have a switch that can bypass the diode drops (just put the switch in parallel) for when the battery voltage is lower. If you were clever, you could have a latching relay setup that did this automatically.

Have fun,

Alan
km4ba

27756. Question re: auto tuner operation

Yahoo group: FT897 (2009)
Date: 2009-09-18 23:22:35 UTC
From: thb201
Topic: 27756 Message: 27756

Hello group:

I've recently purchased the new dedicated LDG YT-100 tuner for my FT-897D. So far it seems to work quite well but I'm still running it through it's paces with various antennas. I've also have an SGC MAC-200 auto tuner that I bought some time ago. Already I've noticed a significant difference between the two. The SGC is the only auto tuner I've had any experience with prior to purchasing the LDG YT-100.

I have a shortened 40m vertical that is quite narrow in bandwidth. I mostly operate in the lower (below 7.100 MHz.) portion of the band where we hams in Canada are allowed to operate phone. When I move up the band the SWR of course starts to rise quite rapidly and I need to re-tune. With the LDG tuner, if I've first tuned up on the bottom of the band and then move up in freq. I have to push the tune button again to re-tune. However with the SGC tuner I don't have to do anything. As soon as I transmit it automatically senses a rise in SWR and goes into a re-tune cycle on it's own. In fact the SGC tuner doesn't even have a tune button. It measures the transmit frequency, checks the match and then goes into an auto tune cycle if the SWR exceeds some preset limit.

As these are the only two auto tuners I've ever used I'm curious as to whether or not the SGC is unusual in this way, or is it more common to have to push a button to re-tune as with the LDG tuner. I notice other LDG tuners also have a tune button, as do many rigs with internal tuners. I guess what I'm wondering is if the SGC is a "true" auto tuner in that you do not have to intervene in any way with it for it to do it's job, while the LDG tuner might be more correctly called a "semi-auto" tuner in that it will auto tune once you have manually told it to do so by pushing the tune button?

I will say that having true one touch tuning with the LDG YT-100 (not having to switch to a constant carrier mode, reduce power, tune, and then revert back) is really quite nice. Even the SGC won't do this.

Thanks in advance for your comments.

73
John
VE3CXB

27757. Re: [FT897] LITHIUM ION BATTERIES

Yahoo group: FT897 (2009)
Date: 2009-09-19 09:11:09 UTC
From: DavidN
Topic: 27716 Message: 27757

The Battery University has a lot of in-depth knowlegde on this subject, here:

http://www.batteryuniversity.com/partone.htm

David G4TUP.

On 9/18/09, Alan Barrow <ml9003@...> wrote:
> K9ZTV wrote:
>> Gents . . .
>>
>> What's the latest on Lithium Ion batteries and their propensity to
>> explode?
>>
>
> Popular topic, and lot's of misinformation out there. Here's a recent
> post on the 857 list:
>
> Mark wrote:
>
>> > As for the other Lipo features.
>> >
>> > Yes they blow up and catch on fire if charge wrongly or short circuited.
>> >
>> >
>> >
>>
> Not quite that simple. LiPo's (Lithium Polymer) should not "blow up",
> though they can & do catch fire. LiIon's were more violent in their
> reaction, but even then it was not an explosion in the "bomb" sense with
> a chemical whatever-thermic reaction, more of the case popping and
> burning. It's a lively event, no question about that... but it's not an
> explosion in the same sense as gunpowder or other explosives.
>
> The later Li variants are even less likely to burn/react, some are
> considered safe as NiMH in this regard.
>
> That said, NiMH, and NiCad's both can "explode" in the same sense that
> Li-Ion can if mishandled. It's pressure venting in the case. And they
> can burn, but are far less likely to and usually easier to extinguish.
>
> Lithium *primary* (non-rechargable) are the source of the most concern,
> as they are very hard to put out. They are also the source of most of
> the airline/freight battery fires of note. Consumer Li-Ion packs do have
> incidences, but are not the same source of concern to the NTSB as they
> can be extinguished easily. This is born out in the regulations
> regarding air travel with Li* batteries. Unless you have a huge (and

> very expensive) Li* array, you can carry them on with no problem. Check
> to make sure, do the math on the watts, etc.
>
> Key on all of these is to avoid shorts, charge with an appropriate
> charger, and don't charge unattended. For the larger hobby Li* batteries
> most people charge in an ammo can, or aluminum pan. Some use a small
> sandbag on top of the battery, if it ignites the bag melts & smothers
> the fire.
>
> Again, non of this is exclusive to Li* batteries, short circuit a NiMH
> or NiCad and you'll have a problem and potential fire, just maybe not a
> dramatic.
>
> On the voltage issue, Yaesu spec's 13.8v +- 10%. But the real limiting
> factor is what are the components rated at, etc. Some are borderline for
> that spec, some have way more headroom. The fact that the 897 factory
> NiMH's slightly exceed that spec at full charge tells you there is some
> headroom there.
>
> I've used an 857 installed in a '03 pickup for 100k+ miles, no problems.
> So like yaesu indicates, it's safe to use in "12v" vehicles. If you had
> exotic battery technology that you knew routinely exceeded the spec,
> then put a diode drop or to in series to knock it down .7v. Use a power
> silicon rectifier diode with appropriate current rating, parallel
> matched devices as needed. Using 2 legs of a full wave rectifier is a
> good way to get matched diodes cheaply.
>
> For portable Li* usage, use a couple of diode drops as needed when the
> battery is full, and have a switch that can bypass the diode drops
> (just put the switch in parallel) for when the battery voltage is lower.
> If you were clever, you could have a latching relay setup that did this
> automatically.
>
> Have fun,
>
> Alan
> km4ba
>
>
>
>

27758. Re: Heil GM Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-19 10:34:16 UTC
From: nr3r15
Topic: 27712 Message: 27758

>
>
> Is that on SSB, FM or both? With my MH-56 I found I had to turn the
> mic gain down to 15 on SSB and up to 85 on FM...
>
> David G4TUP.

That is on SSB and FM both. When I got my mics the recommendation was to turn it up. I tried to find the instructions all I could come up with is the pamphlit that came with the mic and in it I quote from Heil...."Mic Gain--Adjust the mic gain while watching the ALC meter. Adjust so that the audio peaks just fill out the ALC scale and do not go beyond the ALC scale." also the mic is made not to talk more than 2 inches from it. These mics are very sensitive. They are made so as not to pick up background noise, hence the turning up the mic.
I leave all my radios on 85 mic gain all the time and have very good reports. When I listen to myself from another receiver the Heil is 110% better sounding than any of the Yaesu standard mics.

Larry / nr3r

Hope this helps.

27759. Re: [FT897] Re: Heil Microphone

Yahoo group: FT897 (2009)
Date: 2009-09-19 10:43:38 UTC
From: Chris Baker
Topic: 27759 Message: 27759

There is info on the Heil page on setting up a heil mic on the rigs which would be worth checking.

I checked with them and got the following for my 897/817 set up:

"Generally, we recommend that you start with the 897 DSP EQ turned off. Then, especially for DX working, set the TX USB CAR and TX LSB CAR menu items in each radio for a positive shift, perhaps +100 to +150 Hz. That will give lots of good zip to your signal, and particularly in the case of the 817 it will really help your DX results.

Once you get the carrier shift set up right, you may experiment with the DSP EQ on the 897 (the 817 doesn't have this, of course), but I suspect you'll end up leaving it off."

I use the Dx insert and on HF SSB have the proc level @ 70 and mic gain @ 40 on FM the mic gain is 10.

Chris

G4LDS

[Non-text portions of this message have been removed]

27760. Working over VO-52 ??

Yahoo group: FT897 (2009)
Date: 2009-09-19 20:02:36 UTC
From: Ron
Topic: 27760 Message: 27760

Hello, Reader

As a newby, i wonder how to setup the ft-897 for use on the VO52 satellite, how must i do this, i have seen a lot of movies on youtube, but is this also possible with the FT897, and how must this been done.

Perhaps someone use this radio for sattelite comunication and is willing to explain this to me, or perhaps someone can give me a link to read something about using the ft897 with satellite,s.

Thanks for reading this question and perhaps you have the help that i need.

Kind regards

Ron Snijders (PD1ANB)

27761. Re: [FT897] Working over VO-52 ??

Yahoo group: FT897 (2009)
Date: 2009-09-19 21:42:33 UTC
From: John Bucsek
Topic: 27760 Message: 27761

There is a section in the ft897 manual that runs you through the setup for AO-51 (i think) as an example. It's pretty clear on how to do it.

John - KE7WNB

Sent from my iPhone

On Sep 19, 2009, at 1:02 PM, "Ron" <rsnhvd@...> wrote:

Hello, Reader

As a newby, i wonder how to setup the ft-897 for use on the VO52 satellite, how must i do this, i have seen a lot of movies on youtube, but is this also possible with the FT897, and how must this been done.

Perhaps someone use this radio for sattelite comunication and is willing to explain this to me, or perhaps someone can give me a link to read something about using the ft897 with satellite,s.

Thanks for reading this question and perhaps you have the help that i need.

Kind regards

Ron Snijders (PD1ANB)

[Non-text portions of this message have been removed]

27762. Re: Question re: auto tuner operation

Yahoo group: FT897 (2009)
Date: 2009-09-20 03:03:55 UTC
From: stykemup
Topic: 27756 Message: 27762

--- In FT897@yahoogroups.com, "thb201" <hudakjm@...> wrote:
> As these are the only two auto tuners I've ever used I'm curious as to whether or not the SGC is unusual in this way, or is it more common to have to push a button to re-tune as with the LDG tuner. I notice other LDG tuners also have a tune button, as do many rigs with internal tuners. I guess what I'm wondering is if the SGC is a "true" auto tuner in that you do not have to intervene in any way with it for it to do it's job, while the LDG tuner might be more correctly called a "semi-auto" tuner in that it will auto tune once you have manually told it to do so by pushing the tune button?
>
> I will say that having true one touch tuning with the LDG YT-100 (not having to switch to a constant carrier mode, reduce power, tune, and then revert back) is really quite nice. Even the SGC won't do this.
>
> Thanks in advance for your comments.
>
> 73
> John
> VE3CXB
>
John:
"The YT-100 provides semi-automatic antenna tuning". This is in the manual for the unit.
It's a great tuner and has plenty of memories and will tune, manually/automatically in a second from memory.
It is also less than 1/2 the price of the other and works faster as you already know... hit the button and go.
73's
Bill,
k3waw

[Non-text portions of this message have been removed]

27763. Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-20 08:19:45 UTC
From: Rex
Topic: 27623 Message: 27763

Try USER-U for 38 and change 039 to give the correct offset for your filter..?

--- In FT897@yahoogroups.com, "milani_emiliano" <emiliano_milani@...> wrote:
>
> Hi all,
> sorry for my very poor english.
> In digital mode PSK31-U (menù 038) and menù 086 set to 500 when i insert the 500 Hz filter the center band in my waterfall on place at 1000 Hz. When i go in tx, with the psk channel centered at 1000 Hz, nothing go on-air. Why does the BFO for reconstruction of carrier ssb go down of only 1000 Hz instead of the 1500 Hz standard?
> Thanks in advance
> Emiliano iz3lef
>

27764. Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-20 12:26:22 UTC
From: iz0inx
Topic: 27623 Message: 27764

Yes, this would be a solution, but the question is that all the filters look like to work in this way.
I have the same setup, with original Yaesu filters, and I experienced the same problem.
It's very strange that Yaesu suggests in the ueser's manual to activate in also TX the narrow filter in PSK31 and then, with the normal settings, nothing works ....

Fil - IZ0INX

--- In FT897@yahoogroups.com, "Rex" <rexle5ter@...> wrote:
>
> Try USER-U for 38 and change 039 to give the correct offset for your filter..?
>
>

27765. Re: [FT897] Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-20 15:53:27 UTC
From: Florentin Nastase
Topic: 27623 Message: 27765

I have 300Hz filter and all OK for psk-31-63-125, also RTTY 175/45, for me is vy good....
73's
Florentin YO9BXC

--- On Sun, 9/20/09, iz0inx <iz0inx@mclink.it> wrote:

From: iz0inx <iz0inx@...>
Subject: [FT897] Re: FT-897D, PSK31-U and filter 500 Hz.
To: FT897@yahoogroups.com
Date: Sunday, September 20, 2009, 5:26 AM

Yes, this would be a solution, but the question is that all the filters look like to work in this way.
I have the same setup, with original Yaesu filters, and I experienced the same problem.
It's very strange that Yaesu suggests in the ueser's manual to activate in also TX the narrow filter in PSK31 and then, with the normal settings, nothing works ....

Fil - IZ0INX

--- In FT897@yahoogroups. com, "Rex" <rexle5ter@. ..> wrote:
>
> Try USER-U for 38 and change 039 to give the correct offset for your filter..?
>
>

[Non-text portions of this message have been removed]

27766. Re: [FT897] Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-20 15:57:44 UTC
From: Florentin Nastase
Topic: 27623 Message: 27766

Also I am using CT62 (CAT cable), in psk I used in men#38 PSK-L for PSK and RTTY-L for RTTY, also for digitals modes "DIG" modes...
see you in the the bands....
73's
Florentin YO9BXC.

--- On Sun, 9/20/09, iz0inx <iz0inx@mclink.it> wrote:

From: iz0inx <iz0inx@...>
Subject: [FT897] Re: FT-897D, PSK31-U and filter 500 Hz.
To: FT897@yahoogroups.com
Date: Sunday, September 20, 2009, 5:26 AM

Yes, this would be a solution, but the question is that all the filters look like to work in this way.
I have the same setup, with original Yaesu filters, and I experienced the same problem.
It's very strange that Yaesu suggests in the ueser's manual to activate in also TX the narrow filter in PSK31 and then, with the normal settings, nothing works ....

Fil - IZ0INX

--- In FT897@yahoogroups. com, "Rex" <rexle5ter@. ..> wrote:
>
> Try USER-U for 38 and change 039 to give the correct offset for your filter..?
>
>

[Non-text portions of this message have been removed]

27767. please help me decide: 897D with internal batteries vs. 857D with external batteries

Yahoo group: FT897 (2009)
Date: 2009-09-21 07:17:16 UTC
From: ZephyrNewYork
Topic: 27623 Message: 27767

Greetings all,

I need some decision making help. I thought I was going to purchase the 897D for portable and base use, but I recently found out that the 857D can be used with lightweight batteries such as Buddipole's A123s. Now I have some questions:

1. What are the pros & cons of the 857D with Buddipole A123 or other external batteries vs. the 897D with internal batteries?

2. Do the A123 or other aftermarket batteries last longer than Yaesu's internal 897D batteries?

3. Do the aftermarket 857D batteries just hook up to the radio, or is there a case for the batteries?

4. Are the aftermarket 857D batteries water resistant?

5. What is the difference in weight and size between the 857D with external batteries and the 897D with internal batteries?

6. Who has pix of their 857D with such batteries? Please post.

Thanks.

73,
Frank
Click or copy the link below to help a Paramedic & other volunteers provide free medical care to poor children & adults in a very remote location who otherwise would not have access to medical care. Any type of help will be appreciated. If you're unable to donate, please spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

[Non-text portions of this message have been removed]

27768. Re: [FT897] please help me decide: 897D with internal batteries vs. 857D with external batteries

Yahoo group: FT897 (2009)
Date: 2009-09-21 08:24:38 UTC
From: Trixter aka Bret McDanel
Topic: 27623 Message: 27768

On Mon, 2009-09-21 at 00:17 -0700, ZephyrNewYork wrote:

> 1. What are the pros & cons of the 857D with Buddipole A123 or other
> external batteries vs. the 897D with internal batteries?
>
external batteries means something external to carry, cables to bring
along, etc. The 857 is smaller than the 897, so that offsets some of
the external issues.

the 897 with internal batteries will run lower power outputs (20W iirc
on all bands) when using the internal batteries, however external ones
that provide enough current will let it to full output.

I selected the 897 because I have the option of both internal and
external batteries. I can run the DC wiring harness into a battery bank
if I want to, or I can just 'grab and go' with it using the internal
batteries. My friend opted for the 857 because he is poor :P

As for cases for the batteries, it depends, if you get a deep cycle at
walmart you can also get a battery box for it, and even use that to
mount molex connectors, cigar lighter adapter, whatever you need on the
same box so its a "grab and go" battery pack. If you wanted something
smaller you could do that as well.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27769. Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-21 12:18:58 UTC
From: Geert Jan de Groot
Topic: 27769 Message: 27769

> I need some decision making help. I thought I was going to purchase the
> 897D for portable and base use, but I recently found out that the 857D
> can be used with lightweight batteries such as Buddipole's A123s.

Or, use 897D with external battaries. That would be my choice,
and that's what I have.

Look, for all the things the 8X7 is, it's not quite power-efficient
in receive mode and the box *will* drain the internal battaries in
just a few hours. In that regard, the capacity of the internal
cells (and hence the lifetime of a single charge) isn't impressive:
you won't listen on them for very long.

Charging the 897 cells, with an external wart en extra cabling,
is a major pain, and only one pack can be charged simultaniously.
The 897 with internal cells weighs quite a bit, obviously the same
total weight as an 897 w/ external cells but then the weight
can be separated when you are carrying things.

When you use the radio in base, the built-in power supply is darn
convinient. When you go out, an extra power cable and the
battary-pack-du-jour is all you need to get off-grid.

There's a lot of developments in battaries in the coming years,
and IMHO it doesn't make sense to lock yourself with
(legacy) NiCd/NiMh cells. If you do use other technologies,
then a simple interface "this is where 12Vout is" is a lot
more simple than finding that you can't fit the new cells,
can't charge them without a special charger, can't swap them, etc
Be it the Buddipole A123 or some future product, a pair of powerpoles
(or, heaven forbid, 2 12V banana's, as I have them).

The 8X7 (x=5,9) uses more than 1A with receive alone. A 2.3Ah pack
isn't going to last long, and even a 4.6Ah pack will be gone
after just a few QSO's.
Simple, gell-cell lead packs are relatively cheap (7Ah is used
in burglar alarm systems). They'll be gone in 3 years,
who knows what technology exists then.
Just build one in a compact wooden box, with switch, fuse and handle
and you'll be good to go.
Neither the A123 cells, nor the 7Ah, will stand a long extensive
ragchew on 100W. It's just a different mode of operation.

I do think the buddipole packs are spectacular but would suggest
an 817 or K2 or thereabouts, it's a closer match and for that,
very tempting indeed.

Geert Jan

27770. Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-21 14:37:47 UTC
From: zephyrnewyork
Topic: 27769 Message: 27770

Geert Jan,

Thanks for all the useful info. From where do you purchase your
batteries? Online or at a store?

73,
Frank

Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Mon, Sep 21, 2009 at 08:18, Geert Jan de Groot <pe1hzg@...> wrote:
...

> I do think the buddipole packs are spectacular but would suggest
> an 817 or K2 or thereabouts, it's a closer match and for that,
> very tempting indeed.
>
> Geert Jan
>
>

27771. Re: [FT897] Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-21 15:54:34 UTC
From: Trixter aka Bret McDanel
Topic: 27769 Message: 27771

On Mon, 2009-09-21 at 10:37 -0400, zephyrnewyork wrote:
>
> Geert Jan,
>
> Thanks for all the useful info. From where do you purchase your
> batteries? Online or at a store?

personally I run the numbers and whatever is cheapest to my door
(including any taxes and shipping fees). Ebay seems to be cheapest more
often than not.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27772. Re: CAT

Yahoo group: FT897 (2009)
Date: 2009-09-21 18:05:28 UTC
From: kav246
Topic: 1436 Message: 27772

Hello

I seem to remember previous posts about noise from HRD suggested that lowering the baud rate reduced it to a well useable level. It might be worth trying if your not already on the deck!

Regards

27773. Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-21 20:06:37 UTC
From: Geert Jan de Groot
Topic: 27769 Message: 27773

On Mon, 21 Sep 2009 10:37:47 -0400 zephyrnewyork wrote:
> Thanks for all the useful info. From where do you purchase your
> batteries? Online or at a store?

I buy my batteries online at a place like Farnell or a local outlet,
though the latter is diminishing unfortunately.

For 12V 7Ah packs, ask a burglar alarm maintenance person as they
typically pull the packs after 3 years of service.
Often they are past their prime but sometimes they have some good life
left into them, and given that they are chemical waiste and cost
money to dispose of, these techs are usually happy to hand them to you.

Again, this is the raw, generic battery. Built wooden box, add banana plugs
and fuse and have something modular and generic that fits all my radios,
in fact all my 12V portable requirements.

Geert Jan

27774. RE: [FT897] Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-21 20:13:26 UTC
From: Matt Patterson
Topic: 27769 Message: 27774

Also might try the Biomed Dept at your local hospital. I used to work in the hospitals IT department and got to talking to the manager of the biomed department and come to find out a lot of the medical equipment they service uses SLA type batteries that they are required to replace ever so often. A lot of times the batteries were perfectly fine. They were taking them to the scrap yard so I asked if I could take them and they let me have all I wanted. Most are nice 26ah batteries too. So hit up your local Hospital. You never know what you might find.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Geert Jan de Groot
Sent: Monday, September 21, 2009 3:07 PM
To: zephyrnewyork
Cc: FT897@yahoogroups.com
Subject: [FT897] Re: 897D with internal batteries vs. 857D with ext batt

On Mon, 21 Sep 2009 10:37:47 -0400 zephyrnewyork wrote:
> Thanks for all the useful info. From where do you purchase your
> batteries? Online or at a store?

I buy my batteries online at a place like Farnell or a local outlet, though the latter is diminishing unfortunately.

For 12V 7Ah packs, ask a burglar alarm maintenance person as they typically pull the packs after 3 years of service.
Often they are past their prime but sometimes they have some good life left into them, and given that they are chemical waiste and cost money to dispose of, these techs are usually happy to hand them to you.

Again, this is the raw, generic battery. Built wooden box, add banana plugs and fuse and have something modular and generic that fits all my radios, in fact all my 12V portable requirements.

Geert Jan

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.111/2386 - Release Date: 09/21/09 05:51:00

[Non-text portions of this message have been removed]

27775. Re: please help me decide: 897D with internal batteries vs. 857D with external batteries

Yahoo group: FT897 (2009)
Date: 2009-09-21 21:10:30 UTC
From: finnigann2580
Topic: 27623 Message: 27775

--- In FT897@yahoogroups.com, ZephyrNewYork <ZephyrNewYork@...> wrote:
>
> Greetings all,
>
> I need some decision making help. I thought I was going to purchase the 897D for portable and base use, but I recently found out that the 857D can be used with lightweight batteries such as Buddipole's A123s. Now I have some questions:

For me, the difference wasn't the internal battaries or not, but the physical size of the radio. I don't have a young mans eye sight, so I wanted a radio with controls I could see and manipulate.

The 897 has better spacing and button size over the 857.

After I bought my radio (the 897) I saw an 857 and was very glad I bought what I did.

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27776. BHI DSP for PKT/Data 1200 BPS out too

Yahoo group: FT897 (2009)
Date: 2009-09-21 21:21:01 UTC
From: whiskeyalpha2tango
Topic: 27776 Message: 27776

Greetings guys,

Just wanted to see if anyone has already done this (as I plan on doing) along with the install of the BHI DSP module. I want to have the DSP benefits available for use on digital modes as well, here is how to do it:

Stand C1473 on end, lifting the end connected to R1444 (why the 897 install instructions says to use a 10 nF instead of re-using this cap I dunno). Then, disconnect the end of R1444 from the end which connected to C1473 and either stand it on end as well or angle it toward the end of C1473 that is still connected to the board. Flywire the open end of R1444 to C1473 (board end). Connect the BHI module as instructed but connect the blue wire to the open end of C1473 thereby using it as the DC block (instead of another cap as suggested).

Now, the input to the 1200 BPS out op-amp is connected to the DSP module output instead of before it and the DSP module will improve both the rig audio and the PKT/Data 1200 BPS line out.

Thoughts and/or comments welcome.

73,

Bob, WA2T

27777. Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-21 22:10:01 UTC
From: whiskeyalpha2tango
Topic: 27623 Message: 27777

I am a PSK newbie so forgive me if this is a silly thought but I thought the idea would be to open the IF up as far as possible (like SSB or even a cap across one of the filter positions I have seen somewhere?) so one can decode as many signals as the program is able to? Using DM-780 and the superbrowser (very cool BTW), it uses most or all of the audio passband and shows multiple decodes of streams.

What is the other side of the coin so to speak? Eliminating QRM? I have yet to see a QRM situation in my limited experience in what seems to be the "usual" frequencies on the bands open at the time.

73,

Bob, WA2T

27778. radio turning off

Yahoo group: FT897 (2009)
Date: 2009-09-21 17:08:07 UTC
From: kaare110
Topic: 27778 Message: 27778

Hi, suddenly my radio got some problems,
When i turn on power suply and turn on the radio it works for 20-40 sek. everything is normal.
but i have some scratching noise on the speaker (org and ext speaker)
and then i turns off and i cant turn on without turn the powersuply off for a while. it can also suddenly start to turn on and off very quicly, diplay blinks on and off

27779. Re: Any new battery solutions?

Yahoo group: FT897 (2009)
Date: 2009-09-19 16:42:36 UTC
From: alex_rk3bu
Topic: 27716 Message: 27779

--- In FT897@yahoogroups.com, "Clark" <csturner@...> wrote:
>
> Just curious, are there any new internal battery solutions for the 897 these days? please let me know.
>
> Clark
> WA3JPG
>
For my 110mile(170km) trip on kanoe with my XYL to the unihabitant Northen Part of Russia-Kolskiy pininsular I have inserted to the bottom of my FT-897D 11 peaces 1.2v 10000ma/h batterys by ANSMANN.It was possible to work in the air with 35-50wats out for 3-5 days. The pictures could be seen here, in "files' and on our russian QRZ forum
http://forum.qrz.ru/thread23727.html
Pictures of my trip here: http://forum.qrz.ru/thread23145-21.html
For recovering batterys I was using Mono-cristal portable Sun Charger where the charging current was reaching 1.2A during the full sun weather.....

27780. Re: [FT897] radio turning off

Yahoo group: FT897 (2009)
Date: 2009-09-21 23:43:45 UTC
From: Mike Rhodes
Topic: 27778 Message: 27780

Have you tried a different power supply yet?

Mike / W8DN

****

kaare110 wrote:
>
>
> Hi, suddenly my radio got some problems,
> When i turn on power suply and turn on the radio it works for 20-40
> sek. everything is normal.
> but i have some scratching noise on the speaker (org and ext speaker)
> and then i turns off and i cant turn on without turn the powersuply
> off for a while. it can also suddenly start to turn on and off very
> quicly, diplay blinks on and off
>
>

27781. Re: [FT897] radio turning off

Yahoo group: FT897 (2009)
Date: 2009-09-22 01:25:46 UTC
From: n5ztw@texasdata.net
Topic: 27778 Message: 27781

Monitor your voltage output from the power supply on a DVM
or better yet oscilloscope.
If you have a scope try looking at the ripple. Suspect a bad
power supply or connection.
Bill N5ZTW

----- Original Message Follows -----
From: "kaare110" <kaare110@...>
To: FT897@yahoogroups.com
Subject: [FT897] radio turning off
Date: Mon, 21 Sep 2009 17:08:07 -0000

> Hi, suddenly my radio got some problems,
> When i turn on power suply and turn on the radio it works
> for 20-40 sek. everything is normal. but i have some
> scratching noise on the speaker (org and ext speaker) and
> then i turns off and i cant turn on without turn the
> powersuply off for a while. it can also suddenly start to
> turn on and off very quicly, diplay blinks on and off
>
>

27782. Re: [FT897] Re: 897D with internal batteries vs. 857D with ext batt

Yahoo group: FT897 (2009)
Date: 2009-09-22 06:12:25 UTC
From: zephyrnewyork
Topic: 27769 Message: 27782

Thanks, everyone. This is definitely good to know, especially since I'm a paramedic and supposed to be in the hospital all the time anyway :) Is there another name for biomed department?
73,
Frank

Click or copy the link below to help a Paramedic & other volunteers provide free medical care to poor children & adults in a very remote location who otherwise would not have access to medical care. Any type of help will be appreciated. If you're unable to donate, please spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Mon, Sep 21, 2009 at 16:13, Matt Patterson <mattpatt@...> wrote:

> Also might try the Biomed Dept at your local hospital. I used to work in
> the hospitals IT department and got to talking to the manager of the biomed
> department and come to find out a lot of the medical equipment they service
> uses SLA type batteries that they are required to replace ever so often. A
> lot of times the batteries were perfectly fine. They were taking them to
> the scrap yard so I asked if I could take them and they let me have all I
> wanted. Most are nice 26ah batteries too. So hit up your local Hospital.
> You never know what you might find.
>
>
>
> 73 Matt
>
> W5LL**
>
>
>
> *From:* FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] *On Behalf Of
> *Geert Jan de Groot
> *Sent:* Monday, September 21, 2009 3:07 PM
> *To:* zephyrnewyork
> *Cc:* FT897@yahoogroups.com
> *Subject:* [FT897] Re: 897D with internal batteries vs. 857D with ext batt
>
>
>
>
>
> On Mon, 21 Sep 2009 10:37:47 -0400 zephyrnewyork wrote:
> > Thanks for all the useful info. From where do you purchase your
> > batteries? Online or at a store?

>
> I buy my batteries online at a place like Farnell or a local outlet,
> though the latter is diminishing unfortunately.
>
> For 12V 7Ah packs, ask a burglar alarm maintenance person as they
> typically pull the packs after 3 years of service.
> Often they are past their prime but sometimes they have some good life
> left into them, and given that they are chemical waiste and cost
> money to dispose of, these techs are usually happy to hand them to you.
>
> Again, this is the raw, generic battery. Built wooden box, add banana plugs
> and fuse and have something modular and generic that fits all my radios,
> in fact all my 12V portable requirements.
>
> Geert Jan
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.111/2386 - Release Date: 09/21/09
> 05:51:00
>

[Non-text portions of this message have been removed]

27783. Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 11:52:02 UTC
From: Beischel
Topic: 27783 Message: 27783

Is there a way from the radio to increase the audio level ouput to the data port?

Duffy
www.wb8nut.com

27785. Re: FT-897D, PSK31-U and filter 500 Hz.

Yahoo group: FT897 (2009)
Date: 2009-09-22 15:39:34 UTC
From: iz0inx
Topic: 27623 Message: 27785

Bob, you are absolutely right, when we are looking for an interesting signal on the waterfall, the wider is the band, the higher is the probability to find something.

However, when you find a very weak signal, coming from a most wanted country, you don't want that another strong and splattering signal, close to the weak signal, makes impossible to decode it.
At this point you will appreciate the use of the narrow 500Hz (or 300Hz)filter which will allow you to exclude the disturbing signal from the interesting one.

Again, as suggested in the user's manual, you may want also to set the filter working on TX, in order to make clean your emission avoiding possible spuries.

The problem which was raised up by the initiator of this discussion, is that the TX band window and the RX band window are not located at the same position, often making the transmission impossible .

In other words, it may happen that if you activate both, the TX and the RX filter and put the trace at the center of the window, when you go in TX the emission is cut away by the effect of the TX filter, which is located abt. 500Hz far from the RX one.

Hope to have been able to explain, even with my bad English ... :-)

cheers,
Fil - IZ0INX

--- In FT897@yahoogroups.com, "whiskeyalpha2tango" <rentwist@...> wrote:
>
> What is the other side of the coin so to speak? Eliminating QRM?

27786. Re: [FT897] Unsubscribe

Yahoo group: FT897 (2009)
Date: 2009-09-22 16:25:07 UTC
From: Randy Charles Ford
Topic: 27784 Message: 27786

Rob,

Instead of mailing to the list with "Unsubscribe" as the subject, mail to
FT-857-unsubscribe@yahoogroups.com with no subject.

<mailto:FT-857-unsubscribe@yahoogroups.com>

73,
kg4jix - randy.

On Tuesday 22 September 2009 08:15:34 rob.fenn wrote:
> The unsubscribe like is not working for me. Please take me off the list.
> Thank you Rob kc6tyd

27787. Re: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 16:56:33 UTC
From: Alan Barrow
Topic: 27783 Message: 27787

There is a separate audio gain in, but I'm not aware of an audio gain out setting.

It's 600 ohm typical audio levels. For all the TNC/modems/psk cable's I've used it's been more than sufficient, usually had to turn it down.

Have fun,

Alan
km4ba

27788. Re: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 19:33:38 UTC
From: N4CQR
Topic: 27783 Message: 27788

I ran into this feeding a PK-232. I called Yaesu and had a lengthy chat but to no resolve. As I remember (this was over a year ago) there are two audio outs at the data connecotr. I ended up using the 9600 baud data out rather than the 1200 baud data out and that worked in my case.
There may be some buffering in the 1200 baud line, I don't know, I an not
an engineer.

FWIT, the levels that are adjustable in the radio are for audio comming into the radio. Not for transmit.

When I called Yeasu back to report my findings, the fellow I spoke with said those two were in tandem and as to why there was level defference he did not know. But did mention shat he had fielded the same question in the past.

Try it and see...

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Tue, 9/22/09, Alan Barrow <ml9003@...> wrote:

> From: Alan Barrow <ml9003@...>
> Subject: Re: [FT897] Can audio output to the data port be increased?
> There is a separate audio gain in,
> but I'm not aware of an audio gain
> out setting.
>
> It's 600 ohm typical audio levels. For all the
> TNC/modems/psk cable's

27789. Re: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 20:12:40 UTC
From: n5ztw@texasdata.net
Topic: 27783 Message: 27789

I'm pretty sure the 9600 baud signal comes directly off the
FM discriminator and will only work FM. 1200 baud passes
through some additional circuitry and covers all modes.
Bill N5ZTW

----- Original Message Follows -----
From: N4CQR <n4cqr@...>
To: FT897@yahoogroups.com
Subject: Re: [FT897] Can audio output to the data port be
increased?
Date: Tue, 22 Sep 2009 12:33:38 -0700 (PDT)

> I ran into this feeding a PK-232. I called Yaesu and had a
> lengthy chat but to no resolve. As I remember (this was
> over a year ago) there are two audio outs at the data
> connecotr. I ended up using the 9600 baud data out rather
> than the 1200 baud data out and that worked in my case.
> There may be some buffering in the 1200 baud line, I don't
> know, I an not an engineer.
>
> FWIT, the levels that are adjustable in the radio are for
> audio comming into the radio. Not for transmit.
>
> When I called Yeasu back to report my findings, the fellow
> I spoke with said those two were in tandem and as to why
> there was level defference he did not know. But did
> mention shat he had fielded the same question in the past.
>
> Try it and see...
>
> Craig
>
> Grundig Satellit 750 Group:
> http://groups.yahoo.com/group/Satellit-750
>
> Talk about Yaesu's Newest HT, the VX-8R:
> http://groups.yahoo.com/group/VX8R/
>
>
> --- On Tue, 9/22/09, Alan Barrow <ml9003@...>
> wrote:
>
> > From: Alan Barrow <ml9003@...>
> > Subject: Re: [FT897] Can audio output to the data port
> > be increased? There is a separate audio gain in,

> > but I'm not aware of an audio gain
> > out setting.
> >
> > It's 600 ohm typical audio levels. For all the
> > TNC/modems/psk cable's
>
>
>
>
>

27790. Re: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 20:25:59 UTC
From: Richard Corfield
Topic: 27783 Message: 27790

I wonder if an easy answer is to build a little amplifier for it - maybe a transistor or op-amp circuit. A transistor circuit could be made small. At least one of the DIN sockets on the back has 13V available on one of its pins.

- Richard

----- Original Message -----
From: n5ztw@...
To: FT897@yahoogroups.com
Sent: Tuesday, September 22, 2009 9:12 PM
Subject: Re: [FT897] Can audio output to the data port be increased?

I'm pretty sure the 9600 baud signal comes directly off the
FM discriminator and will only work FM. 1200 baud passes
through some additional circuitry and covers all modes.
Bill N5ZTW

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b.. 8New Photos
c.. 1New Files
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in 3 easy steps.

Connect with others.
.

[Non-text portions of this message have been removed]

27791. Re: Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 21:30:51 UTC
From: whiskeyalpha2tango
Topic: 27783 Message: 27791

I thought I needed to do the same thing until I discovered the mic gain slider in windows that is! Have you messed around with this at all? Once I found that, I was able to provide more than enough inout to drive the soundcard, even into overload. My microphone gain slider is set at around 15% for 50% drive into DM-780.

Otherwise, there is a way to increase the level, but it would involve changing the op-amp gain on what feeds that output. Assume most would not want to do this (although I was in there modifying the SMD's for my BHI DSP last night). Not for the faint of heart. I use a microscope and two soldering irons simultaneously to do SMD work.

73,

Bob, WA2T

27792. Re: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 21:43:09 UTC
From: N4CQR
Topic: 27783 Message: 27792

And I was using FM (APRS) so you may well be correct. As I said, I am no, software, broadcast or RF engineer. Just relating my experiences.

Now for HF data I use a homebrew interface using two radio shack audio transformers with audio taper level controls for both IN and OUT and it works great. (total build cost under $10.00)

I built another interface using optical isolation with transformer matching (along the lines of $20.00 build cost) and found absolutely no improvement except for perhaps mental gratification.

In the last 12 months+ I have tryed HRD, Pactet RTTY, PSKxx, MTxx, Slowscan and the routine modes and I really like this radio. For what it does, it does it damn well and at a most reasonable price. And whips the pants off the Icom 706MKIIG here at my house...

I really wish some enterprising individual would come up with a lucite, polycarbonate or composit escutcheon for the face of the radio. Something that was a 1-piece flexable or a 2-piece clamshell escutcheon that would wrap around, and mold to, the front of the radio to protect the knobs on the right side.

Since the radio is reaching the end of it life, I doubt that ever happening but regardless, and all things considered, Yaesu had a winner here. I will rank the 897D with Yaesu's greats; Such as the FT-470, FT-101-series, FT-990, FT-2400 and the FT-ONE. Yes there are more but these were the one's that served me damn well.

Best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Tue, 9/22/09, n5ztw@... <n5ztw@texasdata.net> wrote:

> From: n5ztw@... <n5ztw@...>
> I'm pretty sure the 9600 baud signal
> comes directly off the
> FM discriminator and will only work FM. 1200 baud passes
> through some additional circuitry and covers all modes.
> Bill N5ZTW

27793. Re: [FT897] Re: Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-22 21:46:48 UTC
From: N4CQR
Topic: 27783 Message: 27793

Wow! Whatta Guy. Stereo soldering irons!

--- On Tue, 9/22/09, whiskeyalpha2tango <rentwist@...> wrote:

> From: whiskeyalpha2tango <rentwist@...>
> I use a microscope and two soldering irons simultaneously to do SMD
> work.

27794. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-09-23 01:30:58 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27794

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AT-897 in FC-30 Case "FC-897"/IMG_1905.JPG
Uploaded by : whiskeyalpha2tango <rentwist@...>
Description : Front Panel

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AT-897%20in%20FC-30%20Case%20%22FC-897%22/IMG_1905.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

whiskeyalpha2tango <rentwist@...>

27795. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-09-23 01:37:43 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27795

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /AT-897 in FC-30 Case "FC-897"/Better Late Than Never!
Uploaded by : whiskeyalpha2tango <rentwist@...>
Description : 09/22/2009

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/AT-897%20in%20FC-30%20Case%20%22FC-897%22/Better%20Late%20Than%20Never%21

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

whiskeyalpha2tango <rentwist@...>

27796. Photos of "FT-897" Posted in Folder

Yahoo group: FT897 (2009)
Date: 2009-09-23 01:48:44 UTC
From: whiskeyalpha2tango
Topic: 27796 Message: 27796

http://groups.yahoo.com/group/FT897/files/AT-897%20in%20FC-30%20Case%20%22FC-897%22/

Only took me 5+ years to get around to it! Enjoy!

73,

Bob, WA2T

27797. INRAD SSB Filter

Yahoo group: FT897 (2009)
Date: 2009-09-22 15:30:35 UTC
From: John Geiger
Topic: 27797 Message: 27797

Has anyone installed the INRAD 2.0khz SSB filter in their 857/897? Does it make a big difference on SSB? Does it help on transmitting at all if you put it in line during transmission? I don't do much SSB operating on HF but think a SSB filter would help on 6 meters during the Es seasons.

73s John AA5JG

27798. Re: radio turning off

Yahoo group: FT897 (2009)
Date: 2009-09-22 18:46:14 UTC
From: kaare110
Topic: 27778 Message: 27798

problem fixed, it was some fake powerfailure inside the radio, did bring it to the repairshop, 3 min job.

73s from Norway and tnx for reply guys :)
>

27799. External Battery Box For FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-22 19:23:48 UTC
From: ki6ppw
Topic: 27799 Message: 27799

Greetings,

I purchased my FT-897 a couple of months ago, and the more I'm using it, the more I'm really happy with my selection. It's my first HF rig, and I bought it with emergency communications in mind. I built two boxes that will hold 6, 12V 7Ah gel cell batteries each. Each box will give me 12V 42Ah of power. I used these batteries, as I have ready access to a number of these. I posted some pictures in the photo section, in an album called "Battery Box For FT-897".

73'

Jack Eyster - KI6PPW

27800. RE: [FT897] Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-23 02:34:35 UTC
From: Michael Walker (VA3MW)
Topic: 27783 Message: 27800

Why do you need to increase it? Measure it with a scope and see if it is 1V peak to peak. That would be the standard.

There are gain pots in just about every TNC. I assume you have checked those.

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: N4CQR [mailto:n4cqr@...]
Sent: Tuesday, September 22, 2009 05:43
To: FT897@yahoogroups.com
Subject: Re: [FT897] Can audio output to the data port be increased?

And I was using FM (APRS) so you may well be correct. As I said, I am no, software, broadcast or RF engineer. Just relating my experiences.

Now for HF data I use a homebrew interface using two radio shack audio transformers with audio taper level controls for both IN and OUT and it works great. (total build cost under $10.00)

I built another interface using optical isolation with transformer matching (along the lines of $20.00 build cost) and found absolutely no improvement except for perhaps mental gratification.

In the last 12 months+ I have tryed HRD, Pactet RTTY, PSKxx, MTxx, Slowscan and the routine modes and I really like this radio. For what it does, it does it damn well and at a most reasonable price. And whips the pants off the Icom 706MKIIG here at my house...

I really wish some enterprising individual would come up with a lucite, polycarbonate or composit escutcheon for the face of the radio. Something that was a 1-piece flexable or a 2-piece clamshell escutcheon that would wrap around, and mold to, the front of the radio to protect the knobs on the right side.

Since the radio is reaching the end of it life, I doubt that ever happening but regardless, and all things considered, Yaesu had a winner here. I will rank the 897D with Yaesu's greats; Such as the FT-470, FT-101-series, FT-990, FT-2400 and the FT-ONE. Yes there are more but these were the one's that served me damn well.

Best!

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Tue, 9/22/09, n5ztw@... <mailto:n5ztw%40texasdata.net>
<n5ztw@... <mailto:n5ztw%40texasdata.net> > wrote:

> From: n5ztw@... <mailto:n5ztw%40texasdata.net>
<n5ztw@... <mailto:n5ztw%40texasdata.net> >
> I'm pretty sure the 9600 baud signal
> comes directly off the
> FM discriminator and will only work FM. 1200 baud passes
> through some additional circuitry and covers all modes.
> Bill N5ZTW

[Non-text portions of this message have been removed]

27801. Re: [FT897] External Battery Box For FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-23 03:05:54 UTC
From: zephyrnewyork
Topic: 27799 Message: 27801

Jack,
Thanks for sharing :)

73,
Frank

Click or copy the link below to help a Paramedic & other volunteers provide free medical care to poor children & adults in a very remote location who otherwise would not have access to medical care. Any type of help will be appreciated. If you're unable to donate, please spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

On Tue, Sep 22, 2009 at 15:23, ki6ppw <mr.eyster@...> wrote:

>
>
> Greetings,
>
> I purchased my FT-897 a couple of months ago, and the more I'm using it,
> the more I'm really happy with my selection. It's my first HF rig, and I
> bought it with emergency communications in mind. I built two boxes that will
> hold 6, 12V 7Ah gel cell batteries each. Each box will give me 12V 42Ah of
> power. I used these batteries, as I have ready access to a number of these.
> I posted some pictures in the photo section, in an album called "Battery Box
> For FT-897".
>
> 73'
>
> Jack Eyster - KI6PPW
>
>

[Non-text portions of this message have been removed]

27802. Re: [FT897] External Battery Box For FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-23 22:22:46 UTC
From: Alan Barrow
Topic: 27799 Message: 27802

Another option is to order just the case half for the power supply, which could give you more room for Batteries. But you could easily fit 10-15AH of batteries even in the factory slot if your pockets are feep enough. Pieces parts for the 897 are easy to get and reasonable in cost.

After trying lot's of stuff, I've found that SLA's less than 50AH are not that useful for portable ops, you are better to go with NiMH or Li*. Just too much voltage sag due to internal resistance. I do use 50AH SLA's in a "tall .50" ammo can for weekend ops. But not for anything I have to lug it very far. Just too darn heavy.

The 897/857 was designed for 11 cell strings of NiMH. When you run it on an SLA/AGM you quickly drop below voltage spec when you still have some SLA capacity. Not an issue with NiMH or Li*. It's the right design decision as that's closer to automotive voltages. Other radios (IC-706, etc) have even narrower voltage ranges, so the SLA issue is not unique to the 897.

Some folks use voltage converters, but I find it's cheaper/simpler in the long term just to get the proper batteries. Lighter, works better, etc.

The 817 & IC-703 do work OK with SLA's, but a large part of that is they don't draw enough current to get into issues with the internal resistance.

Have fun,

Alan
km4ba

27803. Re: INRAD SSB Filter

Yahoo group: FT897 (2009)
Date: 2009-09-24 12:34:35 UTC
From: rrlanders2
Topic: 27797 Message: 27803

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> Has anyone installed the INRAD 2.0khz SSB filter in their 857/897? Does it make a big difference on SSB? Does it help on transmitting at all if you put it in line during transmission? I don't do much SSB operating on HF but think a SSB filter would help on 6 meters during the Es seasons.
> 73s John AA5JG

I have the Inrad 2.0 Khz SSB filter on my Ft-897. It does work, but the difference is not that significant. The stock filter is better for listening, so I only flip to the 2.0 filter when there is adjacent QRM.

I don't use SSB much. It's nice to have the filter, but by no means IMHO a necessity. You get much more bang for the buck with the 500 Hz CW filter, so if funds are tight, I would buy the CW filter before the SSB filter.

I have used the 2.0 filter on PSK, it helps some there to get rid of adjacent signals, but the 500 hz filter really knocks everything out.

73, Rod WI0T

27804. Re: [FT897] Re: INRAD SSB Filter

Yahoo group: FT897 (2009)
Date: 2009-09-24 12:46:06 UTC
From: Trixter aka Bret McDanel
Topic: 27797 Message: 27804

On Thu, 2009-09-24 at 12:34 +0000, rrlanders2 wrote:
>
> I have the Inrad 2.0 Khz SSB filter on my Ft-897. It does work, but
> the difference is not that significant. The stock filter is better
> for listening, so I only flip to the 2.0 filter when there is adjacent
> QRM.
>

You may want to try the w4rt 2.3khz filter, I can hear the difference between the stock ceramic filter and that one on SSB at least on 80m. Although since you dont use SSB that much it may not be worth it to you.

I may have to investigate the 500hz filter for data. I had just been playing with the DSP BPF setting it where I want it to crop out what I dont while doing data.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27805. RE: [FT897] Re: INRAD SSB Filter

Yahoo group: FT897 (2009)
Date: 2009-09-25 03:56:34 UTC
From: Michael Walker (VA3MW)
Topic: 27797 Message: 27805

Any filter that you purchase and install and you spend more that $50 on will be a very large improvement on the Murata filters that are in the radio.

Mike VA3MW

http://walkerphoto.blogspot.com/2009/07/remote-ham-radio-operating.html

From: Trixter aka Bret McDanel [mailto:trixter@...]
Sent: Thursday, September 24, 2009 08:46
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: INRAD SSB Filter

On Thu, 2009-09-24 at 12:34 +0000, rrlanders2 wrote:
>
> I have the Inrad 2.0 Khz SSB filter on my Ft-897. It does work, but
> the difference is not that significant. The stock filter is better
> for listening, so I only flip to the 2.0 filter when there is adjacent
> QRM.
>

You may want to try the w4rt 2.3khz filter, I can hear the difference between the stock ceramic filter and that one on SSB at least on 80m. Although since you dont use SSB that much it may not be worth it to you.

I may have to investigate the 500hz filter for data. I had just been playing with the DSP BPF setting it where I want it to crop out what I dont while doing data.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get
<http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
&search=0x8AE5C721

[Non-text portions of this message have been removed]

27806. Re:Can audio output to the data port be increased?

Yahoo group: FT897 (2009)
Date: 2009-09-25 16:02:26 UTC
From: Peter, PE1DCD, Rotterdam
Topic: 27783 Message: 27806

Hello to all,

I have to warn you.
The 1200bd- and the 9600bd-output on the DATA-connector of the FT897 is NOT 600 ohm, although the manual says 600 ohm !
I did some meassurements on my FT897 (non D) and also reading the diagram and find out that the output impedance is around 5700 ohm !
It could be that there are some difference with other models (FT897D, FT857 and FT857D).
My diagram is not very clear; it could be that I misread the numbers.

Follow the 1200bd output at the DATA-connector:
Pin 5 --- R1583 (1K) ----- R1568 (4K7) ----- Q1120 So 1K + 4K7= 5K7

And the 9600 bd output at the DATA-connector:
Pin 4 --- R1581 (1K) ----- R1563 (4K7) ----- Q1123 So 1K + 4K7= 5k7

My measurement at the 1200 bd output on 2 meter:
DSP = off
Hf = 10 uV
Output is NOT terminated
Deviation level distorsion
1 Kc 58 mV 1.7%
2 Kc 116 mV 1.28%
3 Kc 171 mV 1.02%
3.5 Kc 200 mV 0.8%
4 Kc 225 mV 0.95%
5 Kc 274 mV 1.74%
6 Kc 325 mV 2.6%

Resume: do not trust the manual always !

' 73
Peter , PE1DCD

[Non-text portions of this message have been removed]

27807. Re: Odd MD100 mic troubles or what???

Yahoo group: FT897 (2009)
Date: 2009-09-25 21:17:14 UTC
From: Jim in Downers Grove
Topic: 27661 Message: 27807

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Is there a setting in the menu for which mic you are using. I know
> there is a menu item for it but do not know if the MD100 is in that
> list. Check it and let us know.
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> kc9aop
> Sent: Wednesday, September 09, 2009 09:04
> To: FT897@yahoogroups.com
> Subject: [FT897] Odd MD100 mic troubles or what???
... <snip>

Dennis,

The Mic setting you are talking about is function 059 "MIC SEL" and allows the selection of NORmal mic, REMote MH-59A8J or CAT. THere is nothing any more specific.

FWIW, the problem has not shown itself again (yet).

'73

Jim - KC9AOP

27808. Can't transmit: infinite SWR all bands -- eek

Yahoo group: FT897 (2009)
Date: 2009-09-25 23:50:58 UTC
From: Lew Phelps K6LMP
Topic: 27808 Message: 27808

Something really serious has happened to my FT-897D. I'm posting here to see if there's anything I might b e able to do before I box it up and ship it off to Yaesu.

First thing I noticed was last night, when I tried to tune in an AM broadcast band station to listen to a baseball game. The rig would not demodulate any AM signals on any band (also tried WWV on several bands). I could hear the broadcast by switching to either SSB, and also with the rig in CW and some digital modes, although obviously distorted.

Then, when I tried to transmit, the rig would flash HSWR for just a fraction of a second, then the transmit would shut down completely. This is true for all bands, all modes, including UHF/VHF bands, and even with the transmit power cranked down to 5 watts.

I tried a total system reset (HOME-PWR] but that didn't change anything.

I have tried operating with two different antennas on each of the output jacks, and with a dummy load attached as well. Still the same result with every combination of outputs. I even tried switching mikes between a Yaesu handheld and a Heil boom mike. Nothing works. Uggh.

Has anyone experienced comparable symptoms and been able to fix the problem without a trip to the shop?

Thanks,

Lew K6LMP

27809. Re: Can't transmit: infinite SWR all bands -- eek

Yahoo group: FT897 (2009)
Date: 2009-09-26 03:12:12 UTC
From: W1AEX
Topic: 27808 Message: 27809

One thing I would suggest Lew would be to remove the top and bottom covers and snug up all the mounting screws for the mainboards. These have a tendency to loosen up over time, possibly due to repeated thermal cycles, and can change ground paths within the radio. This can cause all kinds of strange symptoms, including unpredictable receive problems as well as full output oscillations on transmit, regardless of the power setting in the menu. Check the snugness of the fastening screws for the output transistors as well. I ended up putting lockwashers under all the mainboard fasteners because they were creeping out every 6 months or so and that resolved it once and for all.

Hope that is your problem as it is very easy to resolve!

73,

Rob W1AEX

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> Has anyone experienced comparable symptoms and been able to fix the
> problem without a trip to the shop?
>
> Thanks,
>
> Lew K6LMP
>

27810. Stock mike adjust

Yahoo group: FT897 (2009)
Date: 2009-09-24 19:24:28 UTC
From: rottontater
Topic: 27810 Message: 27810

Was wondering what every one else with a stock mike is running on average. The factory defalt I know is set at 50. I keep movig it up and up and it still does not seem to be driving the wattage out of the radio.
Thanks Mike

27811. FM steps

Yahoo group: FT897 (2009)
Date: 2009-09-25 08:40:46 UTC
From: g4vkeuk04
Topic: 27811 Message: 27811

I've just got my FT897, and very impressed I am! However, I notice that when setting up the steps for VHF/UHF FM, operation 052, the step is different to the one shown in the display. To get 12.5 khz spacing I need to enter 5khz (I think). The other thing, and this could be my colour blindness (!) when running on the internal batteries both panel lights come on, and switching batteries seems to make hardly any difference to the colour of the lights. Is it me? (Yes I am a TOG!) Thanks
Ray

27812. Re: INRAD SSB Filter

Yahoo group: FT897 (2009)
Date: 2009-09-24 11:51:00 UTC
From: Lee ZL2AL
Topic: 27797 Message: 27812

I installed the Inrad 2.0khz and the 500hz filters in mine about a month ago. The FT897D is new and a spare radio as I usually use an FT1000D. The difference on SSB and CW is remarkable and the filters are well worth the money.

73, Lee ZL2AL

--- In FT897@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> Has anyone installed the INRAD 2.0khz SSB filter in their 857/897? Does it make a big difference on SSB? Does it help on transmitting at all if you put it in line during transmission? I don't do much SSB operating on HF but think a SSB filter would help on 6 meters during the Es seasons.
>
>
> 73s John AA5JG
>

27813. Rigblaster PRO and the FT 897D

Yahoo group: FT897 (2009)
Date: 2009-09-25 23:48:37 UTC
From: ei5dd
Topic: 27813 Message: 27813

Has anyone ideas about the Configuration of the Rigblaster Pro to the FT 897D? The initial setup with Digipan works as does the Mic and PTT but when I connect up the leads described I get no results.

I have the audio in and out via the 6 pin DIN socket. I have the RXD, TXD, and GND connections to the CAT Socket. I have tried configuring the P16 jumpers but none of them work. Maybe this is not the way to go about it.

All ideas would be most welcome,

Steve (EI5DD)

27814. Re: Stock mike adjust

Yahoo group: FT897 (2009)
Date: 2009-09-26 06:53:17 UTC
From: GUILLOT JC
Topic: 27810 Message: 27814

Had the same doubt when I started to use my new rig two months ago, I tested from 15 to 50 (menu 81) then added compression (menu 74) at various level (from 50 to 100) then added DSP filtering (menus 46, 47, 48) and it has improved a lot. You just need to test and get reports from other OM. My current settings are 81/50 - 74/100 - 46/280Hz - 47/2130Hz - 48/BOTH and I am happy with them but it all depends on your voice as we are not built egal. 73s FK8IH

--- In FT897@yahoogroups.com, "rottontater" <rottontater@...> wrote:
>
> Was wondering what every one else with a stock mike is running on average. The factory defalt I know is set at 50. I keep movig it up and up and it still does not seem to be driving the wattage out of the radio.
> Thanks Mike
>

27815. Re: Can't transmit: infinite SWR all bands -- eek

Yahoo group: FT897 (2009)
Date: 2009-09-26 14:52:34 UTC
From: W1AEX
Topic: 27808 Message: 27815

One other simple thing to do while you have the covers off is to re-seat all the interconnecting mini-coax connections that run from the top board to the bottom board. If the slide in plugs are not fully seated you can end up with a high resistance connection which can cause all kinds of unpredictable things to happen. Just gently separate them and then re-insert them to assure that a good connection is present.

Good luck!

Rob W1AEX

--- In FT897@yahoogroups.com, Lew Phelps K6LMP <k6lmp@...> wrote:
>
> Has anyone experienced comparable symptoms and been able to fix the
> problem without a trip to the shop?
>
> Thanks,
>
> Lew K6LMP
>

27816. Re: Rigblaster PRO and the FT 897D

Yahoo group: FT897 (2009)
Date: 2009-09-26 23:09:10 UTC
From: Pronto. (Military)
Topic: 27813 Message: 27816

If you are using the rear connector, you have to configure the rig for USB DIGITAL. Not standard USB.
If this fails then use the front mic connector and trip the rig using the VOX. This method in my opinion works much better.
Jim VE3DDY

-- In FT897@yahoogroups.com, "ei5dd" <ei5dd@...> wrote:
>
> Has anyone ideas about the Configuration of the Rigblaster Pro to the FT 897D? The initial setup with Digipan works as does the Mic and PTT but when I connect up the leads described I get no results.
>
> I have the audio in and out via the 6 pin DIN socket. I have the RXD, TXD, and GND connections to the CAT Socket. I have tried configuring the P16 jumpers but none of them work. Maybe this is not the way to go about it.
>
> All ideas would be most welcome,
>
> Steve (EI5DD)
>

27817. Re: Stock mike adjust

Yahoo group: FT897 (2009)
Date: 2009-09-27 16:05:03 UTC
From: Steve Yates
Topic: 27810 Message: 27817

Mike,

I hope you are using a true PEP Watt meter and not just trying to 'push' the rig's power meter up on SSB. If not, look up the posts regarding measuring SSB power that comes up about every two weeks.

I've had no problems with the stock MH-31 microphone running at 60 on menu No. 081 and the switch on the back of the mic in the number 2 position.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "rottontater" <rottontater@...> wrote:
>
> Was wondering what every one else with a stock mike is running on average. The factory defalt I know is set at 50. I keep movig it up and up and it still does not seem to be driving the wattage out of the radio.
> Thanks Mike
>

27818. 897 & HRD & CW

Yahoo group: FT897 (2009)
Date: 2009-09-27 16:26:23 UTC
From: chris756113
Topic: 27818 Message: 27818

Hi
I am thinking of connecting up my 897 to my PC. Can i Rx/Tx via HRD on CW directly or do I need another interface?
Can I recieve CW via HRD and Tx via my paddle direct into the 897?

I think I need the CT-62 din to AF in/Out cable to my internal sound card?

Might be best to mail me direct with your experience/help?

Chris

G4LDS

G4LDS@...

27819. VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 00:05:57 UTC
From: n97223
Topic: 27819 Message: 27819

Hey All,

I did a search on this, but came up empty.

I had my FT-897 sent back to the california repair facility for NO output and no power on. Both were fixed, but now when I transmit on 2M, the signal comes out of the HF antenna connection.

Is this a software configuration or is this hard wired?

I really don't want to send it back again....I am not afraid to open the radio or mess with menus.

Thanks for any help you can give.

Bill
N1ONE

27820. Re: [FT897] VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 00:35:25 UTC
From: Randy Charles Ford
Topic: 27819 Message: 27820

How much power is coming out of the HF? A duplexer splits the signal between ports, so there is a little leakage between them. The only problem that I've heard is that some autotuners designed to tune with one watt will be activated in some cases. The output is generally well below a watt, but, I believe it's the Z-11, will, in some cases, activate. The only problem that this seems to cause is if you are distracted by the LED on the tuner.

It's also not unusual for some RF to get back into the other port by picking it up via the antenna. Some have reported this causing the low-power LDG tuner to try to tune.

How are you seeing that the output is via the wrong port? Can you measure the power out of each port?

73,
kg4jix - randy.

On Sunday 27 September 2009 19:05:57 n97223 wrote:
> Hey All,
>
> I did a search on this, but came up empty.
>
> I had my FT-897 sent back to the california repair facility for NO output
> and no power on. Both were fixed, but now when I transmit on 2M, the signal
> comes out of the HF antenna connection.
>
> Is this a software configuration or is this hard wired?
>
> I really don't want to send it back again....I am not afraid to open the
> radio or mess with menus.
>
> Thanks for any help you can give.
>
> Bill
> N1ONE

27821. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 00:42:38 UTC
From: rschaffrath
Topic: 27819 Message: 27821

Just out of curiosity, where does the HF signal come out? There is nothing in the manual about swapping antenna connections.

Robert, N2JTX

--- In FT897@yahoogroups.com, "n97223" <n1one@...> wrote:
>
> Hey All,
>
> I did a search on this, but came up empty.
>
> I had my FT-897 sent back to the california repair facility for NO output and no power on. Both were fixed, but now when I transmit on 2M, the signal comes out of the HF antenna connection.
>
> Is this a software configuration or is this hard wired?
>
> I really don't want to send it back again....I am not afraid to open the radio or mess with menus.
>
> Thanks for any help you can give.
>
> Bill
> N1ONE
>

27822. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 00:54:16 UTC
From: Joe
Topic: 27819 Message: 27822

??????

Am I missing something here?

The 897 as well as the 857 has two SO239 connectors..one for VHF and one for HF. Never the twain shall meet.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "rschaffrath" <robert@...>
Subject: [FT897] Re: VHF transmit on HF connector?

> Just out of curiosity, where does the HF signal come out? There is
> nothing in the manual about swapping antenna connections.

27823. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 01:50:02 UTC
From: n97223
Topic: 27819 Message: 27823

Randy,

Good point, I did not realize that a small amount of leakage was normal. I am NOT using an autotuner, just a manual tuner with a meter. I use this radio in my shed at my summer camp....I like to keep it simple.

Anyway, I will have to measure the output on the HF side when transmiting VHF(I don't remember what it was), you maybe right that it is very small. Ther is however no output on the VHF side even though the meter on the display showed full power....so maybe what we have here is leakage on the HF side (normal) and Zero out on the VHF side (the real problem) and the power meter on the display is messed up?

As others have indicated, there is nothing in the manual or tech supplements that indicate the ports can be swapped....like the FT-817.

I don't use VHF very often on this radio, ussually on HF, but it is nice to know I can get the the MT Washington repeater (NH) when I want to.

Thanks to all that answered! I will report back.

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> How much power is coming out of the HF? A duplexer splits the signal between
> ports, so there is a little leakage between them. The only problem that I've
> heard is that some autotuners designed to tune with one watt will be
> activated in some cases. The output is generally well below a watt, but, I
> believe it's the Z-11, will, in some cases, activate. The only problem that
> this seems to cause is if you are distracted by the LED on the tuner.
>
> It's also not unusual for some RF to get back into the other port by picking
> it up via the antenna. Some have reported this causing the low-power LDG
> tuner to try to tune.
>
> How are you seeing that the output is via the wrong port? Can you measure the
> power out of each port?
>
> 73,
> kg4jix - randy.
>
>
> On Sunday 27 September 2009 19:05:57 n97223 wrote:
> > Hey All,
> >
> > I did a search on this, but came up empty.
> >
> > I had my FT-897 sent back to the california repair facility for NO output

> > and no power on. Both were fixed, but now when I transmit on 2M, the signal
> > comes out of the HF antenna connection.
> >
> > Is this a software configuration or is this hard wired?
> >
> > I really don't want to send it back again....I am not afraid to open the
> > radio or mess with menus.
> >
> > Thanks for any help you can give.
> >
> > Bill
> > N1ONE
>

27824. Possible RF problem solution...

Yahoo group: FT897 (2009)
Date: 2009-09-27 16:13:11 UTC
From: Jeremy Dunman
Topic: 27824 Message: 27824

GE everyone, I keep reading that people are having problems with stray RF getting into their radio causing it to turn off. I started having this problem recently and couldn't figure out what the cause was to save my life. Well I removed my VHF antenna that I had just recently put back on the radio (ironically about the same time the problem started) and low and behold the problem is gone. While this may not be the answer for everyone this is something that worked for me so I thought I would throw the solution I came up with out to everyone else and see if maybe this would help another frustrated FT-897 owner out there.

If this helps anyone else out there or you have a suggestion to help resolve this problem all together please feel free to let me know what you came up with.

Jeremy

KD4LCR

Lawton, OK

[Non-text portions of this message have been removed]

27825. Dig Shift or Menu 39

Yahoo group: FT897 (2009)
Date: 2009-09-26 14:32:32 UTC
From: wb9onu_jerry
Topic: 27825 Message: 27825

Has anyone ever played with this Menu commmand. I work a lot of psk and sstv and was just wondering what Dig Shift was used with Digital modes. The manual doesn't explains what it is used for or is this a menu command that is useless?

Thanks

Jerry wb9onu

27826. RE: [FT897] Re: radio turning off

Yahoo group: FT897 (2009)
Date: 2009-09-26 19:51:27 UTC
From: Jeremy Dunman
Topic: 27778 Message: 27826

For anyone else having this problem or very similar problem on the HF side, try taking your VHF antenna off.. I was having this problem removed the VHF and walla problem no more. Seems that that was where I was bringing in excess RF via the VHF side. Anyone else finds this to be the case or has a way to get rid of this problem all together I would appreciate any feed back..

Jeremy

KD4LCR

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kaare110
Sent: Tuesday, September 22, 2009 1:46 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: radio turning off

problem fixed, it was some fake powerfailure inside the radio, did bring it to the repairshop, 3 min job.

73s from Norway and tnx for reply guys :)
>

[Non-text portions of this message have been removed]

27827. FT-897D x FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-27 18:11:15 UTC
From: py1lo
Topic: 27827 Message: 27827

Hi all,

I recently bought a FT-897 (D). How to access memories (M-601 M-605) of the band of 60 m? For the manual, page 23 has no effect, when I press the V / M goes to 7.000.00MHz. How to tell if the TCXO is installed? I wonder because I doubt if it is the D version, because only in the box written is FT-897 (D). The radio not only FT-897.

Thanks
Miguel, PY1LO

27828. Re: [FT897] Battery LEDs light faint red

Yahoo group: FT897 (2009)
Date: 2009-09-13 15:28:02 UTC
From: DavidN
Topic: 27658 Message: 27828

Hi Scot, I'm not very well up on aerials but what I say might just strike a bell with you. Firstly I think a G5RV is a 'balanced' antenna and when fed with ladder line the RF tends to balance out, so perhaps that's why you don't have problems with the G5RV. But I'm not sure that operating close to it is too good for you, mainly your eyes I think from what others have said.

Now, the mobile whip does need something to work against. Really it's only half an antenna, and when on the top of a car the actual magnet may not touch the body but the other half of the RF gets through to the body by capacitance so it becomes a full aerial. So you do need some metal underneath it - about a quarter wave. So if it's 6m then you need 1.5m. It can be all around it for omni-direction, or if you stand the mag mount in one corner and it's 1.5m to the other corner then generally the RF will fly off in that direction.

With the mag mount you shouldn't need the 897 earthed, but for HF you do. But that is the problem because you're so far away from the ground. The earth lead from the rig to the ground will be so long it'll resonate in the HF bands so give unexpected side effects - in fact it will be a DC earth, but not an RF earth at all.... Perhaps best to read up about this point on the net, or... dare I say move the rig next to a window on the ground floor? :)

David G4TUP.

On Tue, Sep 8, 2009 at 3:43 PM, scot@...
<scot@...>wrote:

>
>
> Hi David, thanks for the reply.
>
> The antenna is mounted in the loft (its a mobile whip also) due to QRM from
>
> the wife not wanting antennas outside and runs very close to a G5RV half
> that runs down the eves of the house all be it the other side of the wall
> and seperated by an antenna switch close to the radio as 6m and the other
> bands come out of the same connection on the rear of the radio it separated
>
> the whip and G5RV as required.
>
> I dont notice the issue when transmitting into the G5RV (via ATU) well not
> so id noticed anyway.
>
> I've not got the radio earthed as such and was my next move to be fair I
> think though that im just asking for problems with the antenna in the loft

> and running so close to the other anttena and its ladder line feed.
>
> The radio has just locked on TX when doing some testing so I've prob
> answered the question in relation to RF?
>
> de M1AFY
>
> ----------
>
> From: "DavidN" <david@... <david%40norris.org>>
>
>
> If the SWR is only 1.2:1 I'd try connecting the ae. direct to the set to
> see
> if the problem goes away. Also, do you have a thick earth strap connected
> to
> the earth point on the back of the set?
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27829. Re: [FT897] FT-897D x FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-28 08:19:59 UTC
From: Trixter aka Bret McDanel
Topic: 27827 Message: 27829

On Sun, 2009-09-27 at 18:11 +0000, py1lo wrote:
>
>
> Hi all,
>
> I recently bought a FT-897 (D). How to access memories (M-601 M-605)
> of the band of 60 m? For the manual, page 23 has no effect, when I
> press the V / M goes to 7.000.00MHz. How to tell if the TCXO is
> installed? I wonder because I doubt if it is the D version, because
> only in the box written is FT-897 (D). The radio not only FT-897.

Those are special memories only available in an unmodified US version.

You can manually program the 60m band (be warned the FCC publishes the
carrier frequency which is not what the radio will display since its
USB).

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27830. Re: [FT897] 897 & HRD & CW

Yahoo group: FT897 (2009)
Date: 2009-09-28 08:23:13 UTC
From: Trixter aka Bret McDanel
Topic: 27818 Message: 27830

On Sun, 2009-09-27 at 16:26 +0000, chris756113 wrote:
>
> Hi
> I am thinking of connecting up my 897 to my PC. Can i Rx/Tx via HRD on
> CW directly or do I need another interface?
> Can I recieve CW via HRD and Tx via my paddle direct into the 897?
>
> I think I need the CT-62 din to AF in/Out cable to my internal sound
> card?
>
> Might be best to mail me direct with your experience/help?

That depends. I published a circuit with 897 pinouts (which was my only addition, credits are on the page where I got it from originally) which connects the DATA jack (ps/2 mouse/keyboard extension cable) and not the CAT port. This will let you control PTT and connect either 9600 or 1200 to your mic, and your speaker to the radio. It works well with several programs I have tried for packet, and if your morse app uses DTR to trigger PTT then it should work with that too.

http://www.0xdecafbad.com/?p=144 FT-897 soundcard TNC interface for about $5

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27831. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 11:06:11 UTC
From: Dave Nelson
Topic: 27819 Message: 27831

Sorry Randy
but that is totally incorrect

The V/UHF and the HF/6m antenna ports are totally separate, there is NO duplexer/splitter or anything like that between the TX power devices and the antenna ports each of the pairs of bands go direct to their respective antenna
ports via appropriate Hi-lo pass filters and diode switching for TX and RX.

Only at low power levels PRIOR to the final devices does the respective HF/6M
2M or 70cm come from the main board via a common coax to the PA board

The Hi-Lo pass filters prior to the PA devices would effectively stop V/UHF from
going through to the HF/6M PA device. and visa versa

there has to be another reason .... mis-identification of ports etc

Dave
VK2TDN

At 10:37 AM 9/28/2009 +0000, you wrote:
>3b. Re: VHF transmit on HF connector?
> Posted by: "Randy Charles Ford" kg4jix@... kg4jix
> Date: Sun Sep 27, 2009 5:36 pm ((PDT))
>
>How much power is coming out of the HF? A duplexer splits the signal between
>ports, so there is a little leakage between them. The only problem that I've
>heard is that some autotuners designed to tune with one watt will be
>activated in some cases. The output is generally well below a watt, but, I
>believe it's the Z-11, will, in some cases, activate. The only problem that
>this seems to cause is if you are distracted by the LED on the tuner.
>
>It's also not unusual for some RF to get back into the other port by picking
>it up via the antenna. Some have reported this causing the low-power LDG
>tuner to try to tune.
>
>How are you seeing that the output is via the wrong port? Can you measure
>the
>power out of each port?
>
>73,
>kg4jix - randy.

27832. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 11:35:52 UTC
From: Randy Charles Ford
Topic: 27819 Message: 27832

Dave,

How does a Hi-lo pass filter dividing signals between outputs based on frequency differ from a diplexer? (Sorry, I meant "diplexer" when I typed "duplexer" in my earlier post.) "Effectively stopping the signal" really means to attenuate it to below some threshold. Several people have posted their measurements of up to 0.5W or so of VHF signal coming out of the HF port. Most report lower than that. Some of the people who have done the measurement have used spectrum analyzers to show that it is the modulated VHF signal that is leaking, so it isn't an out-of-band signal. Others have shown that the commonly measured values, generally less than 0.25W, are reasonable.

I'm not sure if the discussions have been mostly in this group or the FT-857 one, but it comes up regularly.

73,
kg4jix - randy.

On Monday 28 September 2009 06:06:11 Dave Nelson wrote:
> Sorry Randy
> but that is totally incorrect
>
> The V/UHF and the HF/6m antenna ports are totally separate, there is
> NO duplexer/splitter or anything like that between the TX power devices and
> the antenna ports each of the pairs of bands go direct to their respective
> antenna
> ports via appropriate Hi-lo pass filters and diode switching for TX and RX.
>
> Only at low power levels PRIOR to the final devices does the respective
> HF/6M
> 2M or 70cm come from the main board via a common coax to the PA board
>
> The Hi-Lo pass filters prior to the PA devices would effectively stop V/UHF
> from
> going through to the HF/6M PA device. and visa versa
>
> there has to be another reason .... mis-identification of ports etc
>
> Dave
> VK2TDN

27833. Re: FT-897D x FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-28 11:49:50 UTC
From: Charles
Topic: 27827 Message: 27833

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
> On Sun, 2009-09-27 at 18:11 +0000, py1lo wrote:
> > Hi all,
> >
> > I recently bought a FT-897 (D). How to access memories (M-601 M-605)
> > of the band of 60 m? For the manual, page 23 has no effect, when I
> > press the V / M goes to 7.000.00MHz. How to tell if the TCXO is
> > installed? I wonder because I doubt if it is the D version, because
> > only in the box written is FT-897 (D). The radio not only FT-897.
>
>
> Those are special memories only available in an unmodified US version.
>
> You can manually program the 60m band (be warned the FCC publishes the
> carrier frequency which is not what the radio will display since its
> USB).

I just looked at a friend's 897D that he acquired from another ham. It was acting strangely, and the 60M memories weren't available. After a bit of looking I found that it had been modified for MARS (essentially removing any transmit restrictions.) After removing the mods, and setting the hard jumpers to be the same as my 897, then doing a reset, everything was back where it should have been. I'd suggest looking at the jumper settings and comparing them to what they should be. My bet is that its been modified but can be returned to its original state pretty easily providing whomever did the mods didn't butcher the board too badly.

73, Chuck, AA3CS

27834. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 12:04:14 UTC
From: g8hul
Topic: 27819 Message: 27834

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Dave,
>
> How does a Hi-lo pass filter dividing signals between outputs based on
> frequency differ from a diplexer?

It doesn't, BUT if you read the post the OP was saying that the paths are entirely seperate! If the filters are not connected together at a common point they cannot be a diplexer.

The TX paths go through different PA stages for HF and V/UHF and then through different filters, and then to different antenna sockets.

73
Jeff

27835. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 12:12:02 UTC
From: g8hul
Topic: 27819 Message: 27835

> Several people have
> posted their measurements of up to 0.5W or so of VHF signal coming out of the
> HF port. Most report lower than that. Some of the people who have done the
> measurement have used spectrum analyzers to show that it is the modulated VHF
> signal that is leaking, so it isn't an out-of-band signal. Others have shown
> that the commonly measured values, generally less than 0.25W, are reasonable.
>

How are these measurements being done? Is the HF port terminated or is it still connected to an HF antenna, or is there an external dipelxer attached?

If it is it is likely that the VHF power is being received on the HF antenna and routed back down the coax to the radio. Otherwise it seems very unlikely that these measurements are real.

Look at the circuit diagram and it will become obvious that there are no common high power paths AFTER the respective HF and V/UHF PA's, before you get to the antenna sockets.

73
Jeff

27836. Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 13:58:43 UTC
From: Rex
Topic: 27819 Message: 27836

This needs further investigation.

I can confirm that it does happen. If I transmit on 2m and have my LDG auto tuner connected to the HF port the LDG sometimes senses RF & starts to tune.

The connectors on the PA board are reasonably close, maybe there is enough coupling between the VHF and HF output stages on the PCB or some components to allow the signal to cross over.

--- In FT897@yahoogroups.com, Randy Charles Ford <kg4jix@...> wrote:
>
> Dave,
>
> How does a Hi-lo pass filter dividing signals between outputs based on
> frequency differ from a diplexer? (Sorry, I meant "diplexer" when I
> typed "duplexer" in my earlier post.) "Effectively stopping the signal"
> really means to attenuate it to below some threshold. Several people have
> posted their measurements of up to 0.5W or so of VHF signal coming out of the
> HF port. Most report lower than that. Some of the people who have done the
> measurement have used spectrum analyzers to show that it is the modulated VHF
> signal that is leaking, so it isn't an out-of-band signal. Others have shown
> that the commonly measured values, generally less than 0.25W, are reasonable.
>
> I'm not sure if the discussions have been mostly in this group or the FT-857
> one, but it comes up regularly.
>
> 73,
> kg4jix - randy.
>
>
> On Monday 28 September 2009 06:06:11 Dave Nelson wrote:
> > Sorry Randy
> > but that is totally incorrect
> >
> > The V/UHF and the HF/6m antenna ports are totally separate, there is
> > NO duplexer/splitter or anything like that between the TX power devices and
> > the antenna ports each of the pairs of bands go direct to their respective
> > antenna
> > ports via appropriate Hi-lo pass filters and diode switching for TX and RX.
> >
> > Only at low power levels PRIOR to the final devices does the respective
> > HF/6M
> > 2M or 70cm come from the main board via a common coax to the PA board
> >
> > The Hi-Lo pass filters prior to the PA devices would effectively stop V/UHF
> > from

> > going through to the HF/6M PA device. and visa versa
> >
> > there has to be another reason .... mis-identification of ports etc
> >
> > Dave
> > VK2TDN
>

27837. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 14:31:42 UTC
From: Charles Scott
Topic: 27819 Message: 27837

All:

I'd like to associate myself with earlier comments that this RF could easily be coming back in from the opposite antenna. This problem is worse in situations where the antennas are in close proximity to each other, such as mobiles, but can happen even with considerable spacing.

To definitively determine if that is the case, simply connect a dummy load to the port opposite the one you're transmitting on, or to the antenna port of the auto-tuner that's being affected.

If this is the problem, then a low-pass filter for the HF antenna line and a high-pass filter for the VHF/UHF antenna line will certainly solve the problem.

Chuck - N8DNX

Rex wrote:
> This needs further investigation.
>
> I can confirm that it does happen. If I transmit on 2m and have my LDG auto tuner connected to the HF port the LDG sometimes senses RF & starts to tune.
>
> The connectors on the PA board are reasonably close, maybe there is enough coupling between the VHF and HF output stages on the PCB or some components to allow the signal to cross over.
>
>

27838. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 14:32:23 UTC
From: Charles Scott
Topic: 27819 Message: 27838

All:

I'd like to associate myself with earlier comments that this RF could easily be coming back in from the opposite antenna. This problem is worse in situations where the antennas are in close proximity to each other, such as mobiles, but can happen even with considerable spacing.

To definitively determine if that is the case, simply connect a dummy load to the port opposite the one you're transmitting on, or to the antenna port of the auto-tuner that's being affected.

If this is the problem, then a low-pass filter for the HF antenna line and a high-pass filter for the VHF/UHF antenna line will certainly solve the problem.

Chuck - N8DNX

Rex wrote:
> This needs further investigation.
>
> I can confirm that it does happen. If I transmit on 2m and have my LDG auto tuner connected to the HF port the LDG sometimes senses RF & starts to tune.
>
> The connectors on the PA board are reasonably close, maybe there is enough coupling between the VHF and HF output stages on the PCB or some components to allow the signal to cross over.
>
>

27839. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 15:11:30 UTC
From: Randy Charles Ford
Topic: 27819 Message: 27839

On Monday 28 September 2009 09:32:23 Charles Scott wrote:
> All:
>
> I'd like to associate myself with earlier comments that this RF could
> easily be coming back in from the opposite antenna. This problem is
> worse in situations where the antennas are in close proximity to each
> other, such as mobiles, but can happen even with considerable spacing.

This does happen, and moving antennas has been enough to stop the retuning problem for some people.

> To definitively determine if that is the case, simply connect a dummy
> load to the port opposite the one you're transmitting on, or to the
> antenna port of the auto-tuner that's being affected.

Several people did this, and confirmed that VHF was on the HF port, even with VHF-rated dummy loads on the VHF port.

> If this is the problem, then a low-pass filter for the HF antenna line
> and a high-pass filter for the VHF/UHF antenna line will certainly solve
> the problem.

It wasn't much of a problem for most people anyway. Some people place their tuner on manual mode. The amount of bleed differs with different radios, so most people don't have any issue at all using the tuner. Since the problem is marginal at best, anything causing loss before the tuner, such as a SWR meter or switch keeps many from seeing the issue. Even using a longer coax before the tuner has stopped it for some. Of course, many just ignore the tuner retuning on HF while they're on VHF anyway.

There has been a lot of discussion of this in the past. I'm going to drop out now before this thread starts to rehash it all again. It's in the archives.

> Chuck - N8DNX

73,
kg4jix - randy.

27840. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 19:55:46 UTC
From: Trixter aka Bret McDanel
Topic: 27819 Message: 27840

On Mon, 2009-09-28 at 10:11 -0500, Randy Charles Ford wrote:
>
> On Monday 28 September 2009 09:32:23 Charles Scott wrote:
> > All:
> >
> > I'd like to associate myself with earlier comments that this RF
> could
> > easily be coming back in from the opposite antenna. This problem is
> > worse in situations where the antennas are in close proximity to
> each
> > other, such as mobiles, but can happen even with considerable
> spacing.
>
> This does happen, and moving antennas has been enough to stop the
> retuning
> problem for some people.
>

w4rt specifically says this problem occurs when you Tx 2m/70cm on a 897.
Its on the ldg z11pro page, they recommend you get a different tuner
that filters better and doesnt try to tune HF while you are working
2m/70cm.

I really havent paid enough attention to know if this is really the same
thing, and right now I am not in the best state of mind, but I thought
that it might be a helpful tidbit.

kc2dwq

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27841. I think I've killed the Cat

Yahoo group: FT897 (2009)
Date: 2009-09-28 20:13:31 UTC
From: markwilliamlee
Topic: 27841 Message: 27841

Hello,
I'm sure what I've done but the rear cat port won't connect.
I've tried all the settings also a new cable.
I can connect using the front mic plug and that works fine. I've tested that 13 volts comes out of the pin on the rear connector also the surface mount fuse seems to bell out ok.
Is there anything else I could try.

Thanks for any advice.

Mark

G0LXV

27842. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-28 21:21:43 UTC
From: Charles Scott
Topic: 27819 Message: 27842

kc2dwg:

This seems like an odd statement. Any tuner that auto-senses RF at a level that will catch the power coming back in the HF port will likely try to re-tune. I suppose if it knew that it was power coming from the antenna rather than the radio it could avoid that, or if there was filtering to prevent this, but I don't see those as normal requirements for an HF auto-tuner.

It's really simple to solve this problem, if that's what it is. All it takes is a low-pass filter on the HF antenna line. That can even be a spare diplexer with the VHF/UHF port terminated. It's pretty easy to build one for that matter. I don't see the sense of replacing an auto-tuner for this reason. Of course you want to be sure that your low-pass filter cuts off above 50 MHz if you're going to use 6 Meters.

Chuck - N8DNX

Trixter aka Bret McDanel wrote:
>
> w4rt specifically says this problem occurs when you Tx 2m/70cm on a 897.
> Its on the ldg z11pro page, they recommend you get a different tuner
> that filters better and doesnt try to tune HF while you are working
> 2m/70cm.
>
> I really havent paid enough attention to know if this is really the same
> thing, and right now I am not in the best state of mind, but I thought
> that it might be a helpful tidbit.
>
> kc2dwq
>
>

27843. Re: [FT897] Re: FT-897D x FT-897

Yahoo group: FT897 (2009)
Date: 2009-09-28 22:49:04 UTC
From: Miguel Ferraz - PY1LO
Topic: 27827 Message: 27843

Thank you all for the clarification.
 I think the problema is the same, the radio must have been changed to MARS. I remove the lid and check.

73.
Miguel, PY1LO

--- Em seg, 28/9/09, Charles <ab3gz@...> escreveu:

De: Charles <ab3gz@...>
Assunto: [FT897] Re: FT-897D x FT-897
Para: FT897@yahoogroups.com
Data: Segunda-feira, 28 de Setembro de 2009, 8:49

--- In FT897@yahoogroups. com, Trixter aka Bret McDanel <trixter@... > wrote:
> On Sun, 2009-09-27 at 18:11 +0000, py1lo wrote:
> > Hi all,
> >
> > I recently bought a FT-897 (D). How to access memories (M-601 M-605)
> > of the band of 60 m? For the manual, page 23 has no effect, when I
> > press the V / M goes to 7.000.00MHz. How to tell if the TCXO is
> > installed? I wonder because I doubt if it is the D version, because
> > only in the box written is FT-897 (D). The radio not only FT-897.
>
>
> Those are special memories only available in an unmodified US version.
>
> You can manually program the 60m band (be warned the FCC publishes the
> carrier frequency which is not what the radio will display since its
> USB).
I just looked at a friend's 897D that he acquired from another ham. It was acting strangely, and the 60M memories weren't available. After a bit of looking I found that it had been modified for MARS (essentially removing any transmit restrictions.) After removing the mods, and setting the hard jumpers to be the same as my 897, then doing a reset, everything was back where it should have been. I'd suggest looking at the jumper settings and comparing them to what they should be. My bet is that its been modified but can be returned to its original state pretty easily providing whomever did the mods didn't butcher the board too badly.

73, Chuck, AA3CS

_____
Veja quais são os assuntos do momento no Yahoo! +Buscados
http://br.maisbuscados.yahoo.com

[Non-text portions of this message have been removed]

27844. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-29 03:10:46 UTC
From: Trixter aka Bret McDanel
Topic: 27819 Message: 27844

On Mon, 2009-09-28 at 17:21 -0400, Charles Scott wrote:

> It's really simple to solve this problem, if that's what it is. All
> it
> takes is a low-pass filter on the HF antenna line.

that is what I was planning on doing. According to various people like w4rt electronics, its because on the 897 (maybe 857) when you Tx on 2m/70cm a little bit of the RF leaks to the HF jack. In my somewhat drugged stupor after coming home from the dentist this morning it all seemed to make perfect sense and be relevant.

> That can even be a
> spare diplexer with the VHF/UHF port terminated. It's pretty easy to
> build one for that matter. I don't see the sense of replacing an
> auto-tuner for this reason.

I wasnt suggesting that, I was just saying that this is a known problem.

>

kc2dwq

--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27845. Re: [FT897] I think I've killed the Cat

Yahoo group: FT897 (2009)
Date: 2009-09-29 03:12:47 UTC
From: Trixter aka Bret McDanel
Topic: 27841 Message: 27845

On Mon, 2009-09-28 at 20:13 +0000, markwilliamlee wrote:
>
> Hello,
> I'm sure what I've done but the rear cat port won't connect.
> I've tried all the settings also a new cable.
> I can connect using the front mic plug and that works fine. I've
> tested that 13 volts comes out of the pin on the rear connector also
> the surface mount fuse seems to bell out ok.
> Is there anything else I could try.

The rear cat port can be used for a linear, tuner or CAT. You have a
menu option somewhere (radio not handy, cant get the number) that will
let you select what that port does.

If that port is anything except CAT it will not allow you to connect. I
also think that there is a remote tuner option somewhere else that
changes that to tuner, but I just dont remember. I would look at what
the port is set to and what bps rate it is (I think that is the menu
item just prior)

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27846. Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-28 06:53:55 UTC
From: yo5orw
Topic: 27846 Message: 27846

Hello.
I have a problem with my ft-897D. Few days ago it started to receive some noisy signals on all bands even without antennas connected. The built-in S-meter is fluctuating from S1 to S9 randomly. The noise can be heard on FM when someone transmits on that frequency... that noise makes the receiving unreadable (a strong BZZZZ). SQL does not solves anything (even with max SQL, the signal is still there on the S meter). On SSB and AM the noise can be heard all the time. With RF gain you can cover it if you push it over S10 on the scale.
This is what I tried until now:
- changed the power supply (tried 3 different models, still the same). Also used a car battery and the result is the same.
- went to other locations (different QTHs), far from electrical devices... same thing.
- reset to factory default - still the same.

Here are two movies where you can see more exactly its behavior:

1. http://www.youtube.com/watch?v=DUiAWUD90UM - This is on FM (a local repeater). S-meter fluctuates randomly. When it receives something on that frequency, the noise can be heard.
2. http://www.youtube.com/watch?v=fs6CfluE6e8 - This is on SSB, where the noise can be heard all the time (the squelch must be almost at maximum to cover the noise). The S-meter fluctuates sometimes.

This happens on all the bands and in any modes, even with antennas disconnected.
Right now I'm out of ideas. I cant determine what can cause all this.
I really appreciate any help/idea.
Thank you.

73s,
Cosmin YO5ORW

27847. AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-28 20:38:27 UTC
From: SPYKE
Topic: 27847 Message: 27847

I've had a CB radio for years and my radio tech. talked me into getting on ham radios. I still new at this and was wondering. With the auto tuner what mode should I be on to start the auto tuner? ex. ssb, FM, Am ect.....
Thanks and I like this site. There is so much information on here, especially for a new guy like me.

27848. Icom SM-10 mic on FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-28 10:54:12 UTC
From: simon.worsley
Topic: 27848 Message: 27848

Hi

I have just got my hands on an Icom SM-10 Compressor/Graphic EQ desktop base mic and I am hoping to use it with the Yaesu FT-897D

This mic is an Electret condenser type mic, and needs 13.8v drive from the connector - the mic has a standard 8 pin Kenwood plug.

Can anyone tell me if this Mic should be good with the 897d?

Or even better, anyone use it with the 897D ?

Also does anyone know where I can buy or order a mic adapter to allow my to use it with the 897D? As mentioned I undertstand the mic needs 13.8V - I am living in London

Kind Regards and 73s, Simon

27849. Re: [FT897] AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 05:42:21 UTC
From: Trixter aka Bret McDanel
Topic: 27847 Message: 27849

On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
>
> I've had a CB radio for years and my radio tech. talked me into
> getting on ham radios. I still new at this and was wondering. With the
> auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> FM, Am ect.....
> Thanks and I like this site. There is so much information on here,
> especially for a new guy like me.
>
>

it depends on the tuner specifically, they are not all the same. Some
require that you change to a carrier mode (am/fm/etc) while others will
internally change the mode, do the tune, and change back.

You should read the documentation that came with your particular tuner
to determine what you should do with that one specifically.
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27850. Re: [FT897] Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 05:45:04 UTC
From: Trixter aka Bret McDanel
Topic: 27846 Message: 27850

On Mon, 2009-09-28 at 06:53 +0000, yo5orw wrote:
>
> Hello.
> I have a problem with my ft-897D. Few days ago it started to receive
> some noisy signals on all bands even without antennas connected. The
> built-in S-meter is fluctuating from S1 to S9 randomly. The noise can
> be heard on FM when someone transmits on that frequency... that noise
> makes the receiving unreadable (a strong BZZZZ). SQL does not solves
> anything (even with max SQL, the signal is still there on the S
> meter). On SSB and AM the noise can be heard all the time. With RF
> gain you can cover it if you push it over S10 on the scale.
> This is what I tried until now:

I would take a wild guess and go with common mode transmissions, or some other noise coming in through your power.

Did you connect anything to the radio recently (cat cable, data cable, etc)?

Did you add anything electronic to the house recently?

If the answer is no, its likely that your neighbor did. I could be totally wrong on this, after all its just a wild guess. Standard RFI techniques should help you to locate the source of the noise, and decide how to deal with it.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27851. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 06:02:25 UTC
From: yo5orw
Topic: 27846 Message: 27851

Thank you for the answer.
The only things connected to the radio are the power supply, which is a Alinco DM-330 MVE, and the VHF 4 elements yagi antenna. I dont own other accessories for this radio yet.
Surely, it became very sensitive to some signals around but it does the same thing in other locations (different QTHs). As a summary, this is what I tried:
1. I changed the power supply (tried 3 different models, still the same). I also used a car battery and the result is the same.
2. I went to other locations (different QTHs), far from electrical devices - no result.
3. I reset to factory default all settings - still the same.
4. I used the headphones (I thought it's a loose wire on the speaker) but the noise is still there and the S-meter still fluctuates.
This behavior is the same without the antenna connected, no matter whats band or the mode.

Cosmin - YO5ORW

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
> I would take a wild guess and go with common mode transmissions, or some
> other noise coming in through your power.
>
> Did you connect anything to the radio recently (cat cable, data cable,
> etc)?
>
> Did you add anything electronic to the house recently?
>
> If the answer is no, its likely that your neighbor did. I could be
> totally wrong on this, after all its just a wild guess. Standard RFI
> techniques should help you to locate the source of the noise, and decide
> how to deal with it.

27852. Re: [FT897] Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 06:14:09 UTC
From: Gary Altig
Topic: 27846 Message: 27852

DE N7UVL,
When you say "different QTH's" - How far away from each
other. Could they all be on the same power grid? Even
though you have tried direct connection to a battery,
how assured are you that there is no "BPL" operation
in your area?/ga

----- Original Message -----
From: yo5orw<mailto:yo6orw@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, September 27, 2009 11:53 PM
Subject: [FT897] Strange RX noise - FT-897D

Hello.
I have a problem with my ft-897D. Few days ago it started to receive some noisy signals on all bands even without antennas connected. The built-in S-meter is fluctuating from S1 to S9 randomly. The noise can be heard on FM when someone transmits on that frequency... that noise makes the receiving unreadable (a strong BZZZZ). SQL does not solves anything (even with max SQL, the signal is still there on the S meter). On SSB and AM the noise can be heard all the time. With RF gain you can cover it if you push it over S10 on the scale.
This is what I tried until now:
- changed the power supply (tried 3 different models, still the same). Also used a car battery and the result is the same.
- went to other locations (different QTHs), far from electrical devices... same thing.
- reset to factory default - still the same.

Here are two movies where you can see more exactly its behavior:

1. http://www.youtube.com/watch?v=DUiAWUD90UM<http://www.youtube.com/watch?v=DUiAWUD90UM>
- This is on FM (a local repeater). S-meter fluctuates randomly. When it receives something on that frequency, the noise can be heard.
2. http://www.youtube.com/watch?v=fs6CfluE6e8<http://www.youtube.com/watch?v=fs6CfluE6e8>
- This is on SSB, where the noise can be heard all the time (the squelch must be almost at maximum to cover the noise). The S-meter fluctuates sometimes.

This happens on all the bands and in any modes, even with antennas disconnected.
Right now I'm out of ideas. I cant determine what can cause all this.
I really appreciate any help/idea.
Thank you.

73s,
Cosmin YO5ORW

[Non-text portions of this message have been removed]

27853. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 06:35:11 UTC
From: yo5orw
Topic: 27846 Message: 27853

I tried at home in 3 different rooms, at work (which is at aprox. 20km away from my house - other town) and at a friend (aprox 15km away). My friend also has a FT-897D and does not receives these noises. Regarding the BPL, it is not implemented yet in my country (hopefully will never be). Some BPL tests were made in 2006 but the project was not implemented. Anyway, the tests were made in a town which is far away from mine (about 150 km).

Cosmin - YO5ORW

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> When you say "different QTH's" - How far away from each
> other. Could they all be on the same power grid? Even
> though you have tried direct connection to a battery,
> how assured are you that there is no "BPL" operation
> in your area?/ga

27854. Re: [FT897] Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 11:52:33 UTC
From: Keith
Topic: 27846 Message: 27854

yo5orw wrote:
> Thank you for the answer.
> The only things connected to the radio are the power supply, which is a Alinco DM-330 MVE, and the VHF 4 elements yagi antenna. I dont own other accessories for this radio yet. Surely, it became very sensitive to some signals around but it does the same thing in other locations (different QTHs). As a summary, this is what I tried:
> 1. I changed the power supply (tried 3 different models, still the same). I also used a car battery and the result is the same.
> 2. I went to other locations (different QTHs), far from electrical devices - no result.
> 3. I reset to factory default all settings - still the same.
> 4. I used the headphones (I thought it's a loose wire on the speaker) but the noise is still there and the S-meter still fluctuates.
> This behavior is the same without the antenna connected, no matter whats band or the mode.
>
> Cosmin - YO5ORW
>
> --- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>> I would take a wild guess and go with common mode transmissions, or some
>> other noise coming in through your power.
>>
>> Did you connect anything to the radio recently (cat cable, data cable,
>> etc)?
>>
>> Did you add anything electronic to the house recently?
>>
>> If the answer is no, its likely that your neighbor did. I could be
>> totally wrong on this, after all its just a wild guess. Standard RFI
>> techniques should help you to locate the source of the noise, and decide
>> how to deal with it.
>

Does this occur without an antenna connected? If it never occurs without an antenna connected it has something to do the antenna connection. It sounds like someone is connecting an antenna to the jack. So it could be a loose connection, wire or something at the RF board. Does it occur with both antenna jacks or just one. This could further isolate the problem to a connector or wire. I assume that you have connected the radio to different antennas with the same results so that rules out the coax or connector.
If you still can't figure it out send a email to Yaesu customer support and see if they have any idea what it could be. The noise the radio makes just remind me of me screwing in my coax and causing a short making the radio make noise similar to what is in your video.

--
Best Regards, Keith | http://home.comcast.net/~kilowattradio/

27855. Re: [FT897] Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:24:20 UTC
From: N4CQR
Topic: 27846 Message: 27855

You have a bad filter. Search the group for "static crash". I had the same problem. Yaesu replaced a filter. Been fine since.

Craig
  Grundig Satellit 750 Group: http://groups.yahoo.com/group/Satellit-750 Talk about Yaesu's Newest HT, the VX-8R: http://groups.yahoo.com/group/VX8R/

--- On Mon, 9/28/09, yo5orw <yo6orw@...> wrote:

> From: yo5orw <yo6orw@...>

27856. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:31:32 UTC
From: Hank
Topic: 27847 Message: 27856

I have the AT-897 and I do not have to put it in any mode. I find the frequency I want and if it is clear, I push the tune button. If the frequency is in use, I move up or down a bit before hitting the tune button and then back to the frequency I want to use.

The only thing I change is the power, I run it down to 5 watts before I hit tune, then back up. I am not sure if this is necessary, but I do not want to damage anything.

hth,

73 de KB4MTO / Hank

--- In FT897@yahoogroups.com, "SPYKE" <chavelospike1@...> wrote:
>
> I've had a CB radio for years and my radio tech. talked me into getting on ham radios. I still new at this and was wondering. With the auto tuner what mode should I be on to start the auto tuner? ex. ssb, FM, Am ect.....
> Thanks and I like this site. There is so much information on here, especially for a new guy like me.
>

27857. Re: [FT897] AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:39:53 UTC
From: Richard Corfield
Topic: 27847 Message: 27857

I have a manual tuner, so need to choose a mode with a carrier. I tend to use FM at minimum power. You can also use CW. If you enable keying while in a SSB mode (in the menus somewhere) then you can use your Morse key to send a signal to tune with.

- Richard

2009/9/28 SPYKE <chavelospike1@...>

>
>
> I've had a CB radio for years and my radio tech. talked me into getting on
> ham radios. I still new at this and was wondering. With the auto tuner what
> mode should I be on to start the auto tuner? ex. ssb, FM, Am ect.....
> Thanks and I like this site. There is so much information on here,
> especially for a new guy like me.
>
>
>

[Non-text portions of this message have been removed]

27858. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:50:46 UTC
From: georgemadline
Topic: 27847 Message: 27858

If you are using the LDG AT897 like your subject line seems to imply and you have connected all the cables as directed there is no need to make any changes before tuning. When you press the tune button it in essence makes all the changes necessary, keys the radio, tunes, unkeys radio, reverts all settings to exactly what they were before you pressed tune. The details are not reflected on the display as it does this. If you are using anything else that is not so automatic, lower the power to minimum, and tune in AM or CW mode.

George
kc0woa

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
> >
> > I've had a CB radio for years and my radio tech. talked me into
> > getting on ham radios. I still new at this and was wondering. With the
> > auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> > FM, Am ect.....
> > Thanks and I like this site. There is so much information on here,
> > especially for a new guy like me.
> >
> >
>
> it depends on the tuner specifically, they are not all the same. Some
> require that you change to a carrier mode (am/fm/etc) while others will
> internally change the mode, do the tune, and change back.
>
> You should read the documentation that came with your particular tuner
> to determine what you should do with that one specifically.
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

27859. Re: [FT897] Re: VHF transmit on HF connector?

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:58:04 UTC
From: Charles Scott
Topic: 27819 Message: 27859

Trixter aka Bret McDanel wrote:
>
> that is what I was planning on doing. According to various people like
> w4rt electronics, its because on the 897 (maybe 857) when you Tx on
> 2m/70cm a little bit of the RF leaks to the HF jack. In my somewhat
> drugged stupor after coming home from the dentist this morning it all
>
>
I'd be surprised if it's RF leaking out, but I can test that on my
radio. Does the person who reported this have specific frequencies that
were a problem?

Chuck - N8DNX

27860. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 14:12:59 UTC
From: Hank
Topic: 27847 Message: 27860

Does the AT-897 automatically reduce power during tune?

Hank, KB4MTO

--- In FT897@yahoogroups.com, "georgemadline" <gmadline@...> wrote:
>
> If you are using the LDG AT897 like your subject line seems to imply and you have connected all the cables as directed there is no need to make any changes before tuning. When you press the tune button it in essence makes all the changes necessary, keys the radio, tunes, unkeys radio, reverts all settings to exactly what they were before you pressed tune. The details are not reflected on the display as it does this. If you are using anything else that is not so automatic, lower the power to minimum, and tune in AM or CW mode.
>
> George
> kc0woa
>
>
> --- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@> wrote:
> >
> > On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
> > >
> > > I've had a CB radio for years and my radio tech. talked me into
> > > getting on ham radios. I still new at this and was wondering. With the
> > > auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> > > FM, Am ect.....
> > > Thanks and I like this site. There is so much information on here,
> > > especially for a new guy like me.
> > >
> > >
> >
> > it depends on the tuner specifically, they are not all the same. Some
> > require that you change to a carrier mode (am/fm/etc) while others will
> > internally change the mode, do the tune, and change back.
> >
> > You should read the documentation that came with your particular tuner
> > to determine what you should do with that one specifically.
> > >
> > --
> > Trixter http://www.0xdecafbad.com Bret McDanel
> > pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
> >
>

27861. Re: [FT897] Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 15:00:19 UTC
From: Gary Altig
Topic: 27846 Message: 27861

DE N7UVL,
Sounds like a lot of methods to isolate the problem has
not gone anywhere, other than "inside the radio".
-Something that occurred to me, although I have not
experienced it myself:
-There have been "posts" on this group concerning
circuit board grounding inside the radio. Tightening
mount screws and such. Also mentioned was placing
"star" washers under the circuit board mount screws.
All to help eliminate "strange" radio noises./ga

----- Original Message -----
From: yo5orw<mailto:yo6orw@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, September 27, 2009 11:53 PM
Subject: [FT897] Strange RX noise - FT-897D

Hello.
I have a problem with my ft-897D. Few days ago it started to receive some noisy signals on all bands even without antennas connected. The built-in S-meter is fluctuating from S1 to S9 randomly. The noise can be heard on FM when someone transmits on that frequency... that noise makes the receiving unreadable (a strong BZZZZ). SQL does not solves anything (even with max SQL, the signal is still there on the S meter). On SSB and AM the noise can be heard all the time. With RF gain you can cover it if you push it over S10 on the scale.
This is what I tried until now:
- changed the power supply (tried 3 different models, still the same). Also used a car battery and the result is the same.
- went to other locations (different QTHs), far from electrical devices... same thing.
- reset to factory default - still the same.

Here are two movies where you can see more exactly its behavior:

1. http://www.youtube.com/watch?v=DUiAWUD90UM<http://www.youtube.com/watch?v=DUiAWUD90UM>
- This is on FM (a local repeater). S-meter fluctuates randomly. When it receives something on that frequency, the noise can be heard.
2. http://www.youtube.com/watch?v=fs6CfluE6e8<http://www.youtube.com/watch?v=fs6CfluE6e8>
- This is on SSB, where the noise can be heard all the time (the squelch must be almost at maximum to cover the noise). The S-meter fluctuates sometimes.

This happens on all the bands and in any modes, even with antennas disconnected.
Right now I'm out of ideas. I cant determine what can cause all this.
I really appreciate any help/idea.
Thank you.

73s,
Cosmin YO5ORW

[Non-text portions of this message have been removed]

27862. Re: I think I've killed the Cat

Yahoo group: FT897 (2009)
Date: 2009-09-29 18:21:55 UTC
From: markwilliamlee
Topic: 27841 Message: 27862

Thanks for the info,
I've doubled checked that again and it's set ok and the baud rate is ok.
Never mind I'll set the mic port for cat operations it's very handy for tuning when using mixw ect.

Thanks

Mark

27863. Menus

Yahoo group: FT897 (2009)
Date: 2009-09-29 18:33:26 UTC
From: g4vkeuk04
Topic: 27863 Message: 27863

I've just got an FT-897, and superb it is. However, some of the menus seem to be missing, eg no56 the TAG menu. Any ideas?

27864. Re: [FT897] Menus

Yahoo group: FT897 (2009)
Date: 2009-09-29 18:35:46 UTC
From: Bob Jones
Topic: 27863 Message: 27864

You must set menu No-001 to "ON" to enable the extended menus.

Bob
W4LCS

--- On Tue, 9/29/09, g4vkeuk04 <g4vkeuk04@...> wrote:

From: g4vkeuk04 <g4vkeuk04@...>
Subject: [FT897] Menus
To: FT897@yahoogroups.com
Date: Tuesday, September 29, 2009, 1:33 PM

I've just got an FT-897, and superb it is. However, some of the menus seem to be missing, eg no56 the TAG menu. Any ideas?

[Non-text portions of this message have been removed]

27865. Re: [FT897] Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 19:17:47 UTC
From: Danny Loyd
Topic: 27847 Message: 27865

I have the AT-897 on the CAT port in the back of the 897 and I have to put a carrier on the radio to tune it. Is there another cable I am suppose to have connected to the tuner to make it automatic?

Danny
KE5WDI

_____
From: Hank <hank@...>
To: FT897@yahoogroups.com
Sent: Tuesday, September 29, 2009 9:12:59 AM
Subject: [FT897] Re: AT-897 auto tuner

Does the AT-897 automatically reduce power during tune?

Hank, KB4MTO

--- In FT897@yahoogroups. com, "georgemadline" <gmadline@.. .> wrote:
>
> If you are using the LDG AT897 like your subject line seems to imply and you have connected all the cables as directed there is no need to make any changes before tuning. When you press the tune button it in essence makes all the changes necessary, keys the radio, tunes, unkeys radio, reverts all settings to exactly what they were before you pressed tune. The details are not reflected on the display as it does this. If you are using anything else that is not so automatic, lower the power to minimum, and tune in AM or CW mode.
> George
> kc0woa
>
>
> --- In FT897@yahoogroups. com, Trixter aka Bret McDanel <trixter@> wrote:
> >
> > On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
> > >
> > > I've had a CB radio for years and my radio tech. talked me into
> > > getting on ham radios. I still new at this and was wondering. With the
> > > auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> > > FM, Am ect.....
> > > Thanks and I like this site. There is so much information on here,
> > > especially for a new guy like me.
> > >
> > >
> >
> > it depends on the tuner specifically, they are not all the same. Some
> > require that you change to a carrier mode (am/fm/etc) while others will

> > internally change the mode, do the tune, and change back.
> >
> > You should read the documentation that came with your particular tuner
> > to determine what you should do with that one specifically.
> > >
> > --
> > Trixter http://www.0xdecafbad.com Bret McDanel
> > pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721
> >
>

[Non-text portions of this message have been removed]

27866. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 19:23:41 UTC
From: pjseraf
Topic: 27846 Message: 27866

Cosmin,

I too have a similar problem with my FT897D which I recently purchased used on-line. I will not do that again.

I looked at your video and mine has the same type of noise on all bands with the antenna disconnected and the FT897D has been tested on 2 different power supplies and a battery with the same result. My FT897D is really noisy using AM mode and no antenna. It has reached as high as S9 on occassion and it is a function of temperature. It is less noisy with SSB but that may be a funtion of the ssb filter. If the unit is on a long time it will sometimes disapear. I am convinced the problem is in the radio because none of my other rigs exibit this problem.

I haven't really tried the FM section to see if it behaves like your unit does. I hope we can find the problem as it looks like a nice radio but right now I am disapointed with my recent purchase.

73s
Good Luck
K3FOD - Phil

--- In FT897@yahoogroups.com, "yo5orw" <yo6orw@...> wrote:
>
> Hello.
> I have a problem with my ft-897D. Few days ago it started to receive some noisy signals on all bands even without antennas connected. The built-in S-meter is fluctuating from S1 to S9 randomly. The noise can be heard on FM when someone transmits on that frequency... that noise makes the receiving unreadable (a strong BZZZZ). SQL does not solves anything (even with max SQL, the signal is still there on the S meter). On SSB and AM the noise can be heard all the time. With RF gain you can cover it if you push it over S10 on the scale.
> This is what I tried until now:
> - changed the power supply (tried 3 different models, still the same). Also used a car battery and the result is the same.
> - went to other locations (different QTHs), far from electrical devices... same thing.
> - reset to factory default - still the same.
>
> Here are two movies where you can see more exactly its behavior:
>
> 1. http://www.youtube.com/watch?v=DUiAWUD90UM - This is on FM (a local repeater). S-meter fluctuates randomly. When it receives something on that frequency, the noise can be heard.
> 2. http://www.youtube.com/watch?v=fs6CfluE6e8 - This is on SSB, where the noise can be heard all the time (the squelch must be almost at maximum to cover the noise). The S-meter fluctuates sometimes.
>
> This happens on all the bands and in any modes, even with antennas disconnected.

> Right now I'm out of ideas. I cant determine what can cause all this.
> I really appreciate any help/idea.
> Thank you.
>
> 73s,
> Cosmin YO5ORW
>

27867. RE: [FT897] Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 19:27:57 UTC
From: John Johnson
Topic: 27847 Message: 27867

The 'Y-ACC' cable makes it automatic. I believe LDG supply it as standard now but I didn't get one with mine a few years ago. I bought one recently for £10 (in the region of $10 or €10) or you can make it from scratch or modify a 3.5mm stereo lead - a bit of googling will find the circuit (tip at one end to ring at the other, but I don't remember which way round).

JJ

G6VZM / 9H4JJ

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Danny Loyd
Sent: 29 September 2009 20:18
To: FT897@yahoogroups.com
Subject: Re: [FT897] Re: AT-897 auto tuner

I have the AT-897 on the CAT port in the back of the 897 and I have to put a carrier on the radio to tune it. Is there another cable I am suppose to have connected to the tuner to make it automatic?

Danny
KE5WDI

From: Hank <hank@... <mailto:hank%40hanklambert.com> >
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Sent: Tuesday, September 29, 2009 9:12:59 AM
Subject: [FT897] Re: AT-897 auto tuner

Does the AT-897 automatically reduce power during tune?

Hank, KB4MTO

--- In FT897@yahoogroups. com, "georgemadline" <gmadline@.. .> wrote:
>
> If you are using the LDG AT897 like your subject line seems to imply and you have connected all the cables as directed there is no need to make any changes before tuning. When you press the tune button it in essence makes all the changes necessary, keys the radio, tunes, unkeys radio, reverts all settings to exactly what they were before you pressed tune. The details are not reflected on the display as it does this. If you are using anything else that is not so automatic, lower the power to minimum, and tune in AM or CW mode.
>
> George
> kc0woa
>
>
> --- In FT897@yahoogroups. com, Trixter aka Bret McDanel <trixter@> wrote:

> >
> > On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
> > >
> > > I've had a CB radio for years and my radio tech. talked me into
> > > getting on ham radios. I still new at this and was wondering. With the
> > > auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> > > FM, Am ect.....
> > > Thanks and I like this site. There is so much information on here,
> > > especially for a new guy like me.
> > >
> > >
> >
> > it depends on the tuner specifically, they are not all the same. Some
> > require that you change to a carrier mode (am/fm/etc) while others will
> > internally change the mode, do the tune, and change back.
> >
> > You should read the documentation that came with your particular tuner
> > to determine what you should do with that one specifically.
> > >
> > --
> > Trixter http://www.0xdecafbad.com Bret McDanel
> > pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721
> >
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27868. Re: [FT897] Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-29 19:49:04 UTC
From: Florentin Nastase
Topic: 27846 Message: 27868

Most of strange RX there are from CATV, local TV and radio's stations wich are aerial cable..
We are "not important"....THE BIG DEAL is nr one..
BPL ...it's the end for HAM RADIO..
73's
Florentin YO9BXC.
--- On Mon, 9/28/09, yo5orw <yo6orw@...> wrote:

From: yo5orw <yo6orw@...>
Subject: [FT897] Re: Strange RX noise - FT-897D
To: FT897@yahoogroups.com
Date: Monday, September 28, 2009, 11:35 PM

I tried at home in 3 different rooms, at work (which is at aprox. 20km away from my house - other town) and at a friend (aprox 15km away). My friend also has a FT-897D and does not receives these noises. Regarding the BPL, it is not implemented yet in my country (hopefully will never be). Some BPL tests were made in 2006 but the project was not implemented. Anyway, the tests were made in a town which is far away from mine (about 150 km).

Cosmin - YO5ORW

--- In FT897@yahoogroups. com, "Gary Altig" <garylaltig@ ...> wrote:
>
> DE N7UVL,
> When you say "different QTH's" - How far away from each
> other. Could they all be on the same power grid? Even
> though you have tried direct connection to a battery,
> how assured are you that there is no "BPL" operation
> in your area?/ga

[Non-text portions of this message have been removed]

27869. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 22:09:45 UTC
From: Hank
Topic: 27847 Message: 27869

Yes, there is a cable with 3.5mm plugs on the ends that connect from the AT-897D to the ACC jack on the FT-897D.

Hank, KB4MTO

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have the AT-897 on the CAT port in the back of the 897 and I have to put a carrier on the radio to tune it. Is there another cable I am suppose to have connected to the tuner to make it automatic?
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Hank <hank@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, September 29, 2009 9:12:59 AM
> Subject: [FT897] Re: AT-897 auto tuner
>
>
> Does the AT-897 automatically reduce power during tune?
>
> Hank, KB4MTO
>
> --- In FT897@yahoogroups. com, "georgemadline" <gmadline@ .> wrote:
> >
> > If you are using the LDG AT897 like your subject line seems to imply and you have connected all the cables as directed there is no need to make any changes before tuning. When you press the tune button it in essence makes all the changes necessary, keys the radio, tunes, unkeys radio, reverts all settings to exactly what they were before you pressed tune. The details are not reflected on the display as it does this. If you are using anything else that is not so automatic, lower the power to minimum, and tune in AM or CW mode.
> >
> > George
> > kc0woa
> >
> >
> > --- In FT897@yahoogroups. com, Trixter aka Bret McDanel <trixter@> wrote:
> > >
> > > On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:

> > > >
> > > > I've had a CB radio for years and my radio tech. talked me into
> > > > getting on ham radios. I still new at this and was wondering. With the
> > > > auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> > > > FM, Am ect.....
> > > > Thanks and I like this site. There is so much information on here,
> > > > especially for a new guy like me.
> > > >
> > > >
> > >
> > > it depends on the tuner specifically, they are not all the same. Some
> > > require that you change to a carrier mode (am/fm/etc) while others will
> > > internally change the mode, do the tune, and change back.
> > >
> > > You should read the documentation that came with your particular tuner
> > > to determine what you should do with that one specifically.
> > > >
> > > --
> > > Trixter http://www.0xdecafbad.com Bret McDanel
> > > pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721
> > >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

27870. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-30 05:23:45 UTC
From: yo5orw
Topic: 27846 Message: 27870

Thanks N4CQR.

Do you remember what filter did they replaced?

Cosmin - YO5ORW

--- In FT897@yahoogroups.com, N4CQR <n4cqr@...> wrote:
>
> You have a bad filter. Search the group for "static crash". I had the same problem. Yaesu replaced a filter. Been fine since.
>
> Craig
> Grundig Satellit 750 Group: http://groups.yahoo.com/group/Satellit-750 Talk about Yaesu's Newest HT, the VX-8R: http://groups.yahoo.com/group/VX8R/
>
>
> --- On Mon, 9/28/09, yo5orw <yo6orw@...> wrote:
>
> > From: yo5orw <yo6orw@...>
>

27871. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-30 05:42:26 UTC
From: yo5orw
Topic: 27846 Message: 27871

Thanks YO9BXC, K3FOD, N7UVL, Keith et al:)

Analyzing all the answers I think there are two possible problems: grounding or a bad filter (or both).
Until the problems started, the radio was operated from the same place (without being moved) for very short periods of time (1-2 hours per day) at maximum 25 Watts on VHF FM&SSB only. I operated this radio for about 3 weeks (without any problem) and then, suddenly this noise appeared. If it is the grounding, shouldn't have had the same behavior from the very beginning?
Anyway, it will go back to the dealer as soon as possible since its in the warranty period. Thank you.

Cosmin - YO5ORW

27872. Re: [FT897] AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 06:13:46 UTC
From: Damien Gardner Jnr
Topic: 27847 Message: 27872

On 29/09/2009, at 3:42 PM, Trixter aka Bret McDanel wrote:

> On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
>> I still new at this and was wondering. With the
>> auto tuner what mode should I be on to start the auto tuner? ex. ssb,
>> FM, Am ect.....
>
> it depends on the tuner specifically, they are not all the same. Some
> require that you change to a carrier mode (am/fm/etc) while others
> will
> internally change the mode, do the tune, and change back.
>
> You should read the documentation that came with your particular tuner
> to determine what you should do with that one specifically

The doco that comes with the AT-897 (at least here in .au) just says 'tune to the desired band, press and hold the tune button until the led lights, then release button to start auto-tune function' - it's not really much help ;)

Though from experience, I can say that it doesn't seem to matter what mode you have selected - I don't know if it's changing the mode, or telling the FT897 that it's tuning or what have you, but even on LSB/USB, the power meter goes up and down as it tunes..

Actually thinking about it, I can't say I've ever tuned on anything but LSB, given I only really use my 897 for APRS :)

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

27873. Re: Menus

Yahoo group: FT897 (2009)
Date: 2009-09-29 19:18:51 UTC
From: edhayes79
Topic: 27863 Message: 27873

--- In FT897@yahoogroups.com, "g4vkeuk04" <g4vkeuk04@...> wrote:
>
> I've just got an FT-897, and superb it is. However, some of the menus seem to be missing, eg no56 the TAG menu. Any ideas?
>

Just a thought - Have you enabled the extended menu option (option 1 on the Menu System)?

27874. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 12:11:52 UTC
From: chuckschott727
Topic: 27847 Message: 27874

--- In FT897@yahoogroups.com, "SPYKE" <chavelospike1@...> wrote:
>
> I've had a CB radio for years and my radio tech. talked me into getting on ham radios. I still new at this and was wondering. With the auto tuner what mode should I be on to start the auto tuner? ex. ssb, FM, Am ect.....
> Thanks and I like this site. There is so much information on here, especially for a new guy like me.
>

The AT897 automatically switches to CW after you push the button, even though it does not show on the radio. It will switch back to whatever mode you had it in after the process.

27875. Be Down in Panama City Beach Florida

Yahoo group: FT897 (2009)
Date: 2009-09-29 13:48:34 UTC
From: chuckschott727
Topic: 27875 Message: 27875

Hi, all. I will be down in Panama City Beach from 10-2-2009 to 10-9-2009 along with the Buddipole and the Yeasu FT 897. I will be up on the 5th floor looking out over the Gulf.

Hope to meet some of you guys on the air.

Chuck
Ke4grp

Kathy
Ke4nil

27876. HELP!!!! AT897 autotuner

Yahoo group: FT897 (2009)
Date: 2009-09-29 23:41:14 UTC
From: eaglef15
Topic: 27876 Message: 27876

Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.

Thanks

27877. Re: [FT897] Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-09-30 12:19:12 UTC
From: N4CQR
Topic: 27846 Message: 27877

No, I sure don't. I have the repair reciept packed away with the radio boxes.

Craig
  Grundig Satellit 750 Group: http://groups.yahoo.com/group/Satellit-750 Talk about Yaesu's Newest HT, the VX-8R: http://groups.yahoo.com/group/VX8R/

--- On Wed, 9/30/09, yo5orw <yo6orw@...> wrote:

> From: yo5orw <yo6orw@...>
> Subject: [FT897] Re: Strange RX noise - FT-897D
> To: FT897@yahoogroups.com
> Date: Wednesday, September 30, 2009, 1:23 AM
> Thanks N4CQR.
>
> Do you remember what filter did they replaced?
>
> Cosmin - YO5ORW

27878. Re: [FT897] AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 12:50:48 UTC
From: Geoff Blake
Topic: 27847 Message: 27878

On Tue, 29 Sep 2009, Damien Gardner Jnr wrote:

> On 29/09/2009, at 3:42 PM, Trixter aka Bret McDanel wrote:
>
> > On Mon, 2009-09-28 at 20:38 +0000, SPYKE wrote:
> >> I still new at this and was wondering. With the
> >> auto tuner what mode should I be on to start the auto tuner? ex. ssb,
> >> FM, Am ect.....
> > >
> > > it depends on the tuner specifically, they are not all the same. Some
> > > require that you change to a carrier mode (am/fm/etc) while others
> > > will
> > > internally change the mode, do the tune, and change back.
> > >
> > > You should read the documentation that came with your particular tuner
> > > to determine what you should do with that one specifically
>
> The doco that comes with the AT-897 (at least here in .au) just says
> 'tune to the desired band, press and hold the tune button until the
> led lights, then release button to start auto-tune function' - it's
> not really much help ;)
>
> Though from experience, I can say that it doesn't seem to matter what
> mode you have selected - I don't know if it's changing the mode, or
> telling the FT897 that it's tuning or what have you, but even on LSB/
> USB, the power meter goes up and down as it tunes..
>
> Actually thinking about it, I can't say I've ever tuned on anything
> but LSB, given I only really use my 897 for APRS :)

From what I read elsewhere, when the ATU button is pushed for a fraction of a second, the LED does not light and the AT897 is switched out of circuit.

When the button is pressed for ~1 second or so, the LED lights and the micro in the AT897 communicates with the FT897 and switches the radio to a low power and to a "carrier" mode (AM and 5W I believe). If the SWR is <1.5:1 then the Frequency and L & C parameters are stored in memory and the LED extinguishes and the micro resets the radio to the original mode and power.

If the SWR is >1.5:1 then the micro searches the memory for a set of parameters matching the frequency and tries those for a SWR <1.5:1. If successful the LED is extinguised and the micro resets the radio.

If that search is unsuccessful or the button is pressed for longer than about 2 seconds, the ATU begins a full tuning cycle, seeking a match of better that 1.5:1. When/if that is achived the Frequency and L & C parameters are stored in memory and the LED is extinguished and the micro resets the radio.

At least, this is my understanding of how it works, YMMV.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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27879. Re: Menus

Yahoo group: FT897 (2009)
Date: 2009-09-30 13:31:23 UTC
From: g4vkeuk04
Topic: 27863 Message: 27879

--- In FT897@yahoogroups.com, "g4vkeuk04" <g4vkeuk04@...> wrote:
>
> I've just got an FT-897, and superb it is. However, some of the menus seem to be missing, eg no56 the TAG menu. Any ideas?
>
I knew this was the place to get answers!! Setting Menu no. 001 to 'on' id the trick.
Thanks all.

27880. Re: HELP!!!! AT897 autotuner (Plus)

Yahoo group: FT897 (2009)
Date: 2009-09-30 13:46:59 UTC
From: Dwayne
Topic: 27876 Message: 27880

Hello,

What do you have your menu settings for the tuner set to?

Dwayne Kincaid
LDG

> Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.
>
> Thanks
>

27881. Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:32:13 UTC
From: Andy McMullin
Topic: 27881 Message: 27881

Hi All,

I'm looking for some advice....

I have an FT-897 with the mains supply or batteries. I'm looking to use it at our school to try and get an amateur radio club going with the students. My problem is the choice of aerial!

For safety reasons the windows only open a fraction of an inch. Because it's not an established club (yet) I can't run long wires or install anything permanent on the buildings. I do have a large space in the "loft" above my class which I can get to (with a ladder). I'd like to be able to use anything I get for my own purposes, such as working portable or mobile.

Currently I am looking at the ATAS 120, probably with radial kit, to mount in the "loft" somehow - or maybe on a tripod. If I read things right, it has the advantage that, when matched to an 897, it'll tune itself and I won't have to touch it once I've mounted it somewhere. It also covers 2m and 70cm and won't need an ATU. In the UK that'll set me back about £240 + £90 for the radials. Without the radials I could use it mobile.

The altenative is the Buddipole. No radials, mounts easily on a tripod but it needs an ATU and manual adjustment (so I have to be able to get at the aerial easily). I'd also need to buy a separate antenna for 2m and 70cm; and sort something out for 80m. However, I'm told it will outperform the ATAS because there's "more metal in the sky" and it would be great for portable operation - but not mobile. Then again, in the UK a Buddipole is about £430 (or £240 for the mini if that's an alternative).

What do you think? Or is there an alternative I've missed? All advice greatfully received.

Regards
Andy, G8TQH
http://www.rickham.net/

[Non-text portions of this message have been removed]

27882. RE: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:43:20 UTC
From: Ted Wrobel
Topic: 27881 Message: 27882

Hi Andy,

First, don't worry about the 2 meter / 70 cm antenna. Since it comes out a separate port on the 897 you need two coax leads anyway. You can make highly effective dipoles for 2m and 70 cm really easily and they are short. Might be a good exercise for the club.

If you really want to save money and don't want to run on a bunch of bands I suggest you look at the hamstick dipole approach.

You can pair 80 and 40 pretty easily, fun project to tune them, easily portable if not mobile.

In the USA we can buy hamstick type antennas for around $20 so the whole 40 / 80 setup will cost around $80 for the hamsticks and maybe another $40 for connectors and such.

Good luck, thanks for helping the younger folks!

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Andy McMullin
Sent: Wednesday, September 30, 2009 12:32
To: FT897@yahoogroups.com
Subject: [FT897] Aerial Advice

70 cm

Hi All,

I'm looking for some advice....

I have an FT-897 with the mains supply or batteries. I'm looking to use it at our school to try and get an amateur radio club going with the students. My problem is the choice of aerial!

For safety reasons the windows only open a fraction of an inch. Because it's not an established club (yet) I can't run long wires or install anything permanent on the buildings. I do have a large space in the "loft" above my class which I can get to (with a ladder). I'd like to be able to use anything I get for my own purposes, such as working portable or mobile.

Currently I am looking at the ATAS 120, probably with radial kit, to mount in the "loft" somehow - or maybe on a tripod. If I read things right, it has the advantage that, when matched to an 897, it'll tune itself and I won't have to touch it once I've mounted it somewhere. It also covers 2m and 70cm and won't need an ATU. In the UK that'll set me back about £240 + £90 for the radials. Without the radials I could use it mobile.

The altenative is the Buddipole. No radials, mounts easily on a tripod but it needs an ATU and manual adjustment (so I have to be able to get at the aerial easily). I'd also need to buy a separate antenna for 2m and 70cm; and sort something out for 80m. However, I'm told it will outperform the ATAS because there's "more metal in the sky" and it would be great for portable operation - but not mobile. Then again, in the UK a Buddipole is about £430 (or £240 for the mini if that's an alternative).

What do you think? Or is there an alternative I've missed? All advice greatfully received.

Regards
Andy, G8TQH
http://www.rickham. <http://www.rickham.net/> net/

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[Non-text portions of this message have been removed]

27883. Re: [FT897] Re: Menus

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:44:07 UTC
From: K9ZTV
Topic: 27863 Message: 27883

It also helps to read the manual.

K9ZTV

Someone wrote:
>
> >
> > I've just got an FT-897, and superb it is. However, some of the
> menus seem to be missing, eg no56 the TAG menu. Any ideas?
> >
> I knew this was the place to get answers!! Setting Menu no. 001 to
> 'on' id the trick. Thanks all.
>
>

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27884. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:49:31 UTC
From: Bill Husted
Topic: 27881 Message: 27884

It's going to be quite a compromise antenna in any case. And if there is a lot of metal or wiring in the loft space, or in the area of the building around it, that will make everything even worse.

I'm assuming that it's a small loft space. I've seen attic-installed dipoles (bent every which way since there wasn't enough room in the attic) deliver acceptable results. Here's a Web page that talks about one such installation that worked after a fashion: http://www.qsl.net/af4ps/iad.html

Again, I suspect your loft space is tiny - even compared to what that fellow had to work with - if that's so then a dipole may not be an option. However, if it is, you'd find that it would almost certaintly out-perform either of your other choices. They're both severely undersized so you would be adding compromise to compromise to the point where you couldn't expect much.

I'm also assuming you've actually talked to the school administration and know for a fact that you would not be allowed to install a better antenna. For instance, a fan dipole on the roof or even an all-band Butternut vertical on the roof - maybe with the coax coming down to your classroom through the loft area - would be a hugely better choice.

But if none of these options help, then I would get the antenna that you'd most like to have for your use away from school. That way if it turns out to be a complete flop in the loft space you'd at least have one that you can enjoy away from school. I don't mean to be discouraging and it's great that you're doing this. And you may already being going into this with realistic expectations.

Bill, KQ4YA
----- Original Message -----
From: Andy McMullin
To: FT897@yahoogroups.com
Sent: Wednesday, September 30, 2009 12:32 PM
Subject: [FT897] Aerial Advice

Hi All,

I'm looking for some advice....

I have an FT-897 with the mains supply or batteries. I'm looking to use it at our school to try and get an amateur radio club going with the students. My problem is the choice of aerial!

For safety reasons the windows only open a fraction of an inch. Because it's not an established club (yet) I can't run long wires or install anything permanent on the buildings. I do have a large space in the "loft" above my class which I can get to (with a ladder). I'd like to be able to use anything I get for my own purposes, such as working portable or mobile.

Currently I am looking at the ATAS 120, probably with radial kit, to mount in the "loft" somehow - or maybe on a tripod. If I read things right, it has the advantage that, when matched to an 897, it'll tune itself and I won't have to touch it once I've mounted it somewhere. It also covers 2m and 70cm and won't need an ATU. In the UK that'll set me back about £240 + £90 for the radials. Without the radials I could use it mobile.

The altenative is the Buddipole. No radials, mounts easily on a tripod but it needs an ATU and manual adjustment (so I have to be able to get at the aerial easily). I'd also need to buy a separate antenna for 2m and 70cm; and sort something out for 80m. However, I'm told it will outperform the ATAS because there's "more metal in the sky" and it would be great for portable operation - but not mobile. Then again, in the UK a Buddipole is about £430 (or £240 for the mini if that's an alternative).

What do you think? Or is there an alternative I've missed? All advice greatfully received.

Regards
Andy, G8TQH
http://www.rickham.net/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27885. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 17:37:59 UTC
From: Kim Scheidel
Topic: 27881 Message: 27885

Andy,

I own the Ventenna Companies HFp. I bought the vertical kit first and
then the dipole kit to take and use when camping with my motor
home. Both work great. You can buy vertical or dipole
kits. Cheaper and more portable than other antennas.
The only problem is that you have to configure the antenna for
different bands. It is cheap enough that you could purchase two
dipole kits (say for 40 & 80 meters) and install them both in the
loft and use a coax switch at the radio. You can check out the
web site and e-mail the owner with questions. He is great to work with.

http://www.ventenna.com/

You can also check out the reviews on e-ham

http://www.eham.net/reviews/detail/2737

Kim KE6RKX

--- On Wed, 9/30/09, Andy McMullin <Andy.McMullin@...> wrote:

From: Andy McMullin <Andy.McMullin@...>
Subject: [FT897] Aerial Advice
To: FT897@yahoogroups.com
Date: Wednesday, September 30, 2009, 9:32 AM

Hi All,

I'm looking for some advice....

I have an FT-897 with the mains supply or batteries. I'm looking to

use it at our school to try and get an amateur radio club going with

the students. My problem is the choice of aerial!

For safety reasons the windows only open a fraction of an inch.

Because it's not an established club (yet) I can't run long wires or

install anything permanent on the buildings. I do have a large space

in the "loft" above my class which I can get to (with a ladder). I'd

like to be able to use anything I get for my own purposes, such as

working portable or mobile.

Currently I am looking at the ATAS 120, probably with radial kit, to

mount in the "loft" somehow - or maybe on a tripod. If I read things right, it has the advantage that, when matched to an 897, it'll tune itself and I won't have to touch it once I've mounted it somewhere. It also covers 2m and 70cm and won't need an ATU. In the UK that'll set me back about £240 + £90 for the radials. Without the radials I could use it mobile.

The altenative is the Buddipole. No radials, mounts easily on a tripod but it needs an ATU and manual adjustment (so I have to be able to get at the aerial easily). I'd also need to buy a separate antenna for 2m and 70cm; and sort something out for 80m. However, I'm told it will outperform the ATAS because there's "more metal in the sky" and it would be great for portable operation - but not mobile. Then again, in the UK a Buddipole is about £430 (or £240 for the mini if that's an alternative) .

What do you think? Or is there an alternative I've missed? All advice greatfully received.

Regards

Andy, G8TQH

http://www.rickham. net/

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[Non-text portions of this message have been removed]

27886. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 17:39:36 UTC
From: KenW
Topic: 27881 Message: 27886

I would try a "fan" dipole first. Very cheap to make and fun to tune. I used one for years. They were short so soldered wire to ends (let them hang down) and cut as needed. A vertical may pickup too much noise.

>Hi All,
>
>I'm looking for some advice....
>
>I have an FT-897 with the mains supply or batteries. I'm looking to
>use it at our school to try and get an amateur radio club going with
>the students. My problem is the choice of aerial!
>
>For safety reasons the windows only open a fraction of an inch.
>Because it's not an established club (yet) I can't run long wires or
>install anything permanent on the buildings. I do have a large space
>in the "loft" above my class which I can get to (with a ladder). I'd
>like to be able to use anything I get for my own purposes, such as
>working portable or mobile.
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>Currently I am looking at the ATAS 120, probably with radial kit, to
>mount in the "loft" somehow - or maybe on a tripod. If I read things
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>itself and I won't have to touch it once I've mounted it somewhere. It
>also covers 2m and 70cm and won't need an ATU. In the UK that'll set
>me back about £240 + £90 for the radials. Without the radials I could
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>
>The altenative is the Buddipole. No radials, mounts easily on a tripod
>but it needs an ATU and manual adjustment (so I have to be able to get
>at the aerial easily). I'd also need to buy a separate antenna for 2m
>and 70cm; and sort something out for 80m. However, I'm told it will
>outperform the ATAS because there's "more metal in the sky" and it
>would be great for portable operation - but not mobile. Then again, in
>the UK a Buddipole is about £430 (or £240 for the mini if that's an
>alternative).
>
>What do you think? Or is there an alternative I've missed? All advice
>greatfully received.
>
>
>Regards
>Andy, G8TQH
>http://www.rickham.net/
>
>

>
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>
>Yahoo! Groups Links
>
>
>

Ken...W2BDP\w0

27887. Re: Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 17:48:06 UTC
From: Finnigann
Topic: 27881 Message: 27887

--- In FT897@yahoogroups.com, Andy McMullin <Andy.McMullin@...> wrote:
>
> Hi All,
>
> I'm looking for some advice....
>
> I have an FT-897 with the mains supply or batteries. I'm looking to
> use it at our school to try and get an amateur radio club going with
> the students. My problem is the choice of aerial!
>
> For safety reasons the windows only open a fraction of an inch.
> Because it's not an established club (yet) I can't run long wires or
> install anything permanent on the buildings. I do have a large space
> in the "loft" above my class which I can get to (with a ladder). I'd
> like to be able to use anything I get for my own purposes, such as
> working portable or mobile.
>
> Currently I am looking at the ATAS 120, probably with radial kit, to
> mount in the "loft" somehow - or maybe on a tripod. If I read things
> right, it has the advantage that, when matched to an 897, it'll tune
> itself and I won't have to touch it once I've mounted it somewhere. It
> also covers 2m and 70cm and won't need an ATU. In the UK that'll set
> me back about £240 + £90 for the radials. Without the radials I could use it mobile.

Maybe not. I had similar notions for my house trailer. I talked to a couple of antenna companies and learned thatANY metalic roof (need not be the car top) will serve. So if your roof has (or you can incorporate) some metal, you might get a servacible antenna.
But even if you are toally successful, it's still a screw driver.

If you are going to have a club, try a hand made skyhook. ARRL had an article about a helically turned verticle. It looks promising to me. Something along those lines (providing you have some metal to work against) can get you on the air.

I'd also need to buy a separate antenna for 2m
> and 70cm; and sort something out for 80m. However, I'm told it will
> outperform the ATAS because there's "more metal in the sky" and it
> would be great for portable operation - but not mobile. Then again, in
> the UK a Buddipole is about £430 (or £240 for the mini if that's an
> alternative).

The ATAS120 will still need a diplexer for V\UHF operation.

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27888. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 17:56:51 UTC
From: Lew Phelps K6LMP
Topic: 27881 Message: 27888

Given that you can open the window a fraction of an inch, if you have trees or other suitable mounting points outside the windows I would consider making up a set of folded dipoles from 300 ohm TV antenna lead. These are cheap, easy to put up and take down, and you would need only enough open space under the window to pass through a coax connector. If things are really, really tight you could construct the antenna so that the pass-through would be 300 ohm twinlead, not coax.

Instructions for making these dipoles are in the ARRL Antenna Book, the first two pages of Chapter 15, "Portable Antennas." They have a chart giving precise cutting instructions and dimensions for all HF bands, using 300 ohm twinlead and either a stub or capacitor at a certain location on the down-lead portion of the twinlead, to match the antenna t0 50 ohms. Email me offline of you don't have access to this book and I will send you the relevant dimensions.

I've made a set of these antennas and they function well. Costs are minimal; you'd need about 400 feet of twinlead (if you make antennas for all bands includng 80 meters. You could start with 20, 15, and 10 meters with as little as 100 feet of twinlead, a handful of coax fittings, and a length of 50 ohm coax with appropriate fittings on both ends.

73

Lew K6LMP

27889. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 18:12:59 UTC
From: Finnigann
Topic: 27847 Message: 27889

--- In FT897@yahoogroups.com, "John Johnson" <g6vzm@...> wrote:
>
> The 'Y-ACC' cable makes it automatic. I believe LDG supply it as standard now but I didn't get one with mine a few years ago. I bought one recently for Â£10 (in the region of $10 or â¬10) or you can make it from scratch or modify a 3.5mm stereo lead - a bit of googling will find the circuit (tip at one end to ring at the other, but I don't remember which way round).
>
>
>
> JJ
>
> G6VZM / 9H4JJ
>
>

I did a test. My results are: Patch cord has 3.5mm ends, one red, one black

RED BLACK
1 <-----> 1
2 <-- 2
3 \--> 3

Red 3(tip) and Black 2 (middle ring) doesn't go anywhere

The cord itself is about 10 inches long (25cm)

This came with the LDG Z-11Pro auto tester. I'm guessing they all will work pretty much the same as they have to mate up with the radio.

HTH

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27890. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 18:16:00 UTC
From: Trixter aka Bret McDanel
Topic: 27881 Message: 27890

On Wed, 2009-09-30 at 10:56 -0700, Lew Phelps K6LMP wrote:
>
> Given that you can open the window a fraction of an inch,

You dont even have to do that, although I really dont know how well the Comet CTC-50M works not having one, it may be that you can stick this in the window and close it.

reference url:
https://www.hamcity.com/store/pc/viewPrd.asp?idcategory=390&idproduct=1787

Basically its like twinlead (thinner than normal stuff, like what those indoor FM radio dipoles are made from) with 239 connectors on the ends. I plan on making one out of similar TV hookup wire obtained for $1 from frys as soon as my antenna analyzer is returned in working order. I wanted to check it out to see if anything special had to be done for matching and all that and not just slap one together and hope it works fine. It *looks* like its just wire and connectors, the connectors look too small to have a toroid or something else inside, but stranger things have happened.

Could be a nice project for someone who has working tools :)

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27891. Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 18:16:36 UTC
From: Finnigann
Topic: 27847 Message: 27891

--- In FT897@yahoogroups.com, "Finnigann" <finnigann2580@...> wrote:
>
> --- In FT897@yahoogroups.com, "John Johnson" <g6vzm@> wrote:
> >
> > The 'Y-ACC' cable makes it automatic. I believe LDG supply it as standard now but I didn't get one with mine a few years ago. I bought one recently for Â£10 (in the region of $10 or â□¬10) or you can make it from scratch or modify a 3.5mm stereo lead - a bit of googling will find the circuit (tip at one end to ring at the other, but I don't remember which way round).
> >
> >
> >
> > JJ
> >
> > G6VZM / 9H4JJ
> >
> >
>
> I did a test. My results are: Patch cord has 3.5mm ends, one red, one black
>
> RED BLACK
> 1 <-----> 1
> 2 <--.... 2
> 3 ...\--> 3
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> Red 3(tip) and Black 2 (middle ring) doesn't go anywhere
>
> The cord itself is about 10 inches long (25cm)
>
> This came with the LDG Z-11Pro auto tester. I'm guessing they all will work pretty much the same as they have to mate up with the radio.
>
> HTH
>
>
> 73'S
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>

27892. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 18:37:17 UTC
From: Michael Walker
Topic: 27881 Message: 27892

Would this discussion be better targeted for the Tower (antenna) reflector?

Mike

Trixter aka Bret McDanel wrote:
>
>
> On Wed, 2009-09-30 at 10:56 -0700, Lew Phelps K6LMP wrote:
> >
> > Given that you can open the window a fraction of an inch,
>
> You dont even have to do that, although I really dont know how well the
> Comet CTC-50M works not having one, it may be that you can stick this in
> the window and close it.
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> reference url:
> https://www.hamcity.com/store/pc/viewPrd.asp?idcategory=390&idproduct=1787
> <https://www.hamcity.com/store/pc/viewPrd.asp?idcategory=390&idproduct=1787>
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> Basically its like twinlead (thinner than normal stuff, like what those
> indoor FM radio dipoles are made from) with 239 connectors on the ends.
> I plan on making one out of similar TV hookup wire obtained for $1 from
> frys as soon as my antenna analyzer is returned in working order. I
> wanted to check it out to see if anything special had to be done for
> matching and all that and not just slap one together and hope it works
> fine. It *looks* like its just wire and connectors, the connectors
> look too small to have a toroid or something else inside, but stranger
> things have happened.
>
> Could be a nice project for someone who has working tools :)
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com <http://www.0xdecafbad.com> Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
> <http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
>
>

[Non-text portions of this message have been removed]

27893. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 18:53:25 UTC
From: Lew Phelps K6LMP
Topic: 27881 Message: 27893

So long as we're discussing portable antenna alternatives, I think it's useful here.

lew k6lmp

On Sep 30, 2009, at 11:37 AM, Michael Walker wrote:

> Would this discussion be better targeted for the Tower (antenna)
> reflector?
>
>

[Non-text portions of this message have been removed]

27894. RE: [FT897] Re: AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 19:06:24 UTC
From: Matt Patterson
Topic: 27847 Message: 27894

Pinout for the Y-ACC Cable .

Radio Tuner

Shield ------à Shield

Ring---------à Tip

In case the formatting of the diagram didn□t come out right. On the Radio side the shield is tied to the shield on the Tuner Side. Ring on the radio side is tied to tip on the Tuner side. Tip on the radio side and ring on the tuner side are not used. If you make one and you don□t have different color stereo plugs be sure and mark it to show which ends go where.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Wednesday, September 30, 2009 1:17 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: AT-897 auto tuner

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Finnigann" <finnigann2580@...> wrote:
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "John Johnson" <g6vzm@> wrote:
> >
> > The 'Y-ACC' cable makes it automatic. I believe LDG supply it as standard now but I didn't get one with mine a few years ago. I bought one recently for Â£10 (in the region of $10 or â□¬10) or you can make it from scratch or modify a 3.5mm stereo lead - a bit of googling will find the circuit (tip at one end to ring at the other, but I don't remember which way round).
> >
> >
> >
> > JJ
> >
> > G6VZM / 9H4JJ
> >
> >
>
> I did a test. My results are: Patch cord has 3.5mm ends, one red, one

black
>
> RED BLACK
> 1 <-----> 1
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>
> Red 3(tip) and Black 2 (middle ring) doesn't go anywhere
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> The cord itself is about 10 inches long (25cm)
>
> This came with the LDG Z-11Pro auto tester. I'm guessing they all will
work pretty much the same as they have to mate up with the radio.
>
> HTH
>
>
> 73'S
> DE KC8UGV
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.115/2405 - Release Date: 09/30/09
10:35:00

[Non-text portions of this message have been removed]

27895. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 19:31:27 UTC
From: Bill Husted
Topic: 27881 Message: 27895

Seems so to me too for what it's worth - after all many of us own the 897d because it is portable. So ideas about portable antennas are of interest to a lot of us. Besides, I hope we don't get back into the 'off topic' police stuff again. That got very old. More time was spent discussing whether something was or wasn't on topic than was amusing. That's what mods are for and as long as everyone cheerfully complies when a mod decides enough is enough, seems like a good way to go.

Bill KQ4YA

----- Original Message -----
From: Lew Phelps K6LMP
To: FT897@yahoogroups.com
Sent: Wednesday, September 30, 2009 2:53 PM
Subject: Re: [FT897] Aerial Advice

So long as we're discussing portable antenna alternatives, I think
it's useful here.

lew k6lmp

On Sep 30, 2009, at 11:37 AM, Michael Walker wrote:

> Would this discussion be better targeted for the Tower (antenna)
> reflector?
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27896. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 19:38:00 UTC
From: Kim Scheidel
Topic: 27881 Message: 27896

Mike,

Andy said in his post he would like to be able to use the antenna for
personal use also. Either portable or mobile.

Kim KE6RKX

--- On Wed, 9/30/09, Michael Walker <va3mw@...> wrote:

From: Michael Walker <va3mw@...>
Subject: Re: [FT897] Aerial Advice
To: FT897@yahoogroups.com
Date: Wednesday, September 30, 2009, 11:37 AM

Would this discussion be better targeted for the Tower (antenna) reflector?

Mike

Trixter aka Bret McDanel wrote:

>

>

> On Wed, 2009-09-30 at 10:56 -0700, Lew Phelps K6LMP wrote:

> >

> > Given that you can open the window a fraction of an inch,

>

> You dont even have to do that, although I really dont know how well the

> Comet CTC-50M works not having one, it may be that you can stick this in

> the window and close it.

>

> reference url:

> https://www. hamcity.com/ store/pc/ viewPrd.asp? idcategory= 390&idproduct= 1787

> <https://www. hamcity.com/ store/pc/ viewPrd.asp? idcategory= 390&idproduct= 1787>

>

> Basically its like twinlead (thinner than normal stuff, like what those

> indoor FM radio dipoles are made from) with 239 connectors on the ends.

> I plan on making one out of similar TV hookup wire obtained for $1 from

> frys as soon as my antenna analyzer is returned in working order. I

> wanted to check it out to see if anything special had to be done for

> matching and all that and not just slap one together and hope it works

> fine. It *looks* like its just wire and connectors, the connectors

> look too small to have a toroid or something else inside, but stranger

> things have happened.

>

> Could be a nice project for someone who has working tools :)

>

> kc2dwq

> >

> --

> Trixter http://www.0xdecafb ad.com <http://www.0xdecafb ad.com> Bret McDanel

> pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

> <http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721>

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>

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[Non-text portions of this message have been removed]

27897. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-10-01 07:39:01 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 27897

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

27898. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-10-01 09:16:44 UTC
From: DavidN
Topic: 27881 Message: 27898

I too am following this thread with interest, as I wish to eventually do something similar portable with my 897. Reading all the different ops. thoughts is interesting and to me totally on-topic for the 897.

To me, the best idea so far is to get some 300ohm twinlead out of the window to various dipoles in parrallel. And for VHF/UHF a dual band colinear with a counterpoise attached to the window. This could work locals/repeaters and so demonstrate these bands even just in a local sense.

David G4TUP.

On Wed, Sep 30, 2009 at 8:38 PM, Kim Scheidel <ke6rkx@...> wrote:

>
>
> Mike,
>
> Andy said in his post he would like to be able to use the antenna for
> personal use also. Either portable or mobile.
>
> Kim KE6RKX
>
> --- On Wed, 9/30/09, Michael Walker <va3mw@...<va3mw%40portcredit.net>>
> wrote:
>
> From: Michael Walker <va3mw@... <va3mw%40portcredit.net>>
>
> Subject: Re: [FT897] Aerial Advice
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Date: Wednesday, September 30, 2009, 11:37 AM
>
>
>
> Would this discussion be better targeted for the Tower (antenna) reflector?
>
> Mike
>
> Trixter aka Bret McDanel wrote:
>
> >
>
> >
>
> > On Wed, 2009-09-30 at 10:56 -0700, Lew Phelps K6LMP wrote:
>
> > >

>
> > > Given that you can open the window a fraction of an inch,
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> >
>
> > You dont even have to do that, although I really dont know how well the
>
> > Comet CTC-50M works not having one, it may be that you can stick this in
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> > Basically its like twinlead (thinner than normal stuff, like what those
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> > indoor FM radio dipoles are made from) with 239 connectors on the ends.
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> > I plan on making one out of similar TV hookup wire obtained for $1 from
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> > wanted to check it out to see if anything special had to be done for
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> > look too small to have a toroid or something else inside, but stranger
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> >
>
> > Could be a nice project for someone who has working tools :)
>
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> > kc2dwq
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> > Trixter http://www.0xdecafb ad.com <http://www.0xdecafb ad.com> Bret
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> > pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search=
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> > <http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721>
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27899. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-10-02 13:10:55 UTC
From: Michael Walker
Topic: 27881 Message: 27899

I would agree if it is something directly related to the 897, but you might find better experience from key subject matter experts (and there are many) if you target the correct group.

I would not post a question here for my 897, turbo tuner and my HiQ mobile antenna if the antenna would not tune correctly. That is not something fixed in the 897, but more in the area of my mobile installation.

Many of us subscribe to many lists just so that we have access to those that have the best experience for the topic.

However I will defer to the List Moderator.

Mike

Lew Phelps K6LMP wrote:
>
>
> So long as we're discussing portable antenna alternatives, I think
> it's useful here.
>
> lew k6lmp
>
> On Sep 30, 2009, at 11:37 AM, Michael Walker wrote:
>
> > Would this discussion be better targeted for the Tower (antenna)
> > reflector?
> >
> >
>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

27900. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-10-02 14:34:37 UTC
From: DavidN
Topic: 27881 Message: 27900

How do you know that 'Many of us subscribe to many lists'? Have you done a poll of all subscibers to this group?

I am absolutely certain that as users of the portable 897 that there is an absolute wealth of knowledge and experience within the subscribers to this group with regard to aerials and anything else that gets connected to the 897, as demonstrated many times recently, and so far, by just reading this group I've learnt a lot - thanks guys!

I'd be now interested to hear from Andy, the original poster, on his thoughts about the future of aerial/s at school for his 897.

David G4TUP/9H3CU.

On Fri, Oct 2, 2009 at 2:10 PM, Michael Walker <va3mw@...> wrote:

>
>
> I would agree if it is something directly related to the 897, but you
> might find better experience from key subject matter experts (and there
> are many) if you target the correct group.
>
> I would not post a question here for my 897, turbo tuner and my HiQ
> mobile antenna if the antenna would not tune correctly. That is not
> something fixed in the 897, but more in the area of my mobile installation.
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> Many of us subscribe to many lists just so that we have access to those
> that have the best experience for the topic.
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> However I will defer to the List Moderator.
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> Mike
>
>
> Lew Phelps K6LMP wrote:
> >
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> > So long as we're discussing portable antenna alternatives, I think
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> > lew k6lmp
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> > On Sep 30, 2009, at 11:37 AM, Michael Walker wrote:
> >
> > > Would this discussion be better targeted for the Tower (antenna)
> > > reflector?

> > >
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

27901. Radio Locking Up

Yahoo group: FT897 (2009)
Date: 2009-10-03 16:08:23 UTC
From: KD8CCX - Adam Filkins
Topic: 27881 Message: 27901

Hello All,
Hopefully someone can help me with this issue, as I have not been able to find anything like it.

My 897 is locking on transmit whenever I use it on a repeater with a PL Tone. It works fine on a repeater with no PL or on Simplex.

I have completed the following to try and resolve the issue:
1. Checked all settings
2. complete factory reset
3. low power xmit
4. switching antennas

I am at a loss. My guess is that this could be a micro processor issue - but I am hoping that is not the issue.

Any help is appreciated. Please let me know if you have any suggestions.

Thanks and 73's

Adam Filkins
KD8CCX
146.860Mhz Repeater - No PL

Learn more about the Thumb Amateur Radio Club at:
Http://www.w8ax.com

[Non-text portions of this message have been removed]

27902. Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-03 22:59:09 UTC
From: Larry D. Barr, K5WLF
Topic: 27902 Message: 27902

I'm contemplating getting a pair of FNB-78s for my FT-897D. One thing that's not mentioned in the OpMan for the radio is whether or not you can leave the batteries installed and connected while operating on external 13.8 VDC power.

Perusing the schematic indicates that RL3001 (and its associated components) is the power source selector and automatically selects the external source and disconnects the batteries when the radio is connected to external power.

It'd be mighty inconvenient to not have that feature and I think I've got it figured right, but I'd just like verification before laying out the money. Leaving the batteries permanently installed and connected is SOP, right?

Thanks.

73,
ldb
K5WLF

27903. MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-03 23:14:50 UTC
From: Hank
Topic: 27903 Message: 27903

I have the FT-897D and just purchased the MD-100a8x. I was wondering if anyone had any suggestions on the settings on the mic as well as menu settings on the radio. I know that every set-up is unique due to the individual qualities of peoples voices, but I am hoping for recommendations for settings to start with. For instance, on the radio, should I use EQ or mic processing? Also, what should I start with on mic gain for SSB and for FM? Right now with the stock mic I am running my mic gain at 85% for both SSB and FM.

Any suggestions are greatly appreciated.

Thanks,

Hank/KB4MTO

27904. Re: [FT897] Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-03 23:16:43 UTC
From: Trixter aka Bret McDanel
Topic: 27902 Message: 27904

On Sat, 2009-10-03 at 17:59 -0500, Larry D. Barr, K5WLF wrote:
>
> I'm contemplating getting a pair of FNB-78s for my FT-897D. One thing
> that's not mentioned in the OpMan for the radio is whether or not you
> can leave the batteries installed and connected while operating on
> external 13.8 VDC power.

yes you can, however if you cut that power the radio will turn off, this
is the same as the CAT power off from what I can tell. If you turn it
on before you turn your 13.8v power supply on it will run on batteries,
turning the power supply on will then cause it to flip to the 13.8vdc
automagically.

I have used both a computer power supply @ 12v and a astron rs-35a to
power my radio with the internal batters. I have also used the w4rt
charger while running it on 13.8vdc.
>

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27905. Re: [FT897] Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-03 23:36:40 UTC
From: Dean Nash
Topic: 27902 Message: 27905

I leave my batteries in and connected all the time. Move the radio from portable, mobile (in the truck) and in the shack as needed. The only issue is when I disconnect the external power source in the shack or truck, the radio shuts down. As long as you are aware that this happens, it's not a problem. The fist time I did it, I was in the middle of an ARES exercise and didn't pay attention. The radio was off for about a minute before I realized it.

As an aside, there's no need to spend the extra money on the battery packs from Yaesu. Go to gigaparts.com and get W4RT's version of the batteries. They are just as good and much cheaper.. The OFC charger is also cheaper than Yaesu and charges the batteries much faster.

73 de N4SHD

From: "Larry D. Barr, K5WLF" <k5wlf@...>
To: FT-897 Group <FT897@yahoogroups.com>
Sent: Sat, October 3, 2009 6:59:09 PM
Subject: [FT897] Battery Operation...Verification Please

I'm contemplating getting a pair of FNB-78s for my FT-897D. One thing that's not mentioned in the OpMan for the radio is whether or not you can leave the batteries installed and connected while operating on external 13.8 VDC power..

Perusing the schematic indicates that RL3001 (and its associated components) is the power source selector and automatically selects the external source and disconnects the batteries when the radio is connected to external power.

It'd be mighty inconvenient to not have that feature and I think I've got it figured right, but I'd just like verification before laying out the money. Leaving the batteries permanently installed and connected is SOP, right?

Thanks.

73,
ldb
K5WLF

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http://mail.yahoo.com

[Non-text portions of this message have been removed]

27906. Re: [FT897] Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-04 00:04:33 UTC
From: Larry D. Barr, K5WLF
Topic: 27902 Message: 27906

Thanks, Bret. I guess that explains what the FET is doing in the circuit.

One question about the W4RT charger. The specs on their website state that it needs 26-28 VDC input. That would seem to restrict it to using only the wall wart transformer and preclude recharging from a vehicle or from PV panels. Is that correct? The Yaesu CD-24 accepts 13.8 VDC which adds a lot of flexibility in charge sources.

Thanks again.

73,
ldb
K5WLF

Trixter aka Bret McDanel wrote:
> On Sat, 2009-10-03 at 17:59 -0500, Larry D. Barr, K5WLF wrote:
>>
>> I'm contemplating getting a pair of FNB-78s for my FT-897D. One thing
>> that's not mentioned in the OpMan for the radio is whether or not you
>> can leave the batteries installed and connected while operating on
>> external 13.8 VDC power.
>
> yes you can, however if you cut that power the radio will turn off, this
> is the same as the CAT power off from what I can tell. If you turn it
> on before you turn your 13.8v power supply on it will run on batteries,
> turning the power supply on will then cause it to flip to the 13.8vdc
> automagically.
>
>
> I have used both a computer power supply @ 12v and a astron rs-35a to
> power my radio with the internal batters. I have also used the w4rt
> charger while running it on 13.8vdc.
>
> kc2dwq

27907. HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 01:17:41 UTC
From: gefi_can
Topic: 27907 Message: 27907

Hi Guys... I am newbie... and sorry about my english...

My question is: Can I use a good PC sound card as an input
for MIC and ext. speakers when my FT-897D is ON? I have
CAT cable hocked up and I would prefer to use PC MIC with HRD.
I am partially disabled person...

Keep well.... Goren.

27908. RE: [FT897] HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 01:29:58 UTC
From: N5ZTW
Topic: 27907 Message: 27908

Hi Goren,

The files section of this group has some hints and schematics for soundcard interfacing.

Bill N5ZTW

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of gefi_can
Sent: Saturday, October 03, 2009 8:18 PM
To: FT897@yahoogroups.com
Subject: [FT897] HRD PC - Sound Card

Hi Guys... I am newbie... and sorry about my english...

My question is: Can I use a good PC sound card as an input
for MIC and ext. speakers when my FT-897D is ON? I have
CAT cable hocked up and I would prefer to use PC MIC with HRD.
I am partially disabled person...

Keep well.... Goren.

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.14.3/2411 - Release Date: 10/03/09 18:34:00

[Non-text portions of this message have been removed]

27909. Re: [FT897] HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 01:38:55 UTC
From: George F
Topic: 27907 Message: 27909

I know... but I thought Sound Card in my PC when PC is connected
to FT-897D with CAT cable and running HRD... do I still need
an interface card ?
G.

From: N5ZTW <n5ztw@...>
To: FT897@yahoogroups.com
Sent: Saturday, October 3, 2009 6:29:58 PM
Subject: RE: [FT897] HRD PC - Sound Card

Hi Goren,

The files section of this group has some hints and schematics for soundcard
interfacing.

Bill N5ZTW

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
gefi_can
Sent: Saturday, October 03, 2009 8:18 PM
To: FT897@yahoogroups. com
Subject: [FT897] HRD PC - Sound Card

Hi Guys... I am newbie... and sorry about my english...

My question is: Can I use a good PC sound card as an input
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CAT cable hocked up and I would prefer to use PC MIC with HRD.
I am partially disabled person...

Keep well.... Goren.

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Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.14.3/2411 - Release Date: 10/03/09
18:34:00

[Non-text portions of this message have been removed]

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free at http://mail.yahoo.ca

[Non-text portions of this message have been removed]

27910. RE: [FT897] HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 02:13:50 UTC
From: N5ZTW
Topic: 27907 Message: 27910

CAT will only read the radio status and PTT control.

You will need to interface the sound card to the radio via the 6 pin "Data" jack.

This is to get the audio in and out.

Bill N5ZTW

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of George F
Sent: Saturday, October 03, 2009 8:39 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] HRD PC - Sound Card

I know... but I thought Sound Card in my PC when PC is connected to FT-897D with CAT cable and running HRD... do I still need an interface card ?
G.

From: N5ZTW <n5ztw@texasdata. <mailto:n5ztw%40texasdata.net> net>
To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
Sent: Saturday, October 3, 2009 6:29:58 PM
Subject: RE: [FT897] HRD PC - Sound Card

Hi Goren,

The files section of this group has some hints and schematics for soundcard interfacing.

Bill N5ZTW

From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of gefi_can
Sent: Saturday, October 03, 2009 8:18 PM
To: FT897@yahoogroups. com
Subject: [FT897] HRD PC - Sound Card

Hi Guys... I am newbie... and sorry about my english...

My question is: Can I use a good PC sound card as an input for MIC and ext. speakers when my FT-897D is ON? I have CAT cable hocked up and I would prefer to use PC MIC with HRD.

I am partially disabled person...

Keep well.... Goren.

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.14.3/2411 - Release Date: 10/03/09
18:34:00

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New Mail today or register for free at http://mail. <http://mail.yahoo.ca>
yahoo.ca

[Non-text portions of this message have been removed]

No virus found in this incoming message.
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Version: 8.5.409 / Virus Database: 270.14.3/2411 - Release Date: 10/03/09
18:34:00

[Non-text portions of this message have been removed]

27911. Re: HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 02:18:11 UTC
From: stykemup
Topic: 27907 Message: 27911

Hi Goren, If you are trying to transmit you will need an interface like the Signalink or home brew interface to allow you to operate the rig you are going to use. The cable you have will allow HRD to run and show your rig on the PC, but you have to add the sound card to transmit. Your PC sound card will work if you interface it with the proper cable(s). The other post is correct by steering you to the file links as they will help you through the proceedure.
BTW, where is your call sign?

Bill, k3waw

--- In FT897@yahoogroups.com, George F <gefi_can@...> wrote:
>
> I know... but I thought Sound Card in my PC when PC is connected
> to FT-897D with CAT cable and running HRD... do I still need
> an interface card ?
> G.
>
>
>
>
> _____
> From: N5ZTW <n5ztw@...>
> To: FT897@yahoogroups.com
> Sent: Saturday, October 3, 2009 6:29:58 PM
> Subject: RE: [FT897] HRD PC - Sound Card
>
>
> Hi Goren,
>
> The files section of this group has some hints and schematics for soundcard
> interfacing.
>
> Bill N5ZTW
>
> _____
>
> From: FT897@yahoogroups. com [mailto:FT897@yahoogroups. com] On Behalf Of
> gefi_can
> Sent: Saturday, October 03, 2009 8:18 PM
> To: FT897@yahoogroups. com
> Subject: [FT897] HRD PC - Sound Card
>
> Hi Guys... I am newbie... and sorry about my english...
>
> My question is: Can I use a good PC sound card as an input

> for MIC and ext. speakers when my FT-897D is ON? I have
> CAT cable hocked up and I would prefer to use PC MIC with HRD.
> I am partially disabled person...
>
> Keep well.... Goren.
>
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> 18:34:00
>
> [Non-text portions of this message have been removed]
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> _____
> Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for free at http://mail.yahoo.ca
>
> [Non-text portions of this message have been removed]
>

27912. Re: [FT897] Re: HRD PC - Sound Card

Yahoo group: FT897 (2009)
Date: 2009-10-04 02:37:04 UTC
From: George F
Topic: 27907 Message: 27912

Ok... Guys...
I am on clear... I am going to build one...
thank you for your fast lesson...

OM3TLP P.Goren L.

From: stykemup <stykemup@...>
To: FT897@yahoogroups.com
Sent: Saturday, October 3, 2009 7:18:11 PM
Subject: [FT897] Re: HRD PC - Sound Card

Hi Goren, If you are trying to transmit you will need an interface like the Signalink or home brew interface to allow you to operate the rig you are going to use. The cable you have will allow HRD to run and show your rig on the PC, but you have to add the sound card to transmit. Your PC sound card will work if you interface it with the proper cable(s). The other post is correct by steering you to the file links as they will help you through the proceedure.
BTW, where is your call sign?

Bill, k3waw

--- In FT897@yahoogroups. com, George F <gefi_can@.. .> wrote:
>
> I know... but I thought Sound Card in my PC when PC is connected
> to FT-897D with CAT cable and running HRD... do I still need
> an interface card ?
> G.
>
>
>
>
> ---------- --------- --------- --
> From: N5ZTW <n5ztw@...>
> To: FT897@yahoogroups. com
> Sent: Saturday, October 3, 2009 6:29:58 PM
> Subject: RE: [FT897] HRD PC - Sound Card
>
>
> Hi Goren,
>
> The files section of this group has some hints and schematics for soundcard
> interfacing.
>
> Bill N5ZTW
>

> _____
>
> From: FT897@yahoogroups. com [mailto:FT897@ yahoogroups. com] On Behalf Of
> gefi_can
> Sent: Saturday, October 03, 2009 8:18 PM
> To: FT897@yahoogroups. com
> Subject: [FT897] HRD PC - Sound Card
>
> Hi Guys... I am newbie... and sorry about my english...
>
> My question is: Can I use a good PC sound card as an input
> for MIC and ext. speakers when my FT-897D is ON? I have
> CAT cable hocked up and I would prefer to use PC MIC with HRD.
> I am partially disabled person...
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All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for
free at http://mail. yahoo.ca
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> [Non-text portions of this message have been removed]
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http://mail.yahoo.com

[Non-text portions of this message have been removed]

27913. Re: [FT897] Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-04 02:40:09 UTC
From: Trixter aka Bret McDanel
Topic: 27902 Message: 27913

On Sat, 2009-10-03 at 19:04 -0500, Larry D. Barr, K5WLF wrote:
>
> Thanks, Bret. I guess that explains what the FET is doing in the
> circuit.
>
> One question about the W4RT charger. The specs on their website state
> that it needs 26-28 VDC input. That would seem to restrict it to
> using
> only the wall wart transformer and preclude recharging from a vehicle
> or
> from PV panels. Is that correct? The Yaesu CD-24 accepts 13.8 VDC
> which
> adds a lot of flexibility in charge sources.
I am guessing they want you to use 2 13.8v panels to make the 26-28v for
solar. I would agree that its easier to get about 13.8 (+/-10%) than
26-28 unless you have a dual voltage system, and the regulator actually
does 27.6vdc or so.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27914. Re: [FT897] Battery Operation...Verification Please

Yahoo group: FT897 (2009)
Date: 2009-10-04 03:10:40 UTC
From: Larry D. Barr, K5WLF
Topic: 27902 Message: 27914

Well, that makes the decision for the Yaesu CD-24 charger. Although the W4RT batteries are a much better deal, so I'll probably go with them when they're back in stock. I have 2 X 64 watt PV panels mounted on my pickup to charge 200 Ah of 12 volt AGMs to run the radios and such. OCV on the panels is about 17.6, but they're paralleled for amperage and the charge controller is set for the AGMs. Therefore, I want to be able to charge the 897D batteries off the existing PV system.

Thanks.

73,
ldb
K5WLF

Trixter aka Bret McDanel wrote:

> I am guessing they want you to use 2 13.8v panels to make the 26-28v for
> solar. I would agree that its easier to get about 13.8 (+/-10%) than
> 26-28 unless you have a dual voltage system, and the regulator actually
> does 27.6vdc or so.
>
>

27915. Re: [FT897] MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-04 07:54:56 UTC
From: Florentin Nastase
Topic: 27903 Message: 27915

Hi Hank,
I used #048 (DSP MIC EQ) on HPF, #074 (PROC LEVEL) on 30, and #81 (SSB MIC GAIN) about 35.
Also mic processing,....all depends by your voice. (mine is vy low)
73's
Florentin YO9BXC.

--- On Sat, 10/3/09, Hank <hank@...> wrote:

From: Hank <hank@...>
Subject: [FT897] MD-100a8x settings
To: FT897@yahoogroups.com
Date: Saturday, October 3, 2009, 4:14 PM

I have the FT-897D and just purchased the MD-100a8x. I was wondering if anyone had any suggestions on the settings on the mic as well as menu settings on the radio. I know that every set-up is unique due to the individual qualities of peoples voices, but I am hoping for recommendations for settings to start with. For instance, on the radio, should I use EQ or mic processing? Also, what should I start with on mic gain for SSB and for FM? Right now with the stock mic I am running my mic gain at 85% for both SSB and FM.

Any suggestions are greatly appreciated.

Thanks,

Hank/KB4MTO

[Non-text portions of this message have been removed]

27916. Re: MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-04 12:38:39 UTC
From: Hank
Topic: 27903 Message: 27916

Hi Florentin,

Thanks for the reply. You confirmed what I thought with the mic gain. Someone said it needs to be set at 85, but that seemed pretty hot for this mic. I set it using the ALC meter, and the meter started moving at 25.

Are you using the EQ in the mic, or do you have it set on THRU?

Thanks again for your reply.

73's

Hank / KB4MTO

--- In FT897@yahoogroups.com, Florentin Nastase <yo9bxc@...> wrote:
>
> Hi Hank,
> I used #048 (DSP MIC EQ) on HPF, #074 (PROC LEVEL) on 30, and #81 (SSB MIC GAIN) about 35.
> Also mic processing,....all depends by your voice. (mine is vy low)
> 73's
> Florentin YO9BXC.
>
> --- On Sat, 10/3/09, Hank <hank@...> wrote:
>
>
> From: Hank <hank@...>
> Subject: [FT897] MD-100a8x settings
> To: FT897@yahoogroups.com
> Date: Saturday, October 3, 2009, 4:14 PM
>
>
>
>
>
>
>
> I have the FT-897D and just purchased the MD-100a8x. I was wondering if anyone had any suggestions on the settings on the mic as well as menu settings on the radio. I know that every set-up is unique due to the individual qualities of peoples voices, but I am hoping for recommendations for settings to start with. For instance, on the radio, should I use EQ or mic processing? Also, what should I start with on mic gain for SSB and for FM? Right now with the stock mic I am running my mic gain at 85% for both SSB and FM.
>
> Any suggestions are greatly appreciated.
>
> Thanks,

>
> Hank/KB4MTO
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27917. Re: [FT897] Re: MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-04 15:42:31 UTC
From: Florentin Nastase
Topic: 27903 Message: 27917

Yes I do!
MAIN is set to FILT and HIGH EMPHASIS ON, but this is for my voice, many friends of mine tell me theat is OK for DX.
73's,
Florentin YO9BXC.
--- On Sun, 10/4/09, Hank <hank@...> wrote:

From: Hank <hank@...>
Subject: [FT897] Re: MD-100a8x settings
To: FT897@yahoogroups.com
Date: Sunday, October 4, 2009, 5:38 AM

Hi Florentin,

Thanks for the reply. You confirmed what I thought with the mic gain. Someone said it needs to be set at 85, but that seemed pretty hot for this mic. I set it using the ALC meter, and the meter started moving at 25.

Are you using the EQ in the mic, or do you have it set on THRU?

Thanks again for your reply.

73's

Hank / KB4MTO

--- In FT897@yahoogroups. com, Florentin Nastase <yo9bxc@...> wrote:
>
> Hi Hank,
> I used #048 (DSP MIC EQ) on HPF, #074 (PROC LEVEL) on 30, and #81 (SSB MIC GAIN) about 35.
> Also mic processing,. ...all depends by your voice. (mine is vy low)
> 73's
> Florentin YO9BXC.
>
> --- On Sat, 10/3/09, Hank <hank@...> wrote:
>
>
> From: Hank <hank@...>
> Subject: [FT897] MD-100a8x settings
> To: FT897@yahoogroups. com
> Date: Saturday, October 3, 2009, 4:14 PM
>
>
>
>
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>

>
> I have the FT-897D and just purchased the MD-100a8x. I was wondering if anyone had any suggestions on the settings on the mic as well as menu settings on the radio. I know that every set-up is unique due to the individual qualities of peoples voices, but I am hoping for recommendations for settings to start with. For instance, on the radio, should I use EQ or mic processing? Also, what should I start with on mic gain for SSB and for FM? Right now with the stock mic I am running my mic gain at 85% for both SSB and FM.
>
> Any suggestions are greatly appreciated.
>
> Thanks,
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> Hank/KB4MTO
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27918. Re: HELP!!!! AT897 autotuner (Plus)

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:40:08 UTC
From: eaglef15
Topic: 27876 Message: 27918

As per the insturctions menu item is 9600bps and menu item is CAT.

--- In FT897@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello,
>
> What do you have your menu settings for the tuner set to?
>
> Dwayne Kincaid
> LDG
>
>
> > Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.
> >
> > Thanks
> >
>

27919. Re: [FT897] Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-09-30 17:39:44 UTC
From: eddiehays@aol.com
Topic: 27881 Message: 27919

You might also consider a magnetic loop. Go to www.wellbrook.uk.com - you will find a lot of info on it there

-----Original Message-----
From: Andy McMullin <Andy.McMullin@...>
To: FT897@yahoogroups.com
Sent: Wed, Sep 30, 2009 12:32 pm
Subject: [FT897] Aerial Advice

Hi All,

I'm looking for some advice....

I have an FT-897 with the mains supply or batteries. I'm looking to use it at our school to try and get an amateur radio club going with the students. My problem is the choice of aerial!

For safety reasons the windows only open a fraction of an inch. Because it's not an established club (yet) I can't run long wires or install anything permanent on the buildings. I do have a large space in the "loft" above my class which I can get to (with a ladder). I'd like to be able to use anything I get for my own purposes, such as working portable or mobile.

Currently I am looking at the ATAS 120, probably with radial kit, to mount in the "loft" somehow - or maybe on a tripod. If I read things right, it has the advantage that, when matched to an 897, it'll tune itself and I won't have to touch it once I've mounted it somewhere. It also covers 2m and 70cm and won't need an ATU. In the UK that'll set me back about £240 + £90 for the radials. Without the radials I could use it mobile.

The altenative is the Buddipole. No radials, mounts easily on a tripod

but it needs an ATU and manual adjustment (so I have to be able to get at the aerial easily). I'd also need to buy a separate antenna for 2m and 70cm; and sort something out for 80m. However, I'm told it will outperform the ATAS because there's "more metal in the sky" and it would be great for portable operation - but not mobile. Then again, in the UK a Buddipole is about £430 (or £240 for the mini if that's an alternative).

What do you think? Or is there an alternative I've missed? All advice greatfully received.

Regards
Andy, G8TQH

http://www.rickham.net/

[Non-text portions of this message have been removed]

27920. Re: HELP!!!! AT897 autotuner (Plus)

Yahoo group: FT897 (2009)
Date: 2009-09-30 16:55:54 UTC
From: eaglef15
Topic: 27876 Message: 27920

No sure if my other message made it, so I will try this again. Menu item 19 is 9600pbs and menu item 20 is CAT.

--- In FT897@yahoogroups.com, "Dwayne" <ldgyahoo@...> wrote:
>
> Hello,
>
> What do you have your menu settings for the tuner set to?
>
> Dwayne Kincaid
> LDG
>
>
> > Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.
> >
> > Thanks
> >
>

27921. FS: FT-897D + CD-24 + PA-26B + (2) FNB-78 + LDG Meter

Yahoo group: FT897 (2009)
Date: 2009-10-02 19:40:42 UTC
From: w2wp_dx
Topic: 27921 Message: 27921

I purchased this FT-897D ($800+) last year and used it 2 times. Package also includes 2 internal batteries that were NOT purchased new. These are about $125 each new. They still hold a charge. Also is the Charger/Adapter which cost almost another $200. And lastly, the LDG FT Meter ($50).

The radio itself is in brand new condition with box and manuals & receipt.

$995 shipped.

e-mail me for photos or if you need more info.

27922. Re: HELP!!!! AT897 autotuner (Plus)

Yahoo group: FT897 (2009)
Date: 2009-10-01 13:21:47 UTC
From: eaglef15
Topic: 27876 Message: 27922

As per the intstructions, I set menu 19 to 9600bps, and menu 20 to CAT. All outher settings are default.

> Hello,
>
> What do you have your menu settings for the tuner set to?
>
> Dwayne Kincaid
> LDG

27923. YAESU FT-897 FT-857 FT-817 MIC CORD FOR MH--36 E8J

Yahoo group: FT897 (2009)
Date: 2009-10-03 09:42:06 UTC
From: wa4zvg
Topic: 27923 Message: 27923

NEW MICROPHONE CABLE SPECIFICALLY MADE FOR

YAESU FT-897

YAESU FT-857 AND YAESU FT-817

MH 36 E8J MICROPHONE CABLE

THIS CORD IS LONGER AND NOT AS "STIFF" AS THE ORIGINAL CORD.

IT IS FAR SUPERIOR TO THE ORIGINAL

HAS YOUR STARTED TO CRACK? HAS IT STARTED TO BREAK AT THE POINT NEAR THE TOP OF THE CORD NEAR THE MIC?

TAKES 30 SECS TO HOOK UP ONCE THE 3 SCREWS ON THE MIC ARE LOOSE !!!!

Please write me at wa4zvg@... if you need one

I'll take paypal or a check

27924. Hand Mic Clip

Yahoo group: FT897 (2009)
Date: 2009-10-03 13:26:02 UTC
From: GeorgeS
Topic: 27924 Message: 27924

I just got a FT-897, which came with a microphone clip. Is it for attachment on the radio? If so where - the I can't find a reference in the manual. Thanks.

George

KC2VQV

27925. psk31 and AGC

Yahoo group: FT897 (2009)
Date: 2009-10-04 15:21:26 UTC
From: ad0dx
Topic: 27925 Message: 27925

I'm new to psk31 and still not sure about the correct agc setting.

I have 2 questions.

a) The manual for rtty (page 38) "view the ALC meter; a few 'dots' of ALC indication should be observed. If not, rotate the dial know to adjust the AFSK level for seven to eight dots of indication on the ALC meter"... so which is it, a few dots or 7 or 8 dots of ALC?

Most things I read indicate that ALC indicates you are overdriving the transmitter, which causes splatter and results in a poor signal. But in my experience it seems like I get better quality signal (as reported by the person receiving) when I turn the ALC up to 7 or 8 dots.

b) I'm using the USB Signalink sound card. Is adjusting the tx level on the signalink the same as adjusting the digital gain menu 37? If not, what is the difference?

Thanks,

Ron

27926. Re: HELP!!!! AT897 autotuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 21:32:07 UTC
From: ke5dfr@sbcglobal.net
Topic: 27876 Message: 27926

I use an LDG AT 897 on my FT-897d and my FR-857 and no problems. I also use the LDG AT200 Pro on the 897D when using it as a base unit.

Make sure you heve the CAT and ACC cables firmly seated in the sockets.

Ken
KE5DFR

--- In FT897@yahoogroups.com, "eaglef15" <ddrongowski@...> wrote:
>
> Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.
>
> Thanks
>

27927. CAT USB

Yahoo group: FT897 (2009)
Date: 2009-10-04 16:04:02 UTC
From: wayner_santos
Topic: 27927 Message: 27927

I use my connected FT-897 to my PC through a cable CAT with interfeice USB.
I already used several programs of CAT as Ham Radiate of it Shows off other, but none of them gets to arm bearer of my FT-897. Will it be that is some configuration that I am not getting to do? If somebody please knows about something it helps me.
Thankful
73 to all
PU1WMS

27928. Re: [FT897] AT-897 auto tuner

Yahoo group: FT897 (2009)
Date: 2009-09-30 20:37:06 UTC
From: Damien Gardner Jnr
Topic: 27847 Message: 27928

On 30/09/2009, at 10:50 PM, Geoff Blake wrote:

> From what I read elsewhere, when the ATU button is pushed for a
> fraction
> of a second, the LED does not light and the AT897 is switched out of
> circuit.

AHhhhhhhh, that makes SO much sense!! Our last holiday away, I had the 897 (with the AT bolted to the side) mounted face-up against the cargo barrier in the station wagon, and with a bag sitting slightly above it, the tune button was getting tapped when we went over decent bumps.. - the next time the OpenTracker would make the rig transmit, the body control module would go nuts! When I finally figured out why my cruise control kept turning off for ~4 seconds at a time I moved the gear in the back around, and re-tuned (which took all of about half a second), and the problem went away..

> When the button is pressed for ~1 second or so, the LED lights and the
> micro in the AT897 communicates with the FT897 and switches the
> radio to a
> low power and to a "carrier" mode (AM and 5W I believe). If the SWR is
> <1.5:1 then the Frequency and L & C parameters are stored in memory
> and
> the LED extinguishes and the micro resets the radio to the original
> mode
> and power.
>
> If the SWR is >1.5:1 then the micro searches the memory for a set of
> parameters matching the frequency and tries those for a SWR <1.5:1. If
> successful the LED is extinguised and the micro resets the radio.
>
> If that search is unsuccessful or the button is pressed for longer
> than
> about 2 seconds, the ATU begins a full tuning cycle, seeking a match
> of
> better that 1.5:1. When/if that is achived the Frequency and L & C
> parameters are stored in memory and the LED is extinguished and the
> micro
> resets the radio.

And that would explain why it appears to not have memories of previously-tuned frequencies - to get the LED to light, you have to hold it in for 2 seconds or so.. - pressing it for a second or so and releasing, makes it look like it tuned, but it only transmits for about a half a second - I figured it was just doing something weird because I hadn't held the tune button in for long enough..

Thankyou!! WIll make using the AT so much easier ;)

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

27929. Re: Aerial Advice

Yahoo group: FT897 (2009)
Date: 2009-10-02 04:37:16 UTC
From: James
Topic: 27881 Message: 27929

can you send me the info on the twin lead antennas

jim hyde k5dhe

27930. Re: [FT897] Hand Mic Clip

Yahoo group: FT897 (2009)
Date: 2009-10-04 17:29:02 UTC
From: Larry D. Barr, K5WLF
Topic: 27924 Message: 27930

There's no place on the radio to mount the clip. It's for mobile use or
for hanging the mic on the bench.

73,
ldb
K5WLF

GeorgeS wrote:
> I just got a FT-897, which came with a microphone clip. Is it for
> attachment on the radio? If so where - the I can't find a reference
> in the manual. Thanks.
>
> George
>
> KC2VQV

27931. Re: [FT897] Hand Mic Clip

Yahoo group: FT897 (2009)
Date: 2009-10-04 17:09:12 UTC
From: DavidN
Topic: 27924 Message: 27931

I've come to the conclusion that Yaesu are very ham-centric and almost having a subtle joke by not mentioning the mic.clip in the manual, as they know that every ham will want the clip where they prefer it - fixed to the ham bench, strapped round your leg, yes on the rig itself, hung from the ceiling of your RV etc etc! It really is, as a ham, up to your own preference :)

David G4TUP/9H3CU.

On 10/3/09, GeorgeS <geodstewart@...> wrote:
> I just got a FT-897, which came with a microphone clip. Is it for attachment
> on the radio? If so where - the I can't find a reference in the manual.
> Thanks.
>
> George
>
> KC2VQV
>
>

27932. 3 Seconds of Power

Yahoo group: FT897 (2009)
Date: 2009-10-04 23:35:46 UTC
From: ki4diw
Topic: 27932 Message: 27932

I have an FT-897. When the Blue "Power" button is pushed the radio will come on for 3 seconds then go back off. The radio will NOT power back up until the power source, (it does not matter if it is on batteries or the 100 Factory power supply) is disconnected and reconnected. This ALL that it will do. Any suggestions would be appreciated.

Buddy,
KI4DIW

27933. Re: [FT897] 3 Seconds of Power

Yahoo group: FT897 (2009)
Date: 2009-10-05 02:45:28 UTC
From: K9ZTV
Topic: 27932 Message: 27933

Buddy . . .

The radio will shut down if . . .

1) The SWR is too high

2) The rig is on battery power and they are not fully charged

3) Other conditions (high voltage, shorted cables, no antenna
connected, etc.) exist that tell the radio to protect itself.

73,

Kent K9ZTV

ki4diw wrote:
>
>
> I have an FT-897. When the Blue "Power" button is pushed the radio
> will come on for 3 seconds then go back off. The radio will NOT power
> back up until the power source, (it does not matter if it is on
> batteries or the 100 Factory power supply) is disconnected and
> reconnected. This ALL that it will do. Any suggestions would be
> appreciated.
>
> Buddy,
> KI4DIW
>

[Non-text portions of this message have been removed]

27934. CAT/TUNE/Lienear ?

Yahoo group: FT897 (2009)
Date: 2009-10-05 06:17:53 UTC
From: Leo
Topic: 27934 Message: 27934

CAT - Tuner - Linear
Can I use all three at the same time?
I have original Yaesu tuner (not LDG)
Linear works at any setings, but all three?
73 Leo S50R

27935. Re: [FT897] CAT/TUNE/Lienear ?

Yahoo group: FT897 (2009)
Date: 2009-10-05 06:24:41 UTC
From: Trixter aka Bret McDanel
Topic: 27934 Message: 27935

On Mon, 2009-10-05 at 06:17 +0000, Leo wrote:
>
> CAT - Tuner - Linear
> Can I use all three at the same time?
> I have original Yaesu tuner (not LDG)
> Linear works at any setings, but all three?
> 73 Leo S50R
>
>

if you have it set to tuner then cat wont work. I have never tried
linear.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27936. Re: [FT897] 3 Seconds of Power

Yahoo group: FT897 (2009)
Date: 2009-10-05 10:12:47 UTC
From: DavidN
Topic: 27932 Message: 27936

Kent, have you had the radio shutdown when the SWR was too high? This is interesting as on my FT897, when there was a dead short (braid touching inner wire) across the N socket (VHF/UHF), it just showed HSWR when I transmitted but didn't shut down....

Perhaps older/newer versions behave differently?

BTW, the dead short doesn't seemed to have harmed the finals.... :)

.d. G4TUP/9H3CU.

On Mon, Oct 5, 2009 at 3:45 AM, K9ZTV <k9ztv@...> wrote:

>
>
> Buddy . . .
>
> The radio will shut down if . . .
>
> 1) The SWR is too high
>
> 2) The rig is on battery power and they are not fully charged
>
> 3) Other conditions (high voltage, shorted cables, no antenna
> connected, etc.) exist that tell the radio to protect itself.
>
> 73,
>
> Kent K9ZTV
>
> ki4diw wrote:
> >
> >
> > I have an FT-897. When the Blue "Power" button is pushed the radio
> > will come on for 3 seconds then go back off. The radio will NOT power
> > back up until the power source, (it does not matter if it is on
> > batteries or the 100 Factory power supply) is disconnected and
> > reconnected. This ALL that it will do. Any suggestions would be
> > appreciated.
> >
> > Buddy,
> > KI4DIW
> >
>
>

[Non-text portions of this message have been removed]

27937. Re: [FT897] 3 Seconds of Power

Yahoo group: FT897 (2009)
Date: 2009-10-05 17:46:12 UTC
From: K9ZTV
Topic: 27932 Message: 27937

Dave . . .

Your radio probably saved itself by protecting the finals.

If there is sufficient RF in the shack that it affects several boards and circuits, including the power supply circuit, the radio will indeed shut itself down, just as it does with low battery voltage. It's seeing the same condition regardless of the cause.

Too many new hams think that if an antenna can be matched with an ATU such that the rig is happy, then they're home free. Not so, for two reasons: 1) RF in the shack can do strange and wondrous things to circuit boards, components, controls, and displays; and 2) low to no radiation efficiency from the antenna can turn a 100 watt radio into a QRP rig real quickly.

Too many new HF hams with nothing but VHF/UHF experience think the dynamics are the same regardless of frequency. They soon learn otherwise.

73,

Kent K9ZTV

DavidN wrote:
>
>
> Kent, have you had the radio shutdown when the SWR was too high? This is
> interesting as on my FT897, when there was a dead short (braid touching
> inner wire) across the N socket (VHF/UHF), it just showed HSWR when I
> transmitted but didn't shut down....
>
> Perhaps older/newer versions behave differently?
>
> BTW, the dead short doesn't seemed to have harmed the finals.... :)
>
> ..d. G4TUP/9H3CU.
>
> On Mon, Oct 5, 2009 at 3:45 AM, K9ZTV <k9ztv@...
> <mailto:k9ztv%40socket.net>> wrote:
>
> >
> >
> > Buddy . . .
> >
> > The radio will shut down if . . .
> >
> > 1) The SWR is too high

> >
> > 2) The rig is on battery power and they are not fully charged
> >
> > 3) Other conditions (high voltage, shorted cables, no antenna
> > connected, etc.) exist that tell the radio to protect itself.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> > ki4diw wrote:
> > >
> > >
> > > I have an FT-897. When the Blue "Power" button is pushed the radio
> > > will come on for 3 seconds then go back off. The radio will NOT power
> > > back up until the power source, (it does not matter if it is on
> > > batteries or the 100 Factory power supply) is disconnected and
> > > reconnected. This ALL that it will do. Any suggestions would be
> > > appreciated.
> > >
> > > Buddy,
> > > KI4DIW
> > >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.420 / Virus Database: 270.14.3/2415 - Release Date: 10/05/09 06:19:00
>
>

[Non-text portions of this message have been removed]

27938. Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-05 19:16:36 UTC
From: notehead12
Topic: 4644 Message: 27938

I want to connect my 897 and my antenna tuner to a copper ground bar recently given to me. The bar is rectangular in shape, about 10" X 3" with two rows of holes going across it. Can I use typical galvanized bolts and wing nuts to connect my ground wires to the copper plate, or do I need something different? Any chance I can push the wire through the hole and just twist it? Thank you in advance , Doug Yaeger, KB1QJK

27939. Re: Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-05 21:50:32 UTC
From: James
Topic: 4644 Message: 27939

use only the same type of metal in the wire and buss barotherwise it will set up corrision

27940. ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-06 02:36:33 UTC
From: patecq
Topic: 27940 Message: 27940

greetings
i have a manual tuner for my 897 but considering autotuner.
any hassles with the autotuners trying to listen to shortwave stations?
at897 or yt100?
kc5slq

27941. Re: [FT897] ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-06 02:51:46 UTC
From: Gary Altig
Topic: 27940 Message: 27941

DE N7UVL,
You might want to consider switching the Tuner in and
out of the Transmission Line path. So it will not interfere
with out of Band Receiving. Put the switch & cables in place
with your existing Tuner to see how receiving is affected
and how you like it. If your existing Tuner has a pass
through feature switch, you already have everything you
need for an initial test. Then you can decide if you want to
go ahead and put the switch & cables in place to do the
same thing with an autotuner. Right of hand, I cannot
think of any autotuners that have a pass through feature./ga

----- Original Message -----
From: patecq<mailto:cqpate@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, October 05, 2009 7:36 PM
Subject: [FT897] ft 897 shortwave

greetings
i have a manual tuner for my 897 but considering autotuner.
any hassles with the autotuners trying to listen to shortwave stations?
at897 or yt100?
kc5slq

[Non-text portions of this message have been removed]

27942. Re: [FT897] ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-06 03:19:59 UTC
From: Gary Altig
Topic: 27940 Message: 27942

DE N7UVL,
I guess I'd better amplify my remarks below, so you wont
"kill your Tuner or 897.
-There would be to ways to accomplish the remarks below.
One would be with two switches, but you'd have to
remember to switch both.
-The other way would be to make sure you are "Not" using
a switch that grounds the unused ports. Place a "T" connector
on the transmission line side of the Tuner. 1 side to the Tuner;
1 side to a port on the switch; and 1 side to the transmission line.
On the Radio side of the Tuner, place a cable to the other
antenna connector on the switch, and finally a cable from the
switch to the Radio.
-When using the switch on the "Tuner" side position, the
"short" extra cable from the "T" to an ungrounded port on
the switch will just act like a stub, that should only have
a minor effect if any on the transmission through the Tuner.
-Again, do not use a switch that grounds the unused/un-switched
ports. You don't want to put your Tuner output to ground
when its not switched into place.
-Finally, there are electronic switching methods that can
accomplish the same thing. Originally used on vintage rigs
for switching a tuner in and out during key down. Most of
those circuits were usually designed to work with a "keyed"
line from the transmitter though. Some Autotuners may
already have this feature, but needs to be verified./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, October 05, 2009 7:51 PM
Subject: Re: [FT897] ft 897 shortwave

DE N7UVL,
You might want to consider switching the Tuner in and
out of the Transmission Line path. So it will not interfere
with out of Band Receiving. Put the switch & cables in place
with your existing Tuner to see how receiving is affected
and how you like it. If your existing Tuner has a pass
through feature switch, you already have everything you
need for an initial test. Then you can decide if you want to
go ahead and put the switch & cables in place to do the
same thing with an autotuner. Right of hand, I cannot
think of any autotuners that have a pass through feature./ga

----- Original Message -----
From: patecq<mailto:cqpate@...<mailto:cqpate%40earthlink.net>>
To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>>
Sent: Monday, October 05, 2009 7:36 PM
Subject: [FT897] ft 897 shortwave

greetings
i have a manual tuner for my 897 but considering autotuner.
any hassles with the autotuners trying to listen to shortwave stations?
at897 or yt100?
kc5slq

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27943. Re: MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-06 12:04:49 UTC
From: Alexander
Topic: 27903 Message: 27943

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I have the FT-897D and just purchased the MD-100a8x. I was wondering if anyone had any suggestions on the settings on the mic as well as menu settings on the radio. >
> Any suggestions are greatly appreciated.
>
> Thanks,
>
> Hank/KB4MTO
As I think to use MD-100a8x with FT-897D does'not have much sence:
With FT-897D's HF frequecy width in SSB close to 2khz it will make almost NO difference with ANY KIND of mikes.Only worth to replace the standart dinamic capsule inside the MH-31 to electret one.Only this will make proper effect in SSB transmitted audio.
If to install INRAD 2900khz SSB filter-the Radio(897D) becomes "a little IC-756pro3" Then any expensive mikes will begin to work...

27944. Re: ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-06 13:42:30 UTC
From: georgemadline
Topic: 27940 Message: 27944

1 The AT897 autotuner does have a bypass feature by just pressing the tune button in a certain way.
2 Down to the more basic question. If you are thinking of attempting to use the autotuner to match the antenna to the received frequency for better reception it will NOT work unless you are listening to something within the amateur bands. The only way for an autotuner to match the antenna is with a transmission from your tranceiver. If you are outside the amateur bands either the 897 wont allow the transmission, or if you have modified it fir wideband it is illegal to make that transmission.

George
kc0woa

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> You might want to consider switching the Tuner in and
> out of the Transmission Line path. So it will not interfere
> with out of Band Receiving. Put the switch & cables in place
> with your existing Tuner to see how receiving is affected
> and how you like it. If your existing Tuner has a pass
> through feature switch, you already have everything you
> need for an initial test. Then you can decide if you want to
> go ahead and put the switch & cables in place to do the
> same thing with an autotuner. Right of hand, I cannot
> think of any autotuners that have a pass through feature./ga
>
> ----- Original Message -----
> From: patecq<mailto:cqpate@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Monday, October 05, 2009 7:36 PM
> Subject: [FT897] ft 897 shortwave
>
>
> greetings
> i have a manual tuner for my 897 but considering autotuner.
> any hassles with the autotuners trying to listen to shortwave stations?
> at897 or yt100?
> kc5slq
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

27945. Re: ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-06 11:55:21 UTC
From: ed_hudgens
Topic: 27940 Message: 27945

All of the LDG tuners will let you push the tune button once quickly to put the tuner in bypass.

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> I guess I'd better amplify my remarks below, so you wont
> "kill your Tuner or 897.
> -There would be to ways to accomplish the remarks below.
> One would be with two switches, but you'd have to
> remember to switch both.
> -The other way would be to make sure you are "Not" using
> a switch that grounds the unused ports. Place a "T" connector
> on the transmission line side of the Tuner. 1 side to the Tuner;
> 1 side to a port on the switch; and 1 side to the transmission line.
> On the Radio side of the Tuner, place a cable to the other
> antenna connector on the switch, and finally a cable from the
> switch to the Radio.
> -When using the switch on the "Tuner" side position, the
> "short" extra cable from the "T" to an ungrounded port on
> the switch will just act like a stub, that should only have
> a minor effect if any on the transmission through the Tuner.
> -Again, do not use a switch that grounds the unused/un-switched
> ports. You don't want to put your Tuner output to ground
> when its not switched into place.
> -Finally, there are electronic switching methods that can
> accomplish the same thing. Originally used on vintage rigs
> for switching a tuner in and out during key down. Most of
> those circuits were usually designed to work with a "keyed"
> line from the transmitter though. Some Autotuners may
> already have this feature, but needs to be verified./ga
>
> ----- Original Message -----
> From: Gary Altig<mailto:garylaltig@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Monday, October 05, 2009 7:51 PM
> Subject: Re: [FT897] ft 897 shortwave
>
>
> DE N7UVL,
> You might want to consider switching the Tuner in and
> out of the Transmission Line path. So it will not interfere
> with out of Band Receiving. Put the switch & cables in place
> with your existing Tuner to see how receiving is affected
> and how you like it. If your existing Tuner has a pass

> through feature switch, you already have everything you
> need for an initial test. Then you can decide if you want to
> go ahead and put the switch & cables in place to do the
> same thing with an autotuner. Right of hand, I cannot
> think of any autotuners that have a pass through feature./ga
>
> ----- Original Message -----
> From: patecq<mailto:cqpate@...<mailto:cqpate%40earthlink.net>>
> To: FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com><mailto:FT897@yahoogroups.com<m
ailto:FT897%40yahoogroups.com>>
> Sent: Monday, October 05, 2009 7:36 PM
> Subject: [FT897] ft 897 shortwave
>
> greetings
> i have a manual tuner for my 897 but considering autotuner.
> any hassles with the autotuners trying to listen to shortwave stations?
> at897 or yt100?
> kc5slq
>
> [Non-text portions of this message have been removed]
>
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> [Non-text portions of this message have been removed]
>

27946. Re: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-05 19:28:01 UTC
From: Leon Robinson
Topic: 4644 Message: 27946

Doug,

Bolt it and make sure the connections are tight and clean.
Run a low Inductance and Resistance conductor in as straight a line as possible to a GOOD earth ground.
Twisted connections??? is asking for PROBLEMS.

Leon K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Mon, 10/5/09, notehead12 <dougyaeger@...> wrote:

From: notehead12 <dougyaeger@...>
Subject: [FT897] Grounding
To: FT897@yahoogroups.com
Date: Monday, October 5, 2009, 2:16 PM

I want to connect my 897 and my antenna tuner to a copper ground bar recently given to me. The bar is rectangular in shape, about 10" X 3" with two rows of holes going across it. Can I use typical galvanized bolts and wing nuts to connect my ground wires to the copper plate, or do I need something different? Any chance I can push the wire through the hole and just twist it? Thank you in advance , Doug Yaeger, KB1QJK

[Non-text portions of this message have been removed]

27947. Re: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-06 16:53:18 UTC
From: DavidN
Topic: 4644 Message: 27947

For the ground from my 897 to my car's body I used UR67 braid,
flattened and of course bolted, but it's only about six inches long.
Methinks something wider for a longer run like yours.

David G4TUP/9H3CU.

On 10/5/09, Leon Robinson <leon-robinson@...> wrote:
> Doug,
>
> Bolt it and make sure the connections are tight and clean.
> Run a low Inductance and Resistance conductor in as straight a line as
> possible to a GOOD earth ground.
> Twisted connections??? is asking for PROBLEMS.
>
> Leon   K5JLR
>
> Political Correctness is a Political Disease. K5JLR
>
> --- On Mon, 10/5/09, notehead12 <dougyaeger@...> wrote:
>
> From: notehead12 <dougyaeger@...>
> Subject: [FT897] Grounding
> To: FT897@yahoogroups.com
> Date: Monday, October 5, 2009, 2:16 PM
>
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> I want to connect my 897 and my antenna tuner to a copper
> ground bar recently given to me. The bar is rectangular in shape, about 10"
> X 3" with two rows of holes going across it. Can I use typical galvanized
> bolts and wing nuts to connect my ground wires to the copper plate, or do I
> need something different? Any chance I can push the wire through the hole
> and just twist it? Thank you in advance , Doug Yaeger, KB1QJK
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> [Non-text portions of this message have been removed]
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27948. Re: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-06 16:57:31 UTC
From: Geoff Blake
Topic: 4644 Message: 27948

On Mon, 5 Oct 2009, Leon Robinson wrote:

> Doug,
>
> Bolt it and make sure the connections are tight and clean.
> Run a low Inductance and Resistance conductor in as straight a line as possible to a GOOD earth ground.
> Twisted connections??? is asking for PROBLEMS.

Also, if you have to use connectors in the ground lead, use the biggest and best CRIMP connectors appropriate for the size of cable. Do not rely on soldered connectors. If you are using strip conductors for grounding, you can join strips by lap joints, through bolted by three bolts of the same material, e.g. copper.

If you are running any length of ground lead, do not run it parallel and/or in close proximity to other wiring.

I examined a church tower that had received a direct strike. There was a little damage to the top of the external 3" by 1/2" lighning conductor, but otherwise the lightning precautions survived their purpose. The church had been hit several times in the past.

However, since the previous strike, somebody had installed some lights and a power point in the belfry, using screw-barrel steel conduit. The conduit ran inside the stone and brick tower, parallel to and about 2ft from the lightning conductor and formed a closed loop. Whe the tower was hit the screw-barrel was blown completely off the wall!

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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27949. RE: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-06 20:10:19 UTC
From: Dennis
Topic: 4644 Message: 27949

DO NOT RELY ON CRIMPED connectors unless you use solder with them as well. Otherwise they can corrode, wires can come/be pulled loose which will render the connector useless and eliminate the connection.

Dennis - N8BMB

[Non-text portions of this message have been removed]

27950. Re: MD-100a8x settings

Yahoo group: FT897 (2009)
Date: 2009-10-06 21:36:44 UTC
From: Alexander
Topic: 27903 Message: 27950

--- In FT897@yahoogroups.com, "Hank" <hank@...> wrote:
>
> I have the FT-897D and just purchased the MD-100a8x......, should I use EQ or mic processing? Also, what should I start with on mic gain for SSB and for FM? Right now with the stock mic I am running my mic gain at 85% for both SSB and FM.
>
> Any suggestions are greatly appreciated.
>
> Thanks,
>
> Hank/KB4MTO
>
Some extra infor: In my superb FT-897D with instaled INRAD 2900khz filter I never use any EQ and processing. Those options are very poor in this radio.Only Mic Gain in SSB and FM.Averige settings abt~40-50% The EQ and PROCC schematic in FT-897D is extremly simple-may be of that reason it works not so good.

27951. RE: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-06 21:48:47 UTC
From: Geoff Blake
Topic: 4644 Message: 27951

On Tue, 6 Oct 2009, Dennis wrote:

> DO NOT RELY ON CRIMPED connectors unless you use solder with them as
> well. Otherwise they can corrode, wires can come/be pulled loose which
> will render the connector useless and eliminate the connection.
>
> Dennis - N8BMB
>
Dennis, a properly crimped connector is designed to survive a pull test
which is a significant part of the breaking strain of the wire. Soldered
connectors are more likely to corrode.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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27952. Re: ft 897 shortwave

Yahoo group: FT897 (2009)
Date: 2009-10-07 05:36:11 UTC
From: patecq
Topic: 27940 Message: 27952

autotuners are a good bargain now. i just heard the bypass button is tricky if i want to hear broadcast SW. maybe keep the old tuner in case it needs T connector.
thanks

27953. RE: [FT897] Grounding

Yahoo group: FT897 (2009)
Date: 2009-10-07 05:36:50 UTC
From: Eric van de Weyer
Topic: 4644 Message: 27953

Dennis

In fact, a properly crimped connection is usually better than a soldered one.

Soldering often provides a solid point where the solder has wicked up the wire making it stiff and more likely to snap off with any bending movement or long term vibration.

Most commercial installations do rely on crimp rather than solder.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Geoff Blake
Sent: Wednesday, 7 October 2009 08:49
To: FT897@yahoogroups.com
Subject: RE: [FT897] Grounding

On Tue, 6 Oct 2009, Dennis wrote:

> DO NOT RELY ON CRIMPED connectors unless you use solder with them as
> well. Otherwise they can corrode, wires can come/be pulled loose which
> will render the connector useless and eliminate the connection.
>
> Dennis - N8BMB
>
Dennis, a properly crimped connector is designed to survive a pull test which is a significant part of the breaking strain of the wire. Soldered connectors are more likely to corrode.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

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Yahoo! Groups Links

27954. operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 20:31:37 UTC
From: zephyrnewyork
Topic: 27954 Message: 27954

Greetings fellow hams,

I want to pick your brains again today :)

1. If you could choose a city apartment rental floor from which to work DX (and local) on all HF ham bands to include 160m (and VHF & UHF), which floor would you choose? This includes operating from indoors, and from a balcony or fire escape. Let's assume for simplicity's sake that any floor you choose has a clear line of sight to the horizon in at least one cardinal direction. (The apartment building isn't surrounded on all sides by taller buildings.)

2. Which floor would be the lowest floor you would consider?

3. Is there such a thing as a floor that's too high for good radiowave propagation? (Let's be reasonable. There is no Tower of Babel Apartment Complex in this city ;)

4. What if you could choose any rooftop from which to operate from time to time? How high would your rooftop be? How many stories?

5. What kind(s) of antennas not permanently installed would you use?

Thanks in advance.

73,
Frank

27955. Re: [FT897] operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 20:41:12 UTC
From: Gary Altig
Topic: 27954 Message: 27955

DE N7UVL,
The Roof./ga

----- Original Message -----
From: zephyrnewyork<mailto:ZephyrNewYork@...>
To: HamRadioHelpGroup<mailto:HamRadioHelpGroup@yahoogroups.com> ;
hfpack<mailto:hfpack@yahoogroups.com> ; Buddipole<mailto:buddipole@yahoogroups.com> ;
FT897<mailto:FT897@yahoogroups.com> ; FT-857<mailto:FT-857@yahoogroups.com> ;
FT817<mailto:FT817@yahoogroups.com>
Sent: Wednesday, October 07, 2009 1:31 PM
Subject: [FT897] operating from apartments

Greetings fellow hams,

I want to pick your brains again today :)

1. If you could choose a city apartment rental floor from which to
work DX (and local) on all HF ham bands to include 160m (and VHF &
UHF), which floor would you choose? This includes operating from
indoors, and from a balcony or fire escape. Let's assume for
simplicity's sake that any floor you choose has a clear line of sight
to the horizon in at least one cardinal direction. (The apartment
building isn't surrounded on all sides by taller buildings.)

2. Which floor would be the lowest floor you would consider?

3. Is there such a thing as a floor that's too high for good
radiowave propagation? (Let's be reasonable. There is no Tower of
Babel Apartment Complex in this city ;)

4. What if you could choose any rooftop from which to operate from
time to time? How high would your rooftop be? How many stories?

5. What kind(s) of antennas not permanently installed would you use?

Thanks in advance.

73,
Frank

[Non-text portions of this message have been removed]

27956. Re: [FT897] operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 20:56:24 UTC
From: zephyrnewyork
Topic: 27954 Message: 27956

Gary,

Please read the questions. If you could choose ANY roof, how high
would it be? What if you had to operate from within an apartment or
from a balcony or fire escape? Thanks.

73,
Frank

On 2009-10-07, Gary Altig <garylaltig@...> wrote:
> DE N7UVL,
> The Roof./ga
>
> ----- Original Message -----
> From: zephyrnewyork<mailto:ZephyrNewYork@...>
> To: HamRadioHelpGroup<mailto:HamRadioHelpGroup@yahoogroups.com> ;
> hfpack<mailto:hfpack@yahoogroups.com> ;
> Buddipole<mailto:buddipole@yahoogroups.com> ;
> FT897<mailto:FT897@yahoogroups.com> ; FT-857<mailto:FT-857@yahoogroups.com>
> ; FT817<mailto:FT817@yahoogroups.com>
> Sent: Wednesday, October 07, 2009 1:31 PM
> Subject: [FT897] operating from apartments
>
>
> Greetings fellow hams,
>
> I want to pick your brains again today :)
>
> 1. If you could choose a city apartment rental floor from which to
> work DX (and local) on all HF ham bands to include 160m (and VHF &
> UHF), which floor would you choose? This includes operating from
> indoors, and from a balcony or fire escape. Let's assume for
> simplicity's sake that any floor you choose has a clear line of sight
> to the horizon in at least one cardinal direction. (The apartment
> building isn't surrounded on all sides by taller buildings.)
>
> 2. Which floor would be the lowest floor you would consider?
>
> 3. Is there such a thing as a floor that's too high for good
> radiowave propagation? (Let's be reasonable. There is no Tower of
> Babel Apartment Complex in this city ;)
>
> 4. What if you could choose any rooftop from which to operate from
> time to time? How high would your rooftop be? How many stories?
>
> 5. What kind(s) of antennas not permanently installed would you use?

>
> Thanks in advance.
>
> 73,
> Frank
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

--
Click or copy the link below to help a Paramedic & other volunteers
provide free medical care to poor children & adults in a very remote
location who otherwise would not have access to medical care. Any type
of help will be appreciated. If you're unable to donate, please
spread the word :)

https://www.causes.com/fb/donations/new?cause_id=325556&fundraiser_id=1172063&m=a0036bf0

27957. Re: operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 21:00:28 UTC
From: zephyrnewyork
Topic: 27954 Message: 27957

My bad, I realized my mistake after I hit the Send button. I do
realize that 160m is a MF band, not HF :)

73,
Frank

On Wed, Oct 7, 2009 at 16:31, zephyrnewyork <zephyrnewyork@...> wrote:
> Greetings fellow hams,
>
>
> I want to pick your brains again today :)
>
> 1. If you could choose a city apartment rental floor from which to
> work DX (and local) on all HF ham bands to include 160m (and VHF &
> UHF), which floor would you choose? This includes operating from
> indoors, and from a balcony or fire escape. Let's assume for
> simplicity's sake that any floor you choose has a clear line of sight
> to the horizon in at least one cardinal direction. (The apartment
> building isn't surrounded on all sides by taller buildings.)
>
> 2. Which floor would be the lowest floor you would consider?
>
> 3. Is there such a thing as a floor that's too high for good
> radiowave propagation? (Let's be reasonable. There is no Tower of
> Babel Apartment Complex in this city ;)
>
> 4. What if you could choose any rooftop from which to operate from
> time to time? How high would your rooftop be? How many stories?
>
> 5. What kind(s) of antennas not permanently installed would you use?
>
>
> Thanks in advance.
>
>
> 73,
> Frank
>

27958. Re: [FT897] operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 21:48:24 UTC
From: Gary Altig
Topic: 27954 Message: 27958

DE N7UVL,
That was my "smartalecky" answer for today.
-Many things to consider:
-My view is Higher above the terrain is better. Grounds can
be worked out. But height is difficult to overcome without
towers.
-Is roof access allowed? Many roofs these days a "rubber"
roof and access is usually severely limited.
-Mounting/drilling is another problem. If roof access is allowed,
mounting & drilling may be limited or not allowed.
-If the roof has some sort of additional framework above it,
additional permissions may be required to mount anything on it.
-You would think a fire escape ladder to the roof would be
convenient place to mount something. I would speculate
the "fire codes" prevent that.
-If roof access is not viable, fire escape metal; drain pipe metal;
are places to steer clear of to keep the antenna from being
"detuned". Balcony metal could be used as a counter poise
for antennas that use that method. (such as Buddie Sticks).
Frequently though, balconies have something above (such
as an overhang or another balcony) that will require some
method to get the radiating portion of the antenna away
from the building.
-Note some people have placed their counterpoise inside
the apartment. I'm not a fan of that method./ga

----- Original Message -----
From: Gary Altig<mailto:garylaltig@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, October 07, 2009 1:41 PM
Subject: Re: [FT897] operating from apartments

DE N7UVL,
The Roof./ga

----- Original Message -----
From: zephyrnewyork<mailto:ZephyrNewYork@...<mailto:ZephyrNewYork@...>>
To: HamRadioHelpGroup<mailto:HamRadioHelpGroup@yahoogroups.com<mailto:HamRadioHelpGroup@yahoogroups.com>> ; hfpack<mailto:hfpack@yahoogroups.com<mailto:hfpack@yahoogroups.com>> ; Buddipole<mailto:buddipole@yahoogroups.com<mailto:buddipole@yahoogroups.com>> ; FT897<mailto:FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>> ; FT-857<mailto:FT-857@yahoogroups.com<mailto:FT-857%40yahoogroups.com>> ; FT817<mailto:FT817@yahoogroups.com<mailto:FT817%40yahoogroups.com>>
Sent: Wednesday, October 07, 2009 1:31 PM
Subject: [FT897] operating from apartments

Greetings fellow hams,

I want to pick your brains again today :)

1. If you could choose a city apartment rental floor from which to work DX (and local) on all HF ham bands to include 160m (and VHF & UHF), which floor would you choose? This includes operating from indoors, and from a balcony or fire escape. Let's assume for simplicity's sake that any floor you choose has a clear line of sight to the horizon in at least one cardinal direction. (The apartment building isn't surrounded on all sides by taller buildings.)

2. Which floor would be the lowest floor you would consider?

3. Is there such a thing as a floor that's too high for good radiowave propagation? (Let's be reasonable. There is no Tower of Babel Apartment Complex in this city ;)

4. What if you could choose any rooftop from which to operate from time to time? How high would your rooftop be? How many stories?

5. What kind(s) of antennas not permanently installed would you use?

Thanks in advance.

73,
Frank

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

27959. Re: operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-07 23:22:58 UTC
From: jcglt
Topic: 27954 Message: 27959

I'm working my FT897D from the 4th (and highest) floor of my building (made of steel reinforced concrete) which is situated near the top of a dominating hill in Noumea (New Caledonia). I have a clear line of sight over 270 degrees. I use mobile monoband Hustler antennas (80-40-20-15 and 10 meters) set at about 45 degrees angle from vertical and facing North to get some distance from wall and overhead ceiling, the around 30 feet of metal balcony railing are used as counterpoise. I have no access to the roof top and a non-stealth antenna would not be well considered here.
During the last two months, with a rather low propagation I got on SSB on 20meter band some 59 reports from western Australia, New Zealand and one 58 from Hawai, to be fair I must say that on the other side they used power amplifiers with beam antennas.
About the future, with my strong space limitations I might consider a MagLoop or a Micro-vert antenna. I will also consider digital (PSK31) operation to try DX.
Best 73s, FK8IH

--- In FT897@yahoogroups.com, zephyrnewyork <ZephyrNewYork@...> wrote:
>
> Greetings fellow hams,
>
>
> I want to pick your brains again today :)
>
> 1. If you could choose a city apartment rental floor from which to
> work DX (and local) on all HF ham bands to include 160m (and VHF &
>.....

27960. Cutting off while transmitting

Yahoo group: FT897 (2009)
Date: 2009-10-08 00:10:16 UTC
From: Jeremy Dunman
Topic: 27960 Message: 27960

Hello everyone,

Here is the problem, recently my FT-897 has started cutting off staying off for a second or two or sometimes even longer then cutting back on only while I am transmitting, it does it in all modes - PSK/RTTY/SSB. Thought at first it was RF getting back in to the radio via the CAT cable, removed them and still getting in there. Have a good Common Mode choke on the antenna, have several torroids on there and have torroids on the power supply as well, still cant figure out what is causing it. Any suggestions on what it may be? I am going crazy here.

Jeremy

KD4LCR

[Non-text portions of this message have been removed]

27961. Re: [FT897] operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-08 10:32:40 UTC
From: zephyrnewyork
Topic: 27954 Message: 27961

Gary,
Thanks for the info.

I'm asking because I'm currently hunting for an apartment. Even with roof access, I don't plan on leaving expensive antennas up there for long periods. This is New York City. Stuff left out has a strong tendency to walk away on its own.

I did look at one apartment on the 5th of 5 floors which has roof access. However, it's surrounded on 3 sides by taller buildings and has clear line of sight to the western horizon. If I had a choice of one direction, I'd prefer clear LOS to the east for DX purposes.

If I were to mount an antenna upon the fire escape, I would only do so temporarily, while operating. Afterwards, I'd take everything back indoors. So fire code violations, if any, would not apply.

Why don't you like the indoor counterpoise?

It looks like I'll keep searching for a top floor corner apartment with a balcony or fire escape. I hope to find one that isn't surrounded by taller buildings. Wish me luck.

73,
Frank

On Wed, Oct 7, 2009 at 17:48, Gary Altig <garylaltig@...> wrote:

>
>
> DE N7UVL,
> That was my "smartalecky" answer for today.
> -Many things to consider:
> -My view is Higher above the terrain is better. Grounds can
> be worked out. But height is difficult to overcome without
> towers.
> -Is roof access allowed? Many roofs these days a "rubber"
> roof and access is usually severely limited.
> -Mounting/drilling is another problem. If roof access is allowed,
> mounting & drilling may be limited or not allowed.
> -If the roof has some sort of additional framework above it,
> additional permissions may be required to mount anything on it.
> -You would think a fire escape ladder to the roof would be
> convenient place to mount something. I would speculate
> the "fire codes" prevent that.
> -If roof access is not viable, fire escape metal; drain pipe metal;
> are places to steer clear of to keep the antenna from being

> "detuned". Balcony metal could be used as a counter poise
> for antennas that use that method. (such as Buddie Sticks).
> Frequently though, balconies have something above (such
> as an overhang or another balcony) that will require some
> method to get the radiating portion of the antenna away
> from the building.
> -Note some people have placed their counterpoise inside
> the apartment. I'm not a fan of that method./ga
>
> ----- Original Message -----
> From: Gary Altig<mailto:garylaltig@... <garylaltig%40msn.com>>
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com><mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>>
> Sent: Wednesday, October 07, 2009 1:41 PM
> Subject: Re: [FT897] operating from apartments
>
> DE N7UVL,
> The Roof./ga
>

[Non-text portions of this message have been removed]

27962. Re: [FT897] Re: operating from apartments

Yahoo group: FT897 (2009)
Date: 2009-10-08 11:09:19 UTC
From: zephyrnewyork
Topic: 27954 Message: 27962

FK8IH,
Thanks for sharing your ideas :)

73,
W-F2ANK

On Wed, Oct 7, 2009 at 19:22, jcglt <jcjglt@...> wrote:

>
>
> I'm working my FT897D from the 4th (and highest) floor of my building (made
> of steel reinforced concrete) which is situated near the top of a dominating
> hill in Noumea (New Caledonia). I have a clear line of sight over 270
> degrees. I use mobile monoband Hustler antennas (80-40-20-15 and 10 meters)
> set at about 45 degrees angle from vertical and facing North to get some
> distance from wall and overhead ceiling, the around 30 feet of metal balcony
> railing are used as counterpoise. I have no access to the roof top and a
> non-stealth antenna would not be well considered here.
> During the last two months, with a rather low propagation I got on SSB on
> 20meter band some 59 reports from western Australia, New Zealand and one 58
> from Hawai, to be fair I must say that on the other side they used power
> amplifiers with beam antennas.
> About the future, with my strong space limitations I might consider a
> MagLoop or a Micro-vert antenna. I will also consider digital (PSK31)
> operation to try DX.
> Best 73s, FK8IH
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, zephyrnewyork
> <ZephyrNewYork@...> wrote:
> >
> > Greetings fellow hams,
> >
> >
> > I want to pick your brains again today :)
> >
> > 1. If you could choose a city apartment rental floor from which to
> > work DX (and local) on all HF ham bands to include 160m (and VHF &
> >.....
>
>
>

[Non-text portions of this message have been removed]

27963. Re: Cutting off while transmitting

Yahoo group: FT897 (2009)
Date: 2009-10-08 17:44:21 UTC
From: Steve Yates
Topic: 27960 Message: 27963

Jeremy,

Many things to consider. I'll ask a few things that may help someone answer:

1. What are you using for a power supply?

2. What is the supply voltage when the radio cuts off?

3. Does the problem occur when transmitting into a dummy load?

4. Does the problem occur when the RF power output is turned way down?

5. Does it occur when only the microphone, DC power, and antenna are connected?

73,
Steve - AA5TB

27964. CT-62?

Yahoo group: FT897 (2009)
Date: 2009-10-09 15:48:29 UTC
From: Finnigann
Topic: 27964 Message: 27964

There was some messages awhile ago about the CT62 cable. I found this
today (dunno if it was over looked before, or this is a new item).

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406.html

I don't have one, never used one. But it was interesting nontheless.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27965. Re: CT-62?

Yahoo group: FT897 (2009)
Date: 2009-10-09 17:42:39 UTC
From: rschaffrath
Topic: 27964 Message: 27965

Yes, I have one of those that I purchased back in 2006. It uses a Prolific PL-2303 serial chip. The nice thing is that there is good software support for that chip and you can get both 32-bit and 64-bit drivers for Windows XP, Vista and Windows 7 as well as Linux (source code available).

Robert, N2JTX

--- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>
> There was some messages awhile ago about the CT62 cable. I found this
> today (dunno if it was over looked before, or this is a new item).
>
> http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406.html
>
> I don't have one, never used one. But it was interesting nontheless.
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>

27966. RE: [FT897] CT-62?

Yahoo group: FT897 (2009)
Date: 2009-10-09 19:54:47 UTC
From: Matt Patterson
Topic: 27964 Message: 27966

Thanks for the heads up. I just purchased one from them. We'll see how it works.

73 Matt
W5LL

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Finnigann
Sent: Friday, October 09, 2009 10:48 AM
To: FT897@yahoogroups.com
Subject: [FT897] CT-62?

There was some messages awhile ago about the CT62 cable. I found this today (dunno if it was over looked before, or this is a new item).

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406.html

I don't have one, never used one. But it was interesting nontheless.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

27967. Re: Cutting off while transmitting

Yahoo group: FT897 (2009)
Date: 2009-10-08 11:47:15 UTC
From: taxman651
Topic: 27960 Message: 27967

Jerry,

Have you checked the integrity of the DC molex plug. I had a similar problem w/ my Icom 746pro which uses the same plug. The plug was ill fitting and very loose. Intermittently on TX the rig would shut off. I would have to hit the power button again to turn it on. I realized it was the plug and tightened up the prongs. I'll eventual replace it but the problem is gone for now.

Bob

--- In FT897@yahoogroups.com, "Jeremy Dunman" <kd4lcr@...> wrote:
>
> Hello everyone,
>
> Here is the problem, recently my FT-897 has started cutting off staying off
> for a second or two or sometimes even longer then cutting back on only while
> I am transmitting, it does it in all modes - PSK/RTTY/SSB. Thought at first
> it was RF getting back in to the radio via the CAT cable, removed them and
> still getting in there. Have a good Common Mode choke on the antenna, have
> several torroids on there and have torroids on the power supply as well,
> still cant figure out what is causing it. Any suggestions on what it may be?
> I am going crazy here.
>
>
>
> Jeremy
>
> KD4LCR
>
>
>
> [Non-text portions of this message have been removed]
>

27968. Need Bottom Cover for FT897

Yahoo group: FT897 (2009)
Date: 2009-10-07 04:32:00 UTC
From: DennisR
Topic: 27968 Message: 27968

I have an FT897 with the Installed FT30P Power Supply. I am trying to locate an original bottom cover so that I can remove the FT30P Power Supply and replace with the two Battery Packs. Not having ever seen one, do I need anything more than the bottom cover? I can buy the accessory battery packs, but haven't found the bottom cover as an accessory.

Dennis
Wa5KTC

27969. Suggestions requested

Yahoo group: FT897 (2009)
Date: 2009-10-09 19:38:33 UTC
From: w3bi2
Topic: 27969 Message: 27969

Rick, W3BI here...I just purchased an 897d for a trip to Iceland next September. I plan on a CW only operation and only after the days activities as this is a vacation trip.

My request for suggestions is about the power supply. I don't know whether to get the internal power supply and run it off of the 220-240VAC (which it is rated for) or go with 1 battery or 2 with a charger that will run off of the Iceland voltage.

Does anyone know the approximate time, using CW, that one battery will last? Two batteries might add just a bit too much weight as I plan on carrying it in a carry on bag and at 72 it doesn't take too much to drag me down.

I have an LDG Z-100plus to use. Is there an outlet on the 897 that I can use to power the tuner?

Thanks, 73,

Rick W3BI

[Non-text portions of this message have been removed]

27970. Columbus Day Special

Yahoo group: FT897 (2009)
Date: 2009-10-09 20:05:37 UTC
From: w4wb
Topic: 27970 Message: 27970

Take advantage of the W4RT Electronics Columbus Day Special which is free shipping within the USA for orders totally over $100.

www.w4rt.com

To obtain FREE SHIPPING, simply input "Columbus Day" in the Comments Box on the order form. You will still see the shipping charge, but Ralph N5DOI will delete this charge when he processes the order.

73 de Barry W4WB

27971. Re: [FT897] Need Bottom Cover for FT897

Yahoo group: FT897 (2009)
Date: 2009-10-09 21:29:24 UTC
From: N4CQR
Topic: 27968 Message: 27971

Dennis

Call Yaseu. They can be had. All you need is the bottom cover. Remove the power supply, install the bottom cover and you are done.

Craig

Grundig Satellit 750 Group:
http://groups.yahoo.com/group/Satellit-750

Talk about Yaesu's Newest HT, the VX-8R:
http://groups.yahoo.com/group/VX8R/

--- On Wed, 10/7/09, DennisR <recla@...> wrote:

> From: DennisR <recla@...>
> Subject: [FT897] Need Bottom Cover for FT897
> To: FT897@yahoogroups.com
> Date: Wednesday, October 7, 2009, 12:32 AM
> I have an FT897 with the Installed
> FT30P Power Supply. I am trying to locate an original
> bottom cover so that I can remove the FT30P Power Supply and
> replace with the two Battery Packs. Not having ever seen
> one, do I need anything more than the bottom cover? I
> can buy the accessory battery packs, but haven't found the
> bottom cover as an accessory.
>
> Dennis
> Wa5KTC

27972. Re: [FT897] Suggestions requested

Yahoo group: FT897 (2009)
Date: 2009-10-09 21:30:13 UTC
From: Finnigann
Topic: 27969 Message: 27972

On Fri, 09 Oct 2009 15:38:33 -0400, w3bi2 <w3bi.rick@...> wrote:

>
> Rick, W3BI here...I just purchased an 897d for a trip to Iceland next
> September. I plan on a CW only operation and only after the days
> activities as this is a vacation trip.
>
> My request for suggestions is about the power supply. I don't know
> whether to get the internal power supply and run it off of the
> 220-240VAC (which it is rated for) or go with 1 battery or 2 with a
> charger that will run off of the Iceland voltage.
>
> Does anyone know the approximate time, using CW, that one battery will
> last? Two batteries might add just a bit too much weight as I plan on
> carrying it in a carry on bag and at 72 it doesn't take too much to drag
> me down.

Output power will be lower using the internal batteries.

>
> I have an LDG Z-100plus to use. Is there an outlet on the 897 that I can
> use to power the tuner?

You may be able to tap the voltage at the feed point. If this is going to be a common setup option, you may want to construct a molex tap of some sort to enable a power supply for the LDG. Perhaps a simple distribution box with anderson power pole connectors or 5-way binding posts, to enable other options too.

Now, I must deal with my envy of your vacation plans. Best of times for you!

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27973. Re: [FT897] Need Bottom Cover for FT897

Yahoo group: FT897 (2009)
Date: 2009-10-09 21:41:43 UTC
From: Finnigann
Topic: 27968 Message: 27973

On Fri, 09 Oct 2009 17:29:24 -0400, N4CQR <n4cqr@...> wrote:

> --- On Wed, 10/7/09, DennisR <recla@...> wrote:
>
>> From: DennisR <recla@...>
>> Subject: [FT897] Need Bottom Cover for FT897
>> To: FT897@yahoogroups.com
>> Date: Wednesday, October 7, 2009, 12:32 AM
>> I have an FT897 with the Installed
>> FT30P Power Supply.? I am trying to locate an original
>> bottom cover so that I can remove the FT30P Power Supply and
>> replace with the two Battery Packs. Not having ever seen
>> one, do I need anything more than the bottom cover?? I
>> can buy the accessory battery packs, but haven't found the
>> bottom cover as an accessory.
>>

>
> Call Yaseu. They can be had. All you need is the bottom cover. Remove
> the power supply, install the bottom cover and you are done.
>

Part number RA0397800 BOTTOM CASE

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27974. Re: [FT897] Suggestions requested

Yahoo group: FT897 (2009)
Date: 2009-10-10 00:06:20 UTC
From: Gary Altig
Topic: 27969 Message: 27974

DE N7UVL,
Something I have not seen suggested on this Group yet:
Since several people seem to want to "backpack" the 897
and use internal batteries (opting out of the internal AC
supply), there is another option:
-While on internal batteries, output power is automatically
lowered.
-However, regardless as to whether an AC internal supply
is installed, the external 12VDC power source remains
available for use (without lowering the output power).
Even though the 897 is a bit heavy for backpacking,
neither power source needs to be internally installed,
and full power output can still be accomplished by using
a "hefty" 12VDC (13.8V) external power source.
This would "lighten" the 897 for traveling, and place the
emphasis on 12VDC power availability at the travel destination.
-In the case of installing the Internal AC Supply set at
220VAC, the 12 Volt external operation option still is
viable./ga
----- Original Message -----
From: Finnigann<mailto:finnigann2580@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Friday, October 09, 2009 2:30 PM
Subject: Re: [FT897] Suggestions requested

On Fri, 09 Oct 2009 15:38:33 -0400, w3bi2 <w3bi.rick@...<mailto:w3bi.rick@...>> wrote:

>
> Rick, W3BI here...I just purchased an 897d for a trip to Iceland next
> September. I plan on a CW only operation and only after the days
> activities as this is a vacation trip.
>
> My request for suggestions is about the power supply. I don't know
> whether to get the internal power supply and run it off of the
> 220-240VAC (which it is rated for) or go with 1 battery or 2 with a
> charger that will run off of the Iceland voltage.
>
> Does anyone know the approximate time, using CW, that one battery will
> last? Two batteries might add just a bit too much weight as I plan on
> carrying it in a carry on bag and at 72 it doesn't take too much to drag
> me down.

Output power will be lower using the internal batteries.

>
> I have an LDG Z-100plus to use. Is there an outlet on the 897 that I can

> use to power the tuner?

You may be able to tap the voltage at the feed point. If this is going to be a common setup option, you may want to construct a molex tap of some sort to enable a power supply for the LDG. Perhaps a simple distribution box with anderson power pole connectors or 5-way binding posts, to enable other options too.

Now, I must deal with my envy of your vacation plans. Best of times for you!

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12<http://www.tinyurl.com/bcarc12>
http://my.opera.com/Finnigann/blog<http://my.opera.com/Finnigann/blog>
http://community.webshots.com/user/finnigann<http://community.webshots.com/user/finnigann>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

27975. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-10 10:56:04 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 27975

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /RK3BU SW outdoor antenna/Sloper.bmp
Uploaded by : alex_rk3bu <9976048@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/RK3BU%20%20SW%20outdoor%20antenna/Sloper.bmp

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

alex_rk3bu <9976048@...>

27976. Re: [FT897] New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-10 11:28:33 UTC
From: Finnigann
Topic: 22 Message: 27976

On Sat, 10 Oct 2009 06:56:04 -0400, <FT897@yahoogroups.com> wrote:

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the FT897
> group.
>
> File : /RK3BU SW outdoor antenna/Sloper.bmp
> Uploaded by : alex_rk3bu <9976048@...>
> Description :
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/FT897/files/RK3BU%20%20SW%20outdoor%20antenna/Sloper.bmp
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles
>
> Regards,
>
> alex_rk3bu <9976048@...>
>
>
>

The only thing I found was this:
http://f1.grp.yahoofs.com/v1/MGnQSvLDNkRWh8kG_npvIDi1GgOo2kQEbV14SpyVa8g1Quyf8WvcPtnHoYnKcpBvRxnkLQRCycGJ9C8yfU5ubM91fiLz-92VSiNO/RK3BU%20%20SW%20outdoor%20antenna/%80%A0%A0%CD%C0%CA%CB-2-ENG.JPG

Not a BMP file.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27977. RE: [FT897] CT-62?

Yahoo group: FT897 (2009)
Date: 2009-10-10 18:37:32 UTC
From: Jeremy Dunman
Topic: 27964 Message: 27977

I have had one from Valley for a while and all I can say is I love it..
Don't have to worry about setting it up work with a serial adapter makes
life so much easier..

73

Jeremy

KD4LCR

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Matt
Patterson
Sent: Friday, October 09, 2009 2:55 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] CT-62?

Thanks for the heads up. I just purchased one from them. We'll see how it
works.

73 Matt
W5LL

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf
Of
Finnigann
Sent: Friday, October 09, 2009 10:48 AM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] CT-62?

There was some messages awhile ago about the CT62 cable. I found this
today (dunno if it was over looked before, or this is a new item).

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406
..html

I don't have one, never used one. But it was interesting nontheless.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

27978. Re: [FT897] New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-11 17:36:10 UTC
From: Florentin Nastase
Topic: 22 Message: 27978

I accesed the URL and the respons was...

The requested file or directory is not found on the server.

73's
Florentin YO9BXC.

--- On Sat, 10/10/09, Finnigann <finnigann2580@...> wrote:

From: Finnigann <finnigann2580@...>
Subject: Re: [FT897] New file uploaded to FT897
To: FT897@yahoogroups.com
Date: Saturday, October 10, 2009, 4:28 AM

On Sat, 10 Oct 2009 06:56:04 -0400, <FT897@yahoogroups.com> wrote:

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the FT897
> group.
>
>   File   : /RK3BU SW outdoor antenna/Sloper.bmp
>   Uploaded by : alex_rk3bu <9976048@...>
>   Description :
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/FT897/files/RK3BU%20%20SW%20outdoor%20antenna/Sloper.bmp
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles
>
> Regards,
>
> alex_rk3bu <9976048@...>
>
>
>

The only thing I found was this:
http://f1.grp.yahoofs.com/v1/MGnQSvLDNkRWh8kG_npvIDi1GgOo2kQEbV14SpyVa8g1Quyf8WvcPtnHoYnKcpBvRxnkLQRCycGJ9C8yfU5ubM91fiLz-92VSiNO/RK3BU%20%20SW%20outdoor%20antenna/%80%A0%A0%CD%C0%CA%CB-2-ENG.JPG

Not a BMP file.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

27979. Re: [FT897] New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-11 19:12:38 UTC
From: Finnigann
Topic: 22 Message: 27979

On Sun, 11 Oct 2009 13:36:10 -0400, Florentin Nastase <yo9bxc@...>
wrote:

> I accesed the URL and the respons was...
> ?
> The requested file or directory is not found on the server.
> ?
> 73's
> Florentin YO9BXC.
>

Hmmm At the bottom of most messages is row of links:
Messages | Files | Photos | Links | Database | Polls | Calendar
^^^^^
Click on Files, then look for RK3BU as a link. That should take you to a
single link to a image file (JPG) That's the link you need to view the
image. Most browsers will display jpgs without external help.

The %20 is a space in the file name.

The file may have been uploaded as a BMP but stored as a jpg (smaller)
file.

>>
>> ???File? ? ? ? : /RK3BU? SW outdoor antenna/Sloper.bmp
>> ???Uploaded by : alex_rk3bu <9976048@...>
>> ???Description :
>>

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27980. Re: [FT897] Need Bottom Cover for FT897

Yahoo group: FT897 (2009)
Date: 2009-10-11 19:22:02 UTC
From: Peter Robinson
Topic: 27968 Message: 27980

Have you contacted Yaesu? Certainly in the UK, they are very helpful.

73 de Peter - GØFIM / AA3JN

Life isn't like a bowl of cherries or peaches, its more like a jar of Jalapenos - What you do today, might burn your ass tomorrow . . .

----- Original Message -----
From: DennisR
To: FT897@yahoogroups.com
Sent: Wednesday, October 07, 2009 5:32 AM
Subject: [FT897] Need Bottom Cover for FT897

I have an FT897 with the Installed FT30P Power Supply. I am trying to locate an original bottom cover so that I can remove the FT30P Power Supply and replace with the two Battery Packs. Not having ever seen one, do I need anything more than the bottom cover? I can buy the accessory battery packs, but haven't found the bottom cover as an accessory.

Dennis
Wa5KTC

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.421 / Virus Database: 270.14.8/2425 - Release Date: 10/09/09 08:10:00

[Non-text portions of this message have been removed]

27981. Re: [FT897] New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-11 20:08:35 UTC
From: Dean Gibson AE7Q
Topic: 22 Message: 27981

To avoid people posting links to downloaded files, Yahoo! changes the
link every few hours (or at least they used to), in which case it is
FUTILE to post a link.

Yahoo wants customers to NAVIGATE to the files section, and thereby view
the ads in the navigation process. When you go direct you avoid the
ads. Nice idea (and I agree with the thought), but against Yahoo!
purpose of making money from ads.

-- Dean

On 2009-10-11 12:12, Finnigann wrote:
> On Sun, 11 Oct 2009 13:36:10 -0400, Florentin Nastase <yo9bxc@...>
> wrote:
>
>
>> I accesed the URL and the response was...
>>
>> The requested file or directory is not found on the server.
>>
>> 73's
>> Florentin YO9BXC.
>>
>>
>
>
> Hmmm At the bottom of most messages is row of links:
> Messages | Files | Photos | Links | Database | Polls | Calendar
> ^^^^^
> Click on Files, then look for RK3BU as a link. That should take you to a
> single link to a image file (JPG) That's the link you need to view the
> image. Most browsers will display jpgs without external help.
>
> The %20 is a space in the file name.
>
> The file may have been uploaded as a BMP but stored as a jpg (smaller)
> file.
>
>
>
>>> File : /RK3BU SW outdoor antenna/Sloper.bmp
>>> Uploaded by : alex_rk3bu <9976048@...>
>>> Description :
>>>
>>>
>

>
>
>

[Non-text portions of this message have been removed]

27982. Re: [FT897] New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-12 10:02:26 UTC
From: DavidN
Topic: 22 Message: 27982

With Firefox I use ADBLOCK PLUS to stop ads. It works very well and you can
manually block ads, animation, scripts etc that get through the filter.
Pages load a lot faster.....

.d. G4TUP/9H3CU.

On Sun, Oct 11, 2009 at 9:08 PM, Dean Gibson AE7Q <yahoo@...> wrote:

>
>
> To avoid people posting links to downloaded files, Yahoo! changes the
> link every few hours (or at least they used to), in which case it is
> FUTILE to post a link.
>
> Yahoo wants customers to NAVIGATE to the files section, and thereby view
> the ads in the navigation process. When you go direct you avoid the
> ads. Nice idea (and I agree with the thought), but against Yahoo!
> purpose of making money from ads.
>
> -- Dean
>
>
> On 2009-10-11 12:12, Finnigann wrote:
> > On Sun, 11 Oct 2009 13:36:10 -0400, Florentin Nastase <yo9bxc@...<yo9bxc%40yahoo.com>>
>
> > wrote:
> > >
> > >
> >> I accesed the URL and the response was...
> >>
> >> The requested file or directory is not found on the server.
> >>
> >> 73's
> >> Florentin YO9BXC.
> >>
> >>
> > >
> > >
> > Hmmm At the bottom of most messages is row of links:
> > Messages | Files | Photos | Links | Database | Polls | Calendar
> > ^^^^^
> > Click on Files, then look for RK3BU as a link. That should take you to a
> > single link to a image file (JPG) That's the link you need to view the
> > image. Most browsers will display jpgs without external help.
> > >
> > The %20 is a space in the file name.

> >
> > The file may have been uploaded as a BMP but stored as a jpg (smaller)
> > file.
> >
> >
> >
> >>> File : /RK3BU SW outdoor antenna/Sloper.bmp
> >>> Uploaded by : alex_rk3bu <9976048@... <9976048%40inbox.ru>>
> >>> Description :
> >>>
> >>>
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

27983. RE: [FT897] Re: Cutting off while transmitting

Yahoo group: FT897 (2009)
Date: 2009-10-13 03:12:44 UTC
From: Jeremy Dunman
Topic: 27960 Message: 27983

The problem was even more simple than I thought, the power cable going into the back of the radio had come loose from constant portable/mobile operations so tightened up the ends and has been working fine ever since. Thanks for the suggestions on fixing it.

73s

Jeremy

KD4LCR

Oklahoma

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Steve Yates
Sent: Thursday, October 08, 2009 12:44 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Cutting off while transmitting

Jeremy,

Many things to consider. I'll ask a few things that may help someone answer:

1. What are you using for a power supply?

2. What is the supply voltage when the radio cuts off?

3. Does the problem occur when transmitting into a dummy load?

4. Does the problem occur when the RF power output is turned way down?

5. Does it occur when only the microphone, DC power, and antenna are connected?

73,
Steve - AA5TB

[Non-text portions of this message have been removed]

27984. RE: [FT897] Re: Cutting off while transmitting

Yahoo group: FT897 (2009)
Date: 2009-10-13 03:14:24 UTC
From: Jeremy Dunman
Topic: 27960 Message: 27984

Bob,

That's what the problem was. Got this message after I fixed the problem. Apparently the mobile ops and portable ops have taken their toll on the plug so going to have to replace it soon but fixed it for now.. Thanks for the assistance!

73's

Jeremy

KD4LCR

Oklaohoma

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of taxman651
Sent: Thursday, October 08, 2009 6:47 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Cutting off while transmitting

Jerry,

Have you checked the integrity of the DC molex plug. I had a similar problem w/ my Icom 746pro which uses the same plug. The plug was ill fitting and very loose. Intermittently on TX the rig would shut off. I would have to hit the power button again to turn it on. I realized it was the plug and tightened up the prongs. I'll eventual replace it but the problem is gone for now.

Bob

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Jeremy Dunman" <kd4lcr@...> wrote:
>
> Hello everyone,
>
> Here is the problem, recently my FT-897 has started cutting off staying off
> for a second or two or sometimes even longer then cutting back on only while
> I am transmitting, it does it in all modes - PSK/RTTY/SSB. Thought at first
> it was RF getting back in to the radio via the CAT cable, removed them and
> still getting in there. Have a good Common Mode choke on the antenna, have
> several torroids on there and have torroids on the power supply as well,
> still cant figure out what is causing it. Any suggestions on what it may

be?
> I am going crazy here.
>
>
>
> Jeremy
>
> KD4LCR
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

27985. Reverse polarity damage?

Yahoo group: FT897 (2009)
Date: 2009-10-13 07:15:03 UTC
From: Geert Jan de Groot
Topic: 27985 Message: 27985

Has anyone ever had the misfortune to try and experiment what happens
if you reverse-polarize the radio? What broke?

Thanks,

Geert Jan
(bought a fixer-upper and worried that's what caused the damage)

27986. Re: [FT897] Reverse polarity damage?

Yahoo group: FT897 (2009)
Date: 2009-10-13 11:18:18 UTC
From: Michael Walker
Topic: 27985 Message: 27986

Usually the fuse in the power cord will blow as there is a reverse current diode inside the radio.

If that isn't the problem, then look inside for a blown inline diode in the power circuit.

If that isn't the problem, it now gets expensive. I have not looked at the service manual (which you are going to need), but the finals are usually no protected by much. Those might have shorted.

Did the owner say what happened?

Mike VA3MW

Geert Jan de Groot wrote:
>
>
>
> Has anyone ever had the misfortune to try and experiment what happens
> if you reverse-polarize the radio? What broke?
>
> Thanks,
>
> Geert Jan
> (bought a fixer-upper and worried that's what caused the damage)
>
>

[Non-text portions of this message have been removed]

27987. Using narrow cw filters

Yahoo group: FT897 (2009)
Date: 2009-10-13 19:38:34 UTC
From: w3bi2
Topic: 27987 Message: 27987

I installed a 300hz filter in position #2. Everything went fine but I am ashamed to say I don't know how to use it. I have looked the book all over and can't seem to find it. If someone could just give me the page number I will take it from there.

Thanks and 73,
Rick W3BI

27988. Re: [FT897] Using narrow cw filters

Yahoo group: FT897 (2009)
Date: 2009-10-13 19:43:27 UTC
From: Trixter aka Bret McDanel
Topic: 27987 Message: 27988

On Tue, 2009-10-13 at 19:38 +0000, w3bi2 wrote:
>
> I installed a 300hz filter in position #2. Everything went fine but I
> am ashamed to say I don't know how to use it. I have looked the book
> all over and can't seem to find it. If someone could just give me the
> page number I will take it from there.

Press F for less than 0.5 second (ie dont hold it, just tap it)
turn to menu MFn
you should see CFIL for 'A'

'B' lets you activate the filter in slot 1, 'C' lets you activate the
filter in slot 2.

'A' should be apparent as the internal ceramic filter.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

27989. RE: [FT897] Using narrow cw filters

Yahoo group: FT897 (2009)
Date: 2009-10-13 21:09:17 UTC
From: Rick Johnson
Topic: 27987 Message: 27989

I thank you very much....can you please tell me what page that is on.

Rick W3BI

To: FT897@yahoogroups.com
From: trixter@...
Date: Tue, 13 Oct 2009 12:43:27 -0700
Subject: Re: [FT897] Using narrow cw filters

On Tue, 2009-10-13 at 19:38 +0000, w3bi2 wrote:
>
> I installed a 300hz filter in position #2. Everything went fine but I
> am ashamed to say I don't know how to use it. I have looked the book
> all over and can't seem to find it. If someone could just give me the
> page number I will take it from there.

Press F for less than 0.5 second (ie dont hold it, just tap it)
turn to menu MFn
you should see CFIL for 'A'

'B' lets you activate the filter in slot 1, 'C' lets you activate the
filter in slot 2.

'A' should be apparent as the internal ceramic filter.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

[Non-text portions of this message have been removed]

27990. RE: [FT897] Using narrow cw filters

Yahoo group: FT897 (2009)
Date: 2009-10-13 21:09:39 UTC
From: Rick Johnson
Topic: 27987 Message: 27990

I thank you very much....can you please tell me what page that is on.

Rick W3BI

To: FT897@yahoogroups.com
From: trixter@...
Date: Tue, 13 Oct 2009 12:43:27 -0700
Subject: Re: [FT897] Using narrow cw filters

On Tue, 2009-10-13 at 19:38 +0000, w3bi2 wrote:
>
> I installed a 300hz filter in position #2. Everything went fine but I
> am ashamed to say I don't know how to use it. I have looked the book
> all over and can't seem to find it. If someone could just give me the
> page number I will take it from there.

Press F for less than 0.5 second (ie dont hold it, just tap it)
turn to menu MFn
you should see CFIL for 'A'

'B' lets you activate the filter in slot 1, 'C' lets you activate the
filter in slot 2.

'A' should be apparent as the internal ceramic filter.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/177141665/direct/01/

[Non-text portions of this message have been removed]

27991. AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-14 12:32:41 UTC
From: ringmaster452000
Topic: 27991 Message: 27991

Hello all, I have had my 897-D for about 5 years, and I really love this rig. I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp

27992. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-14 14:47:26 UTC
From: dek2ty
Topic: 27991 Message: 27992

I had initially responded to say that the menu should be set to TUN but after looking at the manual: http://www.ldgelectronics.com/assets/manuals/AT-897PlusManual.pdf , I see that you have it correct. I did notice that it requires a 9600 baud rate. If you already have the baud rate set to 9600 in menu #19, I'd try turning menu #85 OFF/TUNER/ATAS to tuner and see what happens.

K2TY

--- In FT897@yahoogroups.com, "ringmaster452000" <kc0kbp@...> wrote:
>
> Hello all, I have had my 897-D for about 5 years, and I really love this rig. I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp
>

27993. Re: [FT897] AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-14 15:35:36 UTC
From: Finnigann
Topic: 27991 Message: 27993

On Wed, 14 Oct 2009 08:32:41 -0400, ringmaster452000
<kc0kbp@...> wrote:

> Hello all, I have had my 897-D for about 5 years, and I really love this
> rig. I just recently added a AT-897 to it and I am having trouble
> getting it to work. I am hoping that it is just a menu setting or
> something simple like that. I got the tuner used and I am hoping that I
> am just missing a small bit. I have the menu #20 set to CAT and menu #85
> in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp
>

If the connecting cable goes to the CAT port (on the back side of the
radio) then it seems the radio should be set to tuner.
Menu item 85 sounds right.

I don't have this particular setup but that's how it looks to me (from the
balcony)

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

27994. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-14 15:51:02 UTC
From: KJ9B
Topic: 27991 Message: 27994

The menu settings on the 897 make no difference to the tuner. It only uses the CAT jack to power the circuitry in the tuner. Did you receive the small 1/8" phone plug jumper with your tuner? That has to be plugged in from the ACC jack on the radio to the mating jack on the tuner. If you have this cable, it should be marked, with one end marked "radio", and the other marked "tuner". Be sure to observe these markings. The two ends of the cable are wired differently, and therefore won't work if incorrectly installed.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "ringmaster452000" <kc0kbp@...> wrote:
>
> Hello all, I have had my 897-D for about 5 years, and I really love this rig. I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp
>

27995. Getting menu 032

Yahoo group: FT897 (2009)
Date: 2009-10-14 18:44:56 UTC
From: w3bi2
Topic: 27995 Message: 27995

Thanks to trixter for answering my first question.

Second question: How do I get menue item 032 to show. I am in cw mode, and push the "F" key for more than .5 sec .. I can see item 030 and I advance the MEM/VFO CH knob and the reading goes to 033. What am I missing here?

73,
Rick W3BI

27996. Re: [FT897] Getting menu 032

Yahoo group: FT897 (2009)
Date: 2009-10-14 19:05:12 UTC
From: k5wlf@rebelwolf.com
Topic: 27996 Message: 27996

In Menu 001 set EXT MENU to "ON"

73,
ldb
K5WLF

> -------Original Message-------
> From: w3bi2 <w3bi.rick@...>
> Subject: [FT897] Getting menu 032
> Sent: 14 Oct '09 12:44
>
> Thanks to trixter for answering my first question.
>
> Second question:??How do I get menue item 032 to show. I am in cw mode, and push the "F" key for more than .5 sec ..??I can see item 030 and I advance the MEM/VFO CH knob and the reading goes to 033. What am I missing here?
>
> 73,
> Rick W3BI

27997. Re: Getting menu 032

Yahoo group: FT897 (2009)
Date: 2009-10-14 20:29:33 UTC
From: w3bi2
Topic: 27996 Message: 27997

Thank you sir....all these little tidbits hidden in plain sight.

73,

Rick, W3BI

--- In FT897@yahoogroups.com, <k5wlf@...> wrote:
>
> In Menu 001 set EXT MENU to "ON"
>
> 73,
> ldb
> K5WLF
>
>
>
> > -------Original Message-------
> > From: w3bi2 w3bi.rick@...
> > Subject: [FT897] Getting menu 032
> > Sent: 14 Oct '09 12:44
> >
> > Thanks to trixter for answering my first question.
> >
> > Second question: How do I get menue item 032 to show. I am in cw
mode, and push the "F" key for more than .5 sec .. I can see item 030
and I advance the MEM/VFO CH knob and the reading goes to 033. What am I
missing here?
> >
> > 73,
> > Rick W3BI
>

27998. Re: [FT897] Re: Getting menu 032

Yahoo group: FT897 (2009)
Date: 2009-10-15 01:26:15 UTC
From: Larry D. Barr, K5WLF
Topic: 27996 Message: 27998

Glad to help

73,
ldb
K5WLF

w3bi2 wrote:
> Thank you sir....all these little tidbits hidden in plain sight.
>
> 73,
>
> Rick, W3BI
>
>
> --- In FT897@yahoogroups.com, <k5wlf@...> wrote:
>> In Menu 001 set EXT MENU to "ON"
>>
>> 73,
>> ldb
>> K5WLF
>>
>>
>>
>>> -------Original Message-------
>>> From: w3bi2 w3bi.rick@...
>>> Subject: [FT897] Getting menu 032
>>> Sent: 14 Oct '09 12:44
>>>
>>> Thanks to trixter for answering my first question.
>>>
>>> Second question: How do I get menue item 032 to show. I am in cw
> mode, and push the "F" key for more than .5 sec .. I can see item 030
> and I advance the MEM/VFO CH knob and the reading goes to 033. What am I
> missing here?
>>> 73,
>>> Rick W3BI

27999. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-16 05:30:09 UTC
From: ringmaster452000
Topic: 27991 Message: 27999

Ken, Thanks for the reply... I have checked and re-checked, and I think that there might be something wrong in the CAT cable...That would be the only other thing that I think would be causing the trouble....I appreciate your effort. Cheers, Bob

--- In FT897@yahoogroups.com, "KJ9B" <kj9b@...> wrote:
>
> The menu settings on the 897 make no difference to the tuner. It only uses the CAT jack to power the circuitry in the tuner. Did you receive the small 1/8" phone plug jumper with your tuner? That has to be plugged in from the ACC jack on the radio to the mating jack on the tuner. If you have this cable, it should be marked, with one end marked "radio", and the other marked "tuner". Be sure to observe these markings. The two ends of the cable are wired differently, and therefore won't work if incorrectly installed.
>
> 73,
> Ken
> KJ9B
>
>
> > >
I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? >

28000. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-16 11:16:34 UTC
From: KJ9B
Topic: 27991 Message: 28000

No problem Bob. One thing you might check is to make sure the CAT cable is seating correctly on the radio end. The CAT receptacle is recessed, and isn't excessively large. Some folks (me included) have had to "shave" some of the trim on the CAT cable to make it's diameter small enough to fit in the trim of the radio receptacle.

Good Luck.

73,
Ken
KJ9B

--- In FT897@yahoogroups.com, "ringmaster452000" <kc0kbp@...> wrote:
>
> Ken, Thanks for the reply... I have checked and re-checked, and I think that there might be something wrong in the CAT cable...That would be the only other thing that I think would be causing the trouble....I appreciate your effort. Cheers, Bob
>

28001. VFO knob loose?

Yahoo group: FT897 (2009)
Date: 2009-10-16 11:46:26 UTC
From: Matt Patterson
Topic: 27991 Message: 28001

Hi Everyone,

Does anyone else have a problem with their VFO knob being loose? Just the knob itself. On my radio it doesn't seem like it wants to stay on although it has never fallen off and sometime makes a squeaking noise when you turn it.

73 Matt

W5LL

[Non-text portions of this message have been removed]

28002. RE: [FT897] VFO knob loose?

Yahoo group: FT897 (2009)
Date: 2009-10-16 15:47:32 UTC
From: Dennis
Topic: 27991 Message: 28002

Take the rubber ring off the knob. Underneath you will find a small hole where the set screw is. You can use an Allen Key to tighten. I believe it is a very small metric size.

Dennis - N8BMB

[Non-text portions of this message have been removed]

28003. OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-16 17:53:23 UTC
From: Josh Smith
Topic: 28003 Message: 28003

Everyone,
I know this is slightly (mostly??) off topic but I am in the market for a USB to RS-232 adapter for use with my radios (ft-897d and th-d7ag). My main requirement be that it works with Linux. Can any of you make a recommendation?

Thanks,
Josh Smith
KD8HRX
email/jabber: juicewvu@...
phone: 304.237.9369(c)

28004. Re: OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-16 19:49:22 UTC
From: rschaffrath
Topic: 28003 Message: 28004

Any device that uses the Prolific PL-2303 serial chip. There is Linux driver source code available for that chip. I have a USB to CAT cable that has the PL-2303 integrated into the cable. Has drivers available for XP, Vista and Windows 7 in both 32-bit and 64-bit flavor (plus the Linux ones mentioned).

Robert, N2JTX

--- In FT897@yahoogroups.com, Josh Smith <juicewvu@...> wrote:
>
> Everyone,
> I know this is slightly (mostly??) off topic but I am in the market
> for a USB to RS-232 adapter for use with my radios (ft-897d and
> th-d7ag). My main requirement be that it works with Linux. Can any
> of you make a recommendation?
>
>
> Thanks,
> Josh Smith
> KD8HRX
> email/jabber: juicewvu@...
> phone: 304.237.9369(c)
>

28005. for those using digital modes with their ft-897

Yahoo group: FT897 (2009)
Date: 2009-10-17 02:00:01 UTC
From: Don
Topic: 28005 Message: 28005

GE,
For those using the ft-897 for digital modes please give a look over to a new spot page dedicated to digital ops and digital spots only.

http://www.hamspots.net/home/

http://www.eham.net/links/rating/11101

Thanks
Don kb9umt
http://www.30mdg.net

28006. AGC "OFF" muting signals ?

Yahoo group: FT897 (2009)
Date: 2009-10-17 05:34:59 UTC
From: dk5ew
Topic: 28006 Message: 28006

Hi group,
I'm doing with my FT-897D WSJT on 144MHz in JT65b mode EME moon bouncing. As recommended I switched off the AGC.
What I determined is that with AGC off the signals is very muted.
Is that normal ? Or is it a particularity of the 897D.
I didn't noticed that effect on my IC-7400 I had.

73's Erwin/DK5EW
http://www.qslnet.de/member/dk5ew/

28007. Re: [FT897] AGC "OFF" muting signals ?

Yahoo group: FT897 (2009)
Date: 2009-10-17 10:06:48 UTC
From: "Prof.Dr.Dr.S.J.Pöppl"
Topic: 28006 Message: 28007

Hi Erwin,

look at the FT-897D Operating Manual page 25 and
the circuit drawings available with the transceiver.
Best regards
Siegi DJ7QJ

dk5ew schrieb:
>
>
> Hi group,
> I'm doing with my FT-897D WSJT on 144MHz in JT65b mode EME moon
> bouncing. As recommended I switched off the AGC.
> What I determined is that with AGC off the signals is very muted.
> Is that normal ? Or is it a particularity of the 897D.
> I didn't noticed that effect on my IC-7400 I had.
>
> 73's Erwin/DK5EW
> http://www.qslnet.de/member/dk5ew/ <http://www.qslnet.de/member/dk5ew/>
>
>

[Non-text portions of this message have been removed]

28008. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-17 17:52:13 UTC
From: markwilliamlee
Topic: 27991 Message: 28008

Hello Bob,
I expect you know that you have to hold the button in for a while before it will tune.
Just thought I'd mention it just it case.
Also you can also check that there is power on the cat port by poking in a small piece of wire into the hole and measuring with a meter.
There is a fuse inside that can't blow.

Mark
G0LXV

> Hello all, I have had my 897-D for about 5 years, and I really love this rig. I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp
>

28009. Re: AGC "OFF" muting signals ?

Yahoo group: FT897 (2009)
Date: 2009-10-17 18:42:17 UTC
From: dk5ew
Topic: 28006 Message: 28009

Hi Siegfried,
reading the stuff on page 25 I don't see something they wrote about muting on 144MHz when AGC is off.

On page 24 they write something about the AGC but also not related to 144MHz.

I read something about IPO function but this is HF related.
Is it possible you explain what you found out or understand according my question ?

Thank you very much !

Best 73's
Erwin/DK5EW

--- In FT897@yahoogroups.com, "Prof.Dr.Dr.S.J.Pöppl" <dj7qj@...> wrote:
>
> Hi Erwin,
>
> look at the FT-897D Operating Manual page 25 and
> the circuit drawings available with the transceiver.
> Best regards
> Siegi DJ7QJ
>
>
>
>
> dk5ew schrieb:
> >
> >
> > Hi group,
> > I'm doing with my FT-897D WSJT on 144MHz in JT65b mode EME moon
> > bouncing. As recommended I switched off the AGC.
> > What I determined is that with AGC off the signals is very muted.
> > Is that normal ? Or is it a particularity of the 897D.
> > I didn't noticed that effect on my IC-7400 I had.
> >
> > 73's Erwin/DK5EW
> > http://www.qslnet.de/member/dk5ew/ <http://www.qslnet.de/member/dk5ew/>
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

28010. Re: [FT897] OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-17 21:00:52 UTC
From: Keith
Topic: 28003 Message: 28010

----- Original Message -----
From: "Josh Smith" <juicewvu@...>
To: "AMSAT-BB@..." <amsat-bb@...>; <FT897@yahoogroups.com>
Sent: Friday, October 16, 2009 10:53 AM
Subject: [FT897] OT: USB - RS-232 Adapter

> Everyone,
> I know this is slightly (mostly??) off topic but I am in the market
> for a USB to RS-232 adapter for use with my radios (ft-897d and
> th-d7ag). My main requirement be that it works with Linux. Can any
> of you make a recommendation?
>
>
> Thanks,
> Josh Smith
> KD8HRX
> email/jabber: juicewvu@...
> phone: 304.237.9369(c)
>

I have been using the FTDI series of USB serial adaptors with great success
on Win, Linux and Mac for several years. With prolific at high speeds or
extended periods of use it became unstable or unusable. FTDI supports the
Mac, Linux & win systems 100%.
http://www.ftdichip.com/
http://www.ftdichip.com/Drivers/VCP.htm

I can use the FTDI USB adaptors 100 % at 115k with no problems.

HTH

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

28011. Re: [FT897] OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-17 21:05:06 UTC
From: Trixter aka Bret McDanel
Topic: 28003 Message: 28011

On Sat, 2009-10-17 at 14:00 -0700, Keith wrote:
>
> > Everyone,
> > I know this is slightly (mostly??) off topic but I am in the market
> > for a USB to RS-232 adapter for use with my radios (ft-897d and
> > th-d7ag). My main requirement be that it works with Linux. Can any
> > of you make a recommendation?
> >
>
> I have been using the FTDI series of USB serial adaptors with great
> success
> on Win, Linux and Mac for several years. With prolific at high speeds
> or
> extended periods of use it became unstable or unusable. FTDI supports
> the
> Mac, Linux & win systems 100%.
> http://www.ftdichip.com/

additionally anything based on the pl2303 chip works with linux. I use
generic ones that I got off dealextreme.com for about $5.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28012. Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 02:21:16 UTC
From: Gary
Topic: 1360 Message: 28012

could someone tell me what kind of mic that work good on the FT897D.
I use a heil mic on my FT1000d MC10. will it work good on this radio

WW8O Gary

28013. RE: [FT897] CT-62?

Yahoo group: FT897 (2009)
Date: 2009-10-18 02:24:28 UTC
From: Matt Patterson
Topic: 27964 Message: 28013

Received mine the other day. Worked FB first time out. Nice being able to use HRD and forego most of the menus.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jeremy Dunman
Sent: Saturday, October 10, 2009 1:38 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] CT-62?

I have had one from Valley for a while and all I can say is I love it.. Don't have to worry about setting it up work with a serial adapter makes life so much easier..

73

Jeremy

KD4LCR

From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of Matt
Patterson
Sent: Friday, October 09, 2009 2:55 PM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: RE: [FT897] CT-62?

Thanks for the heads up. I just purchased one from them. We'll see how it works.

73 Matt
W5LL

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com> [mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>] On Behalf Of
Finnigann
Sent: Friday, October 09, 2009 10:48 AM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> <mailto:FT897%40yahoogroups.com>
Subject: [FT897] CT-62?

There was some messages awhile ago about the CT62 cable. I found this
today (dunno if it was over looked before, or this is a new item).

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406
..html

I don't have one, never used one. But it was interesting nontheless.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28014. Re: Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 05:48:11 UTC
From: dk5ew
Topic: 1360 Message: 28014

I use a Heil set pro - working great.

--- In FT897@yahoogroups.com, "Gary" <ww8o@...> wrote:
>
> could someone tell me what kind of mic that work good on the FT897D.
> I use a heil mic on my FT1000d MC10. will it work good on this radio
>
>
> WW8O Gary
>

28015. Re: [FT897] Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 05:54:02 UTC
From: Larry D. Barr, K5WLF
Topic: 1360 Message: 28015

My Heil ProSet works great with my FT-897Ds

73,
ldb
K5WLF

Gary wrote:
> could someone tell me what kind of mic that work good on the FT897D.
> I use a heil mic on my FT1000d MC10. will it work good on this radio
>
>
> WW8O Gary

28016. Re: VFO knob loose?

Yahoo group: FT897 (2009)
Date: 2009-10-18 06:46:06 UTC
From: MarkL
Topic: 27991 Message: 28016

Matt,

Yes, I have had this condition happen. My experience was when I took the FT-897 up on a camping trip this past summer and had it in the top box of my Goldwing. Seems the Honda isn't as smooth as once believed. There is a spring behind the tuning knob that applies tension to the tuning shaft and knob. Sometimes it will "slip" and lose tension.

You will have to take off the tuning knob to adjust this tension spring. As the other replier to your initial query mentioned you do have to take off the outer rubber ring to access the tuning knob's set screws. However, the knob's set screws are TORX screws and can be loosened with a TORX T-6 tool. Once you remove the knob adjust the tension spring on the tuning shaft to remove the slop in the shaft.

Return the knob back to the tuning shaft & the rubber ring back to the shaft and you should be back in business.

Regards,
Mark (NM7L)

28017. Re: [FT897] Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 14:07:10 UTC
From: Bill Barbee
Topic: 1360 Message: 28017

Gary wrote:

>could someone tell me what kind of mic that work good on the FT897D.
>I use a heil mic on my FT1000d MC10. will it work good on this radio
>
>
>WW8O Gary
>
>I use a Heil HM-10 on my FT897D...works great.
>
>
Bill W5LV

>-----------------------------------
>
>Yahoo! Groups Links
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28018. Re: [FT897] Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 15:13:23 UTC
From: Chris Baker
Topic: 1360 Message: 28018

I use a heil plus4 and its great (Oh and the BM10 at times!!) so go for it. you might need to play with the settings (look on the heil site for basic settings!)

Thanks

Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1TG4LDS@...

--- On Sun, 18/10/09, Gary <ww8o@verizon.net> wrote:

From: Gary <ww8o@...>
Subject: [FT897] Mic
To: FT897@yahoogroups.com
Date: Sunday, 18 October, 2009, 3:21 AM

could someone tell me what kind of mic that work good on the FT897D.

I use a heil mic on my FT1000d MC10. will it work good on this radio

WW8O Gary

[Non-text portions of this message have been removed]

28019. Re: AGC "OFF" muting signals ?

Yahoo group: FT897 (2009)
Date: 2009-10-18 21:15:18 UTC
From: Steve Yates
Topic: 28006 Message: 28019

Hi Erwin,

I would say that it is not normal. If the noise is too strong I get some detector distortion of course with the AGC off but no muting effect.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "dk5ew" <wini.witt@...> wrote:
>
> Hi group,
> I'm doing with my FT-897D WSJT on 144MHz in JT65b mode EME moon bouncing. As recommended I switched off the AGC.
> What I determined is that with AGC off the signals is very muted.
> Is that normal ? Or is it a particularity of the 897D.
> I didn't noticed that effect on my IC-7400 I had.
>
> 73's Erwin/DK5EW
> http://www.qslnet.de/member/dk5ew/
>

28020. Re: [FT897] VFO knob loose?

Yahoo group: FT897 (2009)
Date: 2009-10-16 13:26:54 UTC
From: beharper2001@yahoo.com
Topic: 27991 Message: 28020

Never had that problem. I have used a dad of rtv before not enough to really glue it on. Just enough to take the looseness out of if

Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "Matt Patterson" <mattpatt@...>
Date: Fri, 16 Oct 2009 06:46:26
To: <FT897@yahoogroups.com>
Subject: [FT897] VFO knob loose?

Hi Everyone,

Does anyone else have a problem with their VFO knob being loose? Just the knob itself. On my radio it doesn't seem like it wants to stay on although it has never fallen off and sometime makes a squeaking noise when you turn it.

73 Matt

W5LL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28021. Wtd FP-70 AC Supply, Trd FNB-78 Battery. Internal Ant Tuner?

Yahoo group: FT897 (2009)
Date: 2009-10-16 13:41:59 UTC
From: spike.dennis
Topic: 27991 Message: 28021

I have decided that the FT-897 is not quite the portable radio that Yaesu professes. So, I think I'll convert one of mine to more a portable 'station' radio buy installing a power supply in it. I'll have an extra FNB-78 battery. to trade towards a FP-30 AC power supply

Has anybody installed an internal auto-tuner into their FT-897? I wonder which ones might fit &/or the best choice for such project? I have an LDG-897 on one of my radios but the cabinet is a bit cheesy & fragile, and adds quite a bit of bulk to the project. I've not checked but it looks like the LDG-897 board is too long to try & fit inside the 897?

This is my second attempt at posting this message. I hope it goes threw this time.

Please reply off list via direct email regard any available accessories.

Thanks
spike.dennis@...

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

28022. Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-11 10:44:31 UTC
From: John Taylor
Topic: 28022 Message: 28022

Hi,
Could anyone please help - I'm new to this radio and am probably doing something stupid!?

On pressing the "F" key and holding it, I can get some but not all of the menu mode items e.g. I can only see 001, 005, 006, 007, 014 etc and so can't set up the CW training on 031 as it doesn't seem to be there.

Many thanks,
John

[Non-text portions of this message have been removed]

28023. Optional Mic MH-59A8J

Yahoo group: FT897 (2009)
Date: 2009-10-18 16:13:41 UTC
From: edhayes79
Topic: 28023 Message: 28023

I am considering buying the optional MH-59A8J microphone and I have two questions. Is it worth the $80.00 purchase price and are the numbers back-lit? Thnak you for your response. Ed.

28024. MH-59a8j Microphone

Yahoo group: FT897 (2009)
Date: 2009-10-18 03:32:52 UTC
From: edhayes79
Topic: 28024 Message: 28024

I am considering buying a MH-59A8J for my FT-897. My question - is it back-lit and if so, is it switchable or is it always on? Thank you, Ed

28025. Wanted FP-30 power supply, Trade FNB-78 battery. Internal Antenna Tuner?

Yahoo group: FT897 (2009)
Date: 2009-10-15 13:48:05 UTC
From: spike.dennis
Topic: 28025 Message: 28025

I have decided that the FT-897 is not the portable radio that was advertised. As such I'd like to convert it to more a transportable station. In that light I have no need for the internal battery, but do need the a power supply.

Anybody interested in a trade please contact me off list at:
spike.dennis@...

Has anyone done a nice installation of an antenna tuner inside the FT-897? How did it work? What tuner did you use? I currently have an LDG-897 tuner mounted to one of my 897's but that adds quite a bit of bulk to the radio & the LDG tuner is a bit fragile & has a rather cheesy looking cabinet.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5(alt 5371.5), 7296, 14342.5, 18157.5

28026. VFO Problem

Yahoo group: FT897 (2009)
Date: 2009-10-11 20:33:35 UTC
From: blky4u@att.net
Topic: 28026 Message: 28026

I have a FT-897D that has a problem...The main tuning has quit working...I cannot change freq's or change settings in the menu...all other features work ok...Anyone else had this problem??....Could it be the optical encoder.....
Tnx in advance for any help.....de Bill.....KY4U

28027. Re: [FT897] OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-16 19:02:04 UTC
From: George Gibbons
Topic: 28003 Message: 28027

I've used the Belkin F5U109 (may be FSU109) on a couple of computers with my Yaesu radios. The CD that came with it specifies drives for Windows and Mac OS. Check it out.

George Gibbons (KE7DDX)

--- On Fri, 10/16/09, Josh Smith <juicewvu@...> wrote:

From: Josh Smith <juicewvu@...>
Subject: [FT897] OT: USB - RS-232 Adapter
To: "AMSAT-BB@..." <amsat-bb@...>, FT897@yahoogroups.com
Date: Friday, October 16, 2009, 10:53 AM

Everyone,
I know this is slightly (mostly??) off topic but I am in the market
for a USB to RS-232 adapter for use with my radios (ft-897d and
th-d7ag). My main requirement be that it works with Linux. Can any
of you make a recommendation?

Thanks,
Josh Smith
KD8HRX
email/jabber: juicewvu@gmail. com
phone: 304.237.9369(c)

[Non-text portions of this message have been removed]

28028. Vehicle mounting

Yahoo group: FT897 (2009)
Date: 2009-10-18 14:25:43 UTC
From: beharper2001
Topic: 28028 Message: 28028

I was wondering if anyone had any good ideas regarding mounting an 897 with the ldg tuner attached. Its a 1985 ford automatic trans with plenty of floor board room. I was thinking of making a pedistal that could swival a bit. But before I reinvent the wheel I thought I would check. There doesnt seem to be a great (Under the dash) location. Any thoughts would be great.

Thanks
KD0HJN

28029. Re: AT-897 menu settings.

Yahoo group: FT897 (2009)
Date: 2009-10-17 18:31:45 UTC
From: whyme2@rocketmail.com
Topic: 27991 Message: 28029

Had the same problem and come to find out the tuner likes 4800baud better than 9600baud. Try it you'll like it.

Nate NA6TE

--- In FT897@yahoogroups.com, "markwilliamlee" <markwlee@...> wrote:
>
> Hello Bob,
> I expect you know that you have to hold the button in for a while before it will tune.
> Just thought I'd mention it just it case.
> Also you can also check that there is power on the cat port by poking in a small piece of wire into the hole and measuring with a meter.
> There is a fuse inside that can't blow.
>
> Mark
> G0LXV
>
>
> > Hello all, I have had my 897-D for about 5 years, and I really love this rig. I just recently added a AT-897 to it and I am having trouble getting it to work. I am hoping that it is just a menu setting or something simple like that. I got the tuner used and I am hoping that I am just missing a small bit. I have the menu #20 set to CAT and menu #85 in the OFF position. Any Ideas??? Thanks for the help. Cheers, Bob kc0kbp
> >
>

28030. Re: Mic

Yahoo group: FT897 (2009)
Date: 2009-10-18 20:35:30 UTC
From: Domaci
Topic: 1360 Message: 28030

Hi Guys...

What is a best way to hook up classic dynamic Mic to Ft-897D...
My Mic is mono and it has 5 mm end connector.. and it is
a concert quality Mic. I know how to use a solder gun...

thank you...
OM3TLP Peter L.

--- In FT897@yahoogroups.com, Chris Baker <honywood@...> wrote:
>
> I use a heil plus4 and its great (Oh and the BM10 at times!!) so go for it. you might need to play with the settings (look on the heil site for basic settings!)
>
> Thanks
>
> Chris Baker B.A. Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1TG4LDS@...
>
> --- On Sun, 18/10/09, Gary <ww8o@...> wrote:
>
> From: Gary <ww8o@...>
> Subject: [FT897] Mic
> To: FT897@yahoogroups.com
> Date: Sunday, 18 October, 2009, 3:21 AM
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> could someone tell me what kind of mic that work good on the FT897D.
>
> I use a heil mic on my FT1000d MC10. will it work good on this radio
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>
> WW8O Gary
>
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> [Non-text portions of this message have been removed]
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28031. Re: VFO knob loose?

Yahoo group: FT897 (2009)
Date: 2009-10-16 13:17:40 UTC
From: spike.dennis
Topic: 27991 Message: 28031

My VFO knob fell off when removing it from the box when I first purchased it. You can remove the rubber non-skid around the outside edge & tighten the set screw.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

28032. Main Dial Problem

Yahoo group: FT897 (2009)
Date: 2009-10-18 02:33:50 UTC
From: stan.leeson
Topic: 28032 Message: 28032

My FT897-D developed and interesting problem, and I want to see if others have experience this. Yesterday, the tuning and menu selection with the main dial was twitchy. Sometimes it would work and sometimes it would not. Today, while I was working some DX, it just quit working completely. Everything else seems to work, but the main dial has no effect. The good news is that it is only three months old and should be under warranty. Has anyone seen this sort of problem, and what was the resolution of the problem?

28033. Getting bad audio reports with Heil Proset Plus

Yahoo group: FT897 (2009)
Date: 2009-10-13 20:09:24 UTC
From: Bill All
Topic: 22 Message: 28033

I recently purchased the FT-897 and a Heil Proset Plus Headset/microphone with the 2 position switch Full Range/ DX on the mike boom. Right away I started getting reports that my audio was not "bassy" enough. The stock Yaesu mike MH-31 sounded a lot better on position 2. I have not turned the audio compression on and have reduced the audio gain menu from 50 (default) to 30 and have verified the Heli switch is on Full Range, but people still tell me the stock mike sounds better than the Heil. Did I get a bad Heil set or is there a setting somewhere in the 897 menu that I haven't found yet?

Your thoughts?

Bill - N3KKM

28034. Automatic(?) radio close down

Yahoo group: FT897 (2009)
Date: 2009-10-16 18:37:01 UTC
From: gm7gax
Topic: 28034 Message: 28034

I had just tuned in my dipole using a Z100 auto ATU, I then sent some psk31 data and the next time I tried to sedn the radio just closed down, any thoughts?

Bobby
GM7GAX

28035. high vswr flicks on

Yahoo group: FT897 (2009)
Date: 2009-10-10 14:58:15 UTC
From: vk2faja
Topic: 28035 Message: 28035

Hi eveyone
i think i mite have a problem with the radio or it mite be my antenna
talking to someone on 2 meters ssb and a dead key (no voice) the high swr with very quick come and go off again has anyone else seen these is it radio or antenna??? As fair as i know it does not happen on 70cm ssb 6 dont ask me about since i cant use 6 yet and doesnt do it on hf with tuner running or not

73
Adam VK2FAJA

28036. Re: [FT897] Optional Mic MH-59A8J

Yahoo group: FT897 (2009)
Date: 2009-10-18 23:55:26 UTC
From: Trixter aka Bret McDanel
Topic: 28023 Message: 28036

On Sun, 2009-10-18 at 16:13 +0000, edhayes79 wrote:
>
> I am considering buying the optional MH-59A8J microphone and I have
> two questions. Is it worth the $80.00 purchase price and are the
> numbers back-lit? Thnak you for your response. Ed.
>
>
I have the mh-59 mic and I like the fact that I can control the radio
from it. I also like how it works as a morse keyer (when set on the
radio you can use the top two up/down buttons for dit/dah). So it
depends on what you want.

Mine the numbers are backlit but the "black" buttons (and the one orange
round one) are not backlit.

Whether or not its worth the $80 is something only you can answer.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28037. Re: [FT897] MH-59a8j Microphone

Yahoo group: FT897 (2009)
Date: 2009-10-18 23:56:12 UTC
From: Trixter aka Bret McDanel
Topic: 28024 Message: 28037

On Sun, 2009-10-18 at 03:32 +0000, edhayes79 wrote:
>
> I am considering buying a MH-59A8J for my FT-897. My question - is it
> back-lit and if so, is it switchable or is it always on? Thank you, Ed
>

afaik its always on for the numbers and ABCD, if its switchable I havent
seen that option.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28038. Re: [FT897] VFO Problem

Yahoo group: FT897 (2009)
Date: 2009-10-19 00:45:06 UTC
From: beharper2001@yahoo.com
Topic: 28026 Message: 28038

Mine does that from time to time. I believe its one of the menu settings or the lock. Look at the lock first I will look later for the setting

Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: "blky4u@..." <blky4u@...>
Date: Sun, 11 Oct 2009 20:33:35
To: <FT897@yahoogroups.com>
Subject: [FT897] VFO Problem

I have a FT-897D that has a problem...The main tuning has quit working...I cannot change freq's or change settings in the menu...all other features work ok...Anyone else had this problem??....Could it be the optical encoder.....
Tnx in advance for any help.....de Bill.....KY4U

[Non-text portions of this message have been removed]

28039. Re: [FT897] Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-19 00:50:54 UTC
From: Finnigann
Topic: 28022 Message: 28039

On Sun, 11 Oct 2009 06:44:31 -0400, John Taylor <g8dyk@...> wrote:

> Hi,
> Could anyone please help - I'm new to this radio and am probably doing
> something stupid!?
> ?
> On pressing the "F" key and holding it, I can get some but not all of
> the menu mode items
> e.g. I can only see 001, 005, 006, 007, 014?etc? and so can't set up the
> CW training on 031 as it doesn't seem to be there.
> ?
> Many thanks,
> John
> ?
>

Menu item 001 is the key. Turn it on (some wine and flowers or candy) and
you'll get the rest.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28040. RE: [FT897] Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-19 01:05:15 UTC
From: eric@van-de-weyer.org
Topic: 28022 Message: 28040

Hi John,

this one comes up regularly. Turn menu 001 to ON and all the others will
be available. It comes set to OFF as standard which hides many of the less
often needed menus so that you can scroll through the more often used menus
more quickly.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: John Taylor <g8dyk@...>
>Date: Sun, 11 Oct 2009 03:44:31 -0700 (PDT)
>Subject: [FT897] Menu Access\ CW Training
>Reply-To: FT897@yahoogroups.com
>
>
>Hi,
>Could anyone please help - I'm new to this radio and am probably doing something
>stupid!?
>?
>On pressing the "F" key and holding it, I can get some but not all of the
>menu mode items
>e.g. I can only see 001, 005, 006, 007, 014?etc? and so can't set up the
>CW training on 031 as it doesn't seem to be there.
>?
>Many thanks,
>John
>?
>
>
>
>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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28041. Re: [FT897] Vehicle mounting

Yahoo group: FT897 (2009)
Date: 2009-10-19 01:14:57 UTC
From: tailfeathers
Topic: 28028 Message: 28041

I use a boat seat pedestal...I have an extra base on my bench when I bring the rig in...I put a pic in the photos section labeled pedestal mount...
http://groups.yahoo.com/group/FT897/photos/album/1759202460/pic/1597539485/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

Gary
n8gsj

beharper2001 wrote:
> I was wondering if anyone had any good ideas regarding mounting an 897 with the ldg tuner attached. Its a 1985 ford automatic trans with plenty of floor board room. I was thinking of making a pedistal that could swival a bit. But before I reinvent the wheel I thought I would check. There doesnt seem to be a great (Under the dash) location. Any thoughts would be great.
>
> Thanks
> KD0HJN
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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>
>
>
> --
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.422 / Virus Database: 270.14.20/2444 - Release Date: 10/18/09 09:04:00
>
>

_____
Weight Loss Program
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2141/c?cp=ZRiast6YZ4wWqkZ_z1Yp6gAAJ1BGa6ejTVXr4Gi35pj1YZbJAAYAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAEUgAAAAA=

28042. Re: OT: USB - RS-232 Adapter

Yahoo group: FT897 (2009)
Date: 2009-10-19 01:26:13 UTC
From: rschaffrath
Topic: 28003 Message: 28042

F5U109 is the correct Belkin part number. However, they do not have Linux drivers. Also, the drivers that come on the CD and that are on the Belkin website are garbage. They will cause random blue screen's on XP (can't vouch for Vista). You have to get the latest drivers from the Magic Control Technology web site (the makers of the serial chip that is inside the Belkin device). The URL is http://www.mct.com.tw/web_c/html/technology_2.asp?ParentCID=0001 and you need the U232-P9 drivers.

Robert, N2JTX

--- In FT897@yahoogroups.com, George Gibbons <grgibb51@...> wrote:
>
> I've used the Belkin F5U109 (may be FSU109) on a couple of computers with my Yaesu radios. The CD that came with it specifies drives for Windows and Mac OS. Check it out.
>
> George Gibbons (KE7DDX)
>
> --- On Fri, 10/16/09, Josh Smith <juicewvu@...> wrote:
>
>
> From: Josh Smith <juicewvu@...>
> Subject: [FT897] OT: USB - RS-232 Adapter
> To: "AMSAT-BB@..." <amsat-bb@...>, FT897@yahoogroups.com
> Date: Friday, October 16, 2009, 10:53 AM
>
>
>
>
>
>
> Everyone,
> I know this is slightly (mostly??) off topic but I am in the market
> for a USB to RS-232 adapter for use with my radios (ft-897d and
> th-d7ag). My main requirement be that it works with Linux. Can any
> of you make a recommendation?
>
> Thanks,
> Josh Smith
> KD8HRX
> email/jabber: juicewvu@gmail. com
> phone: 304.237.9369(c)
>
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>
> [Non-text portions of this message have been removed]
>

28043. Re: Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-19 02:49:45 UTC
From: James
Topic: 28022 Message: 28043

dont feel bad.. the #1 menu set to off is a big trap.. most of us fell into it.. i think the japs did in on purpose:-)

jim

--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi John,
>
> this one comes up regularly. Turn menu 001 to ON and all the others will
> be available. It comes set to OFF as standard which hides many of the less
> often needed menus so that you can scroll through the more often used menus
> more quickly.
>
> 73....Eric VK2VE.
>
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: John Taylor <g8dyk@...>
> >Date: Sun, 11 Oct 2009 03:44:31 -0700 (PDT)
> >Subject: [FT897] Menu Access\ CW Training
> >Reply-To: FT897@...m
> >
> >
> >Hi,
> >Could anyone please help - I'm new to this radio and am probably doing something
> >stupid!?
> >?
> >On pressing the "F" key and holding it, I can get some but not all of the
> >menu mode items
> >e.g. I can only see 001, 005, 006, 007, 014?etc? and so can't set up the
> >CW training on 031 as it doesn't seem to be there.
> >?
> >Many thanks,
> >John
> >?
> >
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> >[Non-text portions of this message have been removed]
> >
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> >------------------------------------
> >
> >Yahoo! Groups Links
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28044. Re: [FT897] Optional Mic MH-59A8J

Yahoo group: FT897 (2009)
Date: 2009-10-19 10:06:29 UTC
From: DavidN
Topic: 28023 Message: 28044

I got the mic from Hong Kong for £40 including postage and virtually everyone I have a QSO with, without prompting, mentions the quality of the audio, both on SSB and FM. I am really amazed that so many mention the good audio.

I turned the SSB mic gain down to 10, the FM mic gain up to 85, and the speech processor up to 65, which I always have on when using SSB. I didn't need to alter the audio high/low pass filters in the menu.

Yes, it is a pity that Yaesu do not include a DTMF mic with the 897, that's why I bought the MH59 and I didn't want to pay so much money for just a mic., but as you can see it was worth it even just for putting out clean audio (and there's all those buttons to play with too :)).

David G4TUP/9H3CU.

On Mon, Oct 19, 2009 at 12:55 AM, Trixter aka Bret McDanel <
trixter@...> wrote:

>
>
> On Sun, 2009-10-18 at 16:13 +0000, edhayes79 wrote:
> >
> > I am considering buying the optional MH-59A8J microphone and I have
> > two questions. Is it worth the $80.00 purchase price and are the
> > numbers back-lit? Thnak you for your response. Ed.
> >
> >
> I have the mh-59 mic and I like the fact that I can control the radio
> from it. I also like how it works as a morse keyer (when set on the
> radio you can use the top two up/down buttons for dit/dah). So it
> depends on what you want.
>
> Mine the numbers are backlit but the "black" buttons (and the one orange
> round one) are not backlit.
>
> Whether or not its worth the $80 is something only you can answer.
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>
>
>

[Non-text portions of this message have been removed]

28045. MH-59A8J Microphone

Yahoo group: FT897 (2009)
Date: 2009-10-19 02:10:48 UTC
From: edhayes79
Topic: 6699 Message: 28045

Thank all of you for your answers. I will be on the phone to HRO to order mine in the morning.

28046. S-meter problem!

Yahoo group: FT897 (2009)
Date: 2009-10-19 02:18:23 UTC
From: nightmare20_79
Topic: 28046 Message: 28046

Hey guys i am having a problem with my s-meter i had the radio unplugged for a bout a week while i was constructing my tower, got that all done hooked the radio back up and now my s-meter doesn't show any bars or very few where there should be full scale or very close to it. I'm getting great signals and good reports from people the s-meter just isn't showing this i know from the past that the repeaters that I'm talking on had either full or close to full scale on the s-meter. I have checked the coax and antenna with a antenna analyzer and am getting a 1.2 to a 1.3 SWR on 2 meter and 1.3to 1.4 on 440. I'm receiving and transmitting great its just not reflecting that on my s-meter, i even tried a hard reset and its still not working correctly is there a button i pushed or has anyone else had this problem and could help me. I'm scratching my head on this because it was working fine before it just seems like a setting, or i pushed a wrong button. Any help would be appreciated!

73s KC9LJT

28047. Re: [FT897] Vehicle mounting

Yahoo group: FT897 (2009)
Date: 2009-10-19 02:23:49 UTC
From: ben harper
Topic: 28028 Message: 28047

Now I like that idea, I was thinking of a 3 magnet mounting base but the boat pedistal would be a great way and fairly hidden when not in use

--- On Sun, 10/18/09, tailfeathers <tailfeathers@...> wrote:

From: tailfeathers <tailfeathers@...>
Subject: Re: [FT897] Vehicle mounting
To: FT897@yahoogroups.com
Date: Sunday, October 18, 2009, 8:14 PM

I use a boat seat pedestal...I have an extra base on my bench when I
bring the rig in...I put a pic in the photos section labeled pedestal
mount...
http://groups. yahoo.com/ group/FT897/ photos/album/ 1759202460/ pic/1597539485/
view?picmode= &mode=tn& order=ordinal& start=1&count= 20&dir=asc

Gary
n8gsj

beharper2001 wrote:
> I was wondering if anyone had any good ideas regarding mounting an 897 with the ldg tuner attached. Its a 1985 ford automatic trans with plenty of floor board room. I was thinking of making a pedistal that could swival a bit. But before I reinvent the wheel I thought I would check. There doesnt seem to be a great (Under the dash) location. Any thoughts would be great.
>
> Thanks
> KD0HJN
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.422 / Virus Database: 270.14.20/2444 - Release Date: 10/18/09 09:04:00
>
>

---------- --------- --------- --------- --------- --------- -
Weight Loss Program
Best Weight Loss Program - Click Here!
http://thirdpartyof fers.juno. com/TGL2141/ c?cp=ZRiast6YZ4w WqkZ_z1Yp6gAAJ1B
Ga6ejTVXr4Gi35pj 1YZbJAAYAAAAAAAA AAAAAAAAAAADNAAA AAAAAAAAAAAAAAAA EUgAAAAA=

[Non-text portions of this message have been removed]

28048. Re: VFO Problem

Yahoo group: FT897 (2009)
Date: 2009-10-19 01:21:15 UTC
From: stan.leeson
Topic: 28026 Message: 28048

I just added a message with the same symptoms. I have reset the memories and I can guarantee that the lock is not on. Shortly before the main dial VFO quit working, you would have to turn it several times as far as normal. Then it just quit working altogether. I will be glad to track the results that you get too. 73s - KD0IDQ.

--- In FT897@yahoogroups.com, "blky4u@..." <blky4u@...> wrote:
>
> I have a FT-897D that has a problem...The main tuning has quit working...I cannot change freq's or change settings in the menu...all other features work ok...Anyone else had this problem??....Could it be the optical encoder.....
> Tnx in advance for any help.....de Bill.....KY4U
>

28049. Re: Help - Loose Tuning Knob

Yahoo group: FT897 (2009)
Date: 2009-10-19 03:05:55 UTC
From: nnvpears
Topic: 13066 Message: 28049

I wish I had known about this sooner, but I only went looking for information after the knob of my 897 fell off. Does anyone have some advice for how to remove the rubber from the knob and what tool I should use for adjusting the grub screw? I am kind of new at this and appreciate any help I can get.

73
KB1QHX
Nathaniel

Hi I fell foul of this as well and you might find if the knob if it
starts to get loose will eventually fall off (be warned if you carry
the radio by the handle and not in a case).
Yes there is a grub screw requiring a hex spanner under the rubber.

28050. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-19 12:48:07 UTC
From: yo5orw
Topic: 27846 Message: 28050

Seems that the filter which causes this problem is CF1005 ceramic filter ALFYM455H=K.
Anyone knows if this filter is always active? Can be disabled/enabled? Is it for all the bands/modes or only for particular ones?
Thank you.

Cosmin - YO5ORW

28051. Re: [FT897] Main Dial Problem

Yahoo group: FT897 (2009)
Date: 2009-10-19 13:51:13 UTC
From: "Prof.Dr.Dr.S.J.Pöppl"
Topic: 28032 Message: 28051

Hi Stan,
could it be, that you unintentionally switched on the lock key direct
under the main dial knob???
vy 73 Siegi
DJ7QJ

stan.leeson schrieb:
>
>
> My FT897-D developed and interesting problem, and I want to see if
> others have experience this. Yesterday, the tuning and menu selection
> with the main dial was twitchy. Sometimes it would work and sometimes
> it would not. Today, while I was working some DX, it just quit working
> completely. Everything else seems to work, but the main dial has no
> effect. The good news is that it is only three months old and should
> be under warranty. Has anyone seen this sort of problem, and what was
> the resolution of the problem?
>
>

[Non-text portions of this message have been removed]

28052. Re: Main Dial Problem

Yahoo group: FT897 (2009)
Date: 2009-10-19 14:15:50 UTC
From: stan.leeson
Topic: 28032 Message: 28052

Thanks for the suggestion, but I checked the lock, and I have performed a power-on reset. Also, the day before it quit working it was requiring about 5 times as much movement of the dial as usual to make frequency changes. It was like it was "slipping". Now, it will sometimes change the last frequency digit by one and then the value goes right back. I think it is either some sort of mechanical connection problem or the encoder has died. Either way, I don't know how to fix it. After you remover the rubber cover on the knob, how do you loosen the set screw to remove the knob. I have read suggestions that it takes a 2-mm allen wrench, but it does not look like a hex opening to me.

--- In FT897@yahoogroups.com, "Prof.Dr.Dr.S.J.Pöppl" <dj7qj@...> wrote:
>
> Hi Stan,
> could it be, that you unintentionally switched on the lock key direct
> under the main dial knob???
> vy 73 Siegi
> DJ7QJ
>
>
> stan.leeson schrieb:
> >
> >
> > My FT897-D developed and interesting problem, and I want to see if
> > others have experience this. Yesterday, the tuning and menu selection
> > with the main dial was twitchy. Sometimes it would work and sometimes
> > it would not. Today, while I was working some DX, it just quit working
> > completely. Everything else seems to work, but the main dial has no
> > effect. The good news is that it is only three months old and should
> > be under warranty. Has anyone seen this sort of problem, and what was
> > the resolution of the problem?
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

28053. Re: Main Dial Problem

Yahoo group: FT897 (2009)
Date: 2009-10-19 15:05:11 UTC
From: KJ9B
Topic: 28032 Message: 28053

Sounds like the encoder has gone. My 897D had similar symptons a few months after I got it new. Luckily it was still in warranty at that point.

Ken
KJ9B

--- In FT897@yahoogroups.com, "stan.leeson" <stanleeson@...> wrote:
>
> Thanks for the suggestion, but I checked the lock, and I have performed a power-on reset. Also, the day before it quit working it was requiring about 5 times as much movement of the dial as usual to make frequency changes. It was like it was "slipping". Now, it will sometimes change the last frequency digit by one and then the value goes right back. I think it is either some sort of mechanical connection problem or the encoder has died. Either way, I don't know how to fix it. After you remover the rubber cover on the knob, how do you loosen the set screw to remove the knob. I have read suggestions that it takes a 2-mm allen wrench, but it does not look like a hex opening to me.
>
> --- In FT897@yahoogroups.com, "Prof.Dr.Dr.S.J.Pöppl" <dj7qj@> wrote:
> >
> > Hi Stan,
> > could it be, that you unintentionally switched on the lock key direct
> > under the main dial knob???
> > vy 73 Siegi
> > DJ7QJ
> >
> >
> > stan.leeson schrieb:
> > >
> > >
> > > My FT897-D developed and interesting problem, and I want to see if
> > > others have experience this. Yesterday, the tuning and menu selection
> > > with the main dial was twitchy. Sometimes it would work and sometimes
> > > it would not. Today, while I was working some DX, it just quit working
> > > completely. Everything else seems to work, but the main dial has no
> > > effect. The good news is that it is only three months old and should
> > > be under warranty. Has anyone seen this sort of problem, and what was
> > > the resolution of the problem?

28054. Re: S-meter problem!

Yahoo group: FT897 (2009)
Date: 2009-10-19 15:45:06 UTC
From: Steve Yates
Topic: 28046 Message: 28054

Make sure the RF Gain is fully clockwise. On FM it will lower the S-meter reading. Also, check Menu 060. It should be set to SIG.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "nightmare20_79" <bvlange@...> wrote:
>
> Hey guys i am having a problem with my s-meter i had the radio unplugged for a bout a week while i was constructing my tower, got that all done hooked the radio back up and now my s-meter doesn't show any bars or very few where there should be full scale or very close to it. I'm getting great signals and good reports from people the s-meter just isn't showing this i know from the past that the repeaters that I'm talking on had either full or close to full scale on the s-meter. I have checked the coax and antenna with a antenna analyzer and am getting a 1.2 to a 1.3 SWR on 2 meter and 1.3to 1.4 on 440. I'm receiving and transmitting great its just not reflecting that on my s-meter, i even tried a hard reset and its still not working correctly is there a button i pushed or has anyone else had this problem and could help me. I'm scratching my head on this because it was working fine before it just seems like a setting, or i pushed a wrong button. Any help would be appreciated!
>
> 73s KC9LJT
>

28055. Re: S-meter problem!

Yahoo group: FT897 (2009)
Date: 2009-10-19 22:10:22 UTC
From: wayner_santos
Topic: 28046 Message: 28055

Hello friend, I can be wrong, but when that happened here with me I without noticing turned off AGC, it was with the same symptoms described by you.
Press function (F), rotate MEM/VFO/CH, until appearing in the display NB AGC AUTO, AGC is verified it is activated, it is not activated him/it and everything should return to the normal.
I wait to have helped.
Strong 73
Wayner Mello
PU1WMS
Rio de Janeiro - Brazil

--- In FT897@yahoogroups.com, "nightmare20_79" <bvlange@...> wrote:
>
> Hey guys i am having a problem with my s-meter i had the radio unplugged for a bout a week while i was constructing my tower, got that all done hooked the radio back up and now my s-meter doesn't show any bars or very few where there should be full scale or very close to it. I'm getting great signals and good reports from people the s-meter just isn't showing this i know from the past that the repeaters that I'm talking on had either full or close to full scale on the s-meter. I have checked the coax and antenna with a antenna analyzer and am getting a 1.2 to a 1.3 SWR on 2 meter and 1.3to 1.4 on 440. I'm receiving and transmitting great its just not reflecting that on my s-meter, i even tried a hard reset and its still not working correctly is there a button i pushed or has anyone else had this problem and could help me. I'm scratching my head on this because it was working fine before it just seems like a setting, or i pushed a wrong button. Any help would be appreciated!
>
> 73s KC9LJT
>

28056. Re: Help - Loose Tuning Knob

Yahoo group: FT897 (2009)
Date: 2009-10-19 22:45:27 UTC
From: nnvpears
Topic: 13066 Message: 28056

The screw has a 1.5 mm "socket".

73
KB1QHX
Nathaniel

28057. Re: Getting bad audio reports with Heil Proset Plus

Yahoo group: FT897 (2009)
Date: 2009-10-20 03:14:04 UTC
From: ctwickey
Topic: 22 Message: 28057

Bill,

I have the same set up as you do. the following settings were what I was given by someone on this group. They are;
Menu #45 change to 120
Menu #46 change to 400
Menu #47 change to 2450
Menu #48 change to BOTH
Menu #49 change to 10, menu letter "P" - DNR (Digital Noise Reduction) on the front panel, change also
Menu #51 change to 45
Menu #63 change to 50, menu letter "L" - NB (Noise Blanker) on the front panel, change also
Menu #74 change to 75, menu letter "C" - PRO (Processor) on the front panel, change also
Menu #81 change to 60

Mic element switch set to Full Range..

Good luck,

Cliff,
N6CTW

--- In FT897@yahoogroups.com, Bill All <bill_all@...> wrote:
>
> I recently purchased the FT-897 and a Heil Proset Plus
> Headset/microphone with the 2 position switch Full Range/ DX on the mike
> boom. Right away I started getting reports that my audio was not
> "bassy" enough. The stock Yaesu mike MH-31 sounded a lot better on
> position 2. I have not turned the audio compression on and have reduced
> the audio gain menu from 50 (default) to 30 and have verified the Heli
> switch is on Full Range, but people still tell me the stock mike sounds
> better than the Heil. Did I get a bad Heil set or is there a setting
> somewhere in the 897 menu that I haven't found yet?
>
> Your thoughts?
>
> Bill - N3KKM
>

28058. Re: Getting bad audio reports with Heil Proset Plus

Yahoo group: FT897 (2009)
Date: 2009-10-20 09:07:26 UTC
From: nr3r15
Topic: 22 Message: 28058

your mic gain must go up to 85

larry

28059. Re: Getting bad audio reports with Heil Proset Plus

Yahoo group: FT897 (2009)
Date: 2009-10-20 23:23:03 UTC
From: Alexander
Topic: 22 Message: 28059

--- In FT897@yahoogroups.com, Bill All <bill_all@...> wrote:
>
> I recently purchased the FT-897 and a Heil Proset Plus
> Headset/microphone with the 2 position switch Full Range/ DX on the mike
> boom. Right away I started getting reports that my audio was not
> "bassy" enough. The stock Yaesu mike MH-31 sounded a lot better on
> position 2. > Your thoughts?
>
> Bill - N3KKM
>
Hi Bill !
In SSB both-in LSB and in USB ONLY the menu ¹ 15-¹18 are defininng the "bassy" sound on reseption mode as well as in transmition mode.LSB-R means reseption;LSB-T transmition.USB-R and USB-T are similar.All we have to do to set one of the chosen menues and rotate main dial knob TO LOCATE 455KHZ oscilator freq in ratio to the width of ceramic filter(+-300hz) Unfortunatly the stock ceramic filter is not so wide(2.3khz only)
The best desision is to use INRAD 2900khz filter to be iserted in spare slot-only here it is possible to reach something close to HI-FI SSB, what I did with my FT-897D

28060. Re: Getting bad audio reports with Heil Proset Plus

Yahoo group: FT897 (2009)
Date: 2009-10-20 23:31:54 UTC
From: oceanbiz01
Topic: 22 Message: 28060

Bill

What you are experiencing is perfectly normal. The DX position on the mic produces high frequency audio, not bassy audio. The criticisms that you are getting are what you should expect from guys who think audio should sound like "Studio Quality". They are Broadcaster wannabes.

If you are a DXer, leave the switch right where it is. You will get the audio punch necessary to make those long haul or pileup busting QSOs.

If you want bassy audio, move the switch to the rag chew position.

I have the same headset and same radio and also an FT-920. Mine is set for DX audio. I don't rag chew and if I want Broadcast quality in my ears I tune to 95.3 WOLZ oldies.

Dan K3ZXL
www.k3zxl.com

--- In FT897@yahoogroups.com, Bill All <bill_all@...> wrote:
>
> I recently purchased the FT-897 and a Heil Proset Plus
> Headset/microphone with the 2 position switch Full Range/ DX on the mike
> boom. Right away I started getting reports that my audio was not
> "bassy" enough. The stock Yaesu mike MH-31 sounded a lot better on
> position 2. I have not turned the audio compression on and have reduced
> the audio gain menu from 50 (default) to 30 and have verified the Heli
> switch is on Full Range, but people still tell me the stock mike sounds
> better than the Heil. Did I get a bad Heil set or is there a setting
> somewhere in the 897 menu that I haven't found yet?
>
> Your thoughts?
>
> Bill - N3KKM
>

28061. mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-21 00:11:33 UTC
From: kc7qhc1
Topic: 28061 Message: 28061

HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a (DTMF) mic since that time I have bought a mh-59a8j mic is their any way I can get the radio to accept the mh-36 so I can give it to my dad he also has a ft-897. and if not does any one know how to put in a node with out a dtmf mic so he can talk to me on 2 metters thanks for the in putkc7qhc1@ yahoo.com Mark kc7qhc

28062. Re: [FT897] mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-21 02:59:37 UTC
From: Finnigann
Topic: 28061 Message: 28062

On Tue, 20 Oct 2009 20:11:33 -0400, kc7qhc1 <kc7qhc1@...> wrote:

> HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a
> (DTMF) mic since that time I have bought a mh-59a8j mic is their any way
> I can get the radio to accept the mh-36 so I can give it to my dad he
> also has a ft-897. and if not does any one know how to put in a node
> with out a dtmf mic so he can talk to me on 2 metters thanks for the in
> putkc7qhc1@ yahoo.com Mark kc7qhc
>

It's not the microphone, but the radio that gets adjusted.

From the manual:

Before connecting the MH-59A8J, you must instruct the FT-
897D’s microprocessor that the MH-59A8J is being used,
using the Menu Mode:
1. Press and hold in the [F] key for one second to activate
the Menu Mode.
2. Rotate the MEM/VFO CH knob to recall Menu Mode
No-001 [EXT MENU], then rotate the DIAL to change
the setting to “ON” to enable the extended Menu Mode.
3. Rotate the MEM/VFO CH knob to recall Menu Mode
No-059 [MIC SEL]. The default setting for this Menu is
“NOR.” Rotate the DIAL to change the setting to “RMT.”
4. Press and hold in the [F] key for one second to save the
new setting and exit to normal operation.

The key is menu item 059. Get the correct selection for the microphone

NORmal \ REMote \ CAT

HTH

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28063. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-21 07:59:53 UTC
From: Rex
Topic: 27846 Message: 28063

I think the filter is always active on FM but of course if you fit a Collins ceramic filter frm Yaesu or Inrad you can witch to that and the existing filter is bypassed. That would enable you to eliminate the filter as a problem. But maybe the problem is noisy switching diodes around the flter?

--- In FT897@yahoogroups.com, "yo5orw" <yo6orw@...> wrote:
>
> Seems that the filter which causes this problem is CF1005 ceramic filter ALFYM455H=K. Anyone knows if this filter is always active? Can be disabled/enabled? Is it for all the bands/modes or only for particular ones?
> Thank you.
>
> Cosmin - YO5ORW
>

28064. Re: [FT897] Re: S-meter problem!

Yahoo group: FT897 (2009)
Date: 2009-10-21 13:03:55 UTC
From: Michael Walker
Topic: 28046 Message: 28064

Make sure your ALC is set to Fast or Slow. If it is set to OFF, you
will not get an S-Meter reading.

Mike VA3MW

Steve Yates wrote:
>
>
> Make sure the RF Gain is fully clockwise. On FM it will lower the
> S-meter reading. Also, check Menu 060. It should be set to SIG.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>,
> "nightmare20_79" <bvlange@...> wrote:
> >
> > Hey guys i am having a problem with my s-meter i had the radio
> unplugged for a bout a week while i was constructing my tower, got
> that all done hooked the radio back up and now my s-meter doesn't show
> any bars or very few where there should be full scale or very close to
> it. I'm getting great signals and good reports from people the s-meter
> just isn't showing this i know from the past that the repeaters that
> I'm talking on had either full or close to full scale on the s-meter.
> I have checked the coax and antenna with a antenna analyzer and am
> getting a 1.2 to a 1.3 SWR on 2 meter and 1.3to 1.4 on 440. I'm
> receiving and transmitting great its just not reflecting that on my
> s-meter, i even tried a hard reset and its still not working correctly
> is there a button i pushed or has anyone else had this problem and
> could help me. I'm scratching my head on this because it was working
> fine before it just seems like a setting, or i pushed a wrong button.
> Any help would be appreciated!
> >
> > 73s KC9LJT
> >
>
>

[Non-text portions of this message have been removed]

28065. Using CAT and AMP

Yahoo group: FT897 (2009)
Date: 2009-10-21 18:00:20 UTC
From: Matt Patterson
Topic: 28032 Message: 28065

Looking for ideas on what most people are doing when you want to use the CAT and a amplifier at the same time? I like the I-CAT solution from W4RT but it seems a little expensive to me.

73 Matt

W5LL

[Non-text portions of this message have been removed]

28066. RE: [FT897] Using CAT and AMP

Yahoo group: FT897 (2009)
Date: 2009-10-21 18:30:57 UTC
From: Matt Patterson
Topic: 28032 Message: 28066

I wonder if this would work.

http://cgi.ebay.com/8-Pin-Mini-DIN-S-Video-Y-Adapter-Splitter-Cable-1M-%2F-2F_W0QQitemZ360199573069QQcmdZViewItemQQimsxZ20091020?IMSfp=TL091020015002r15806

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Matt Patterson
Sent: Wednesday, October 21, 2009 1:00 PM
To: FT897@yahoogroups.com
Subject: [FT897] Using CAT and AMP

Looking for ideas on what most people are doing when you want to use the CAT and a amplifier at the same time? I like the I-CAT solution from W4RT but it seems a little expensive to me.

73 Matt

W5LL

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.423 / Virus Database: 270.14.24/2449 - Release Date: 10/20/09 18:42:00

[Non-text portions of this message have been removed]

28067. FT897/FT857 driver replacement?

Yahoo group: FT897 (2009)
Date: 2009-10-21 21:41:37 UTC
From: pe1hzg
Topic: 28067 Message: 28067

[sent this 2 days ago but didn't see any response, nor did I see
it back on the archives. If it's a duplicate, apologies]

Picked up an 897 cheaply recently. Turns out the 2K2975 driver FETs
are shot. These are on the mail board, not on the PA board.

Unfortunately, thse things are SMD and have a heavy block soldered
on the bottom of the main PC board to take off heat.
Because of this, I have been unable to unsolder them from the board
using hot air because the cooling block on the back just does
it's job too well.

Has somebody done this, and how have you done it?

Geert Jan

28068. RE: [FT897] FT897/FT857 driver replacement?

Yahoo group: FT897 (2009)
Date: 2009-10-21 22:07:42 UTC
From: Rick Johnson
Topic: 28067 Message: 28068

Try a soldering iron of the needed size and copper solder wick.

Use quite a bit of flux also. Always works for me.

Rick W3BI

To: FT897@yahoogroups.com
From: pe1hzg@...
Date: Wed, 21 Oct 2009 21:41:37 +0000
Subject: [FT897] FT897/FT857 driver replacement?

[sent this 2 days ago but didn't see any response, nor did I see
it back on the archives. If it's a duplicate, apologies]

Picked up an 897 cheaply recently. Turns out the 2K2975 driver FETs
are shot. These are on the mail board, not on the PA board.

Unfortunately, thse things are SMD and have a heavy block soldered
on the bottom of the main PC board to take off heat.
Because of this, I have been unable to unsolder them from the board
using hot air because the cooling block on the back just does
it's job too well.

Recent Activity

32
New MembersVisit Your Group

Sitebuilder
Build a web site

quickly & easily

with Sitebuilder.

Hollywood kids
in the spotlight

Their moms

share secrets

Yahoo! Groups
Small Business Group

Improve your business

by community exchange

.

_____
Hotmail: Free, trusted and rich email service.
http://clk.atdmt.com/GBL/go/171222984/direct/01/

[Non-text portions of this message have been removed]

28069. 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-21 21:48:06 UTC
From: kb1syv
Topic: 28069 Message: 28069

I posted a question this morning and it never made it to the board, I don't know if I did something wrong, so I'll try again.
I'm buying an FT-897D and I wanted recommendations on a good power supply to get. I would like one that I can grow with. Any help would be appreciated.

Thanks

Jethro

28070. Re: [FT897] Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-21 19:04:55 UTC
From: John Taylor
Topic: 28022 Message: 28070

Many thanks - the wine did the trick.......

73,
John G8DYK

--- On Mon, 10/19/09, Finnigann <finnigann2580@...> wrote:

From: Finnigann <finnigann2580@...>
Subject: Re: [FT897] Menu Access\ CW Training
To: FT897@yahoogroups.com
Date: Monday, October 19, 2009, 12:50 AM

On Sun, 11 Oct 2009 06:44:31 -0400, John Taylor <g8dyk@...> wrote:

> Hi,
> Could anyone please help - I'm new to this radio and am probably doing
> something stupid!?
>
> On pressing the "F" key and holding it, I can get some but not all of
> the menu mode items
> e.g. I can only see 001, 005, 006, 007, 014 etc and so can't set up the
> CW training on 031 as it doesn't seem to be there.
>
> Many thanks,
> John
>
>

Menu item 001 is the key. Turn it on (some wine and flowers or candy) and
you'll get the rest.

--
73'S
kc8ugv

      Remembering our Vets - Then and Now

              HTTP://www.tinyurl.com/bcarc12
          http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28071. Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-21 15:12:17 UTC
From: kb1syv
Topic: 28071 Message: 28071

Hi Everyone,
Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.

Thanks,

Jethro

28072. Re: [FT897] Wtd FP-70 AC Supply, Trd FNB-78 Battery. Internal Ant Tuner?

Yahoo group: FT897 (2009)
Date: 2009-10-19 13:17:34 UTC
From: Bernard Brownstein
Topic: 27991 Message: 28072

From wb2yok Bernie,

I use an LDG AT-200 Pro with a G5RV laying on my roof and it works very well
with my 897D and my Kenwood 450.
I have an FT 857D inthe car with an ATAS 120 antenna. That works well in the
car.
Bernie, WB2YOK
****
*

On Fri, Oct 16, 2009 at 6:41 AM, spike.dennis <spike.dennis@...>wrote:

>
>
> I have decided that the FT-897 is not quite the portable radio that Yaesu
> professes. So, I think I'll convert one of mine to more a portable 'station'
> radio buy installing a power supply in it. I'll have an extra FNB-78
> battery. to trade towards a FP-30 AC power supply
>
> Has anybody installed an internal auto-tuner into their FT-897? I wonder
> which ones might fit &/or the best choice for such project? I have an
> LDG-897 on one of my radios but the cabinet is a bit cheesy & fragile, and
> adds quite a bit of bulk to the project. I've not checked but it looks like
> the LDG-897 board is too long to try & fit inside the 897?
>
> This is my second attempt at posting this message. I hope it goes threw
> this time.
>
> Please reply off list via direct email regard any available accessories.
>
> Thanks
> spike.dennis@... <spike.dennis%40juno.com>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>

[Non-text portions of this message have been removed]

28073. Re: Menu Access\ CW Training

Yahoo group: FT897 (2009)
Date: 2009-10-19 14:12:50 UTC
From: ltcmle
Topic: 28022 Message: 28073

Change menu item 001 from off to on - this turns on the missing menu items.

Mike, AE8U

--- In FT897@yahoogroups.com, John Taylor <g8dyk@...> wrote:
>
> Hi,
> Could anyone please help - I'm new to this radio and am probably doing something stupid!?
>
> On pressing the "F" key and holding it, I can get some but not all of the menu mode items
> e.g. I can only see 001, 005, 006, 007, 014 etc and so can't set up the CW training on
031 as it doesn't seem to be there.
>
> Many thanks,
> John
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28074. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 07:57:06 UTC
From: Gary Altig
Topic: 28069 Message: 28074

DE N7UVL,
There are a lot of differing opinions as to how to power the
FT-897. My own opinion is the FT-897 is limited when using
internal batteries and its weight & size are more conducive
to fixed portable operation. Therefore, I find using its own
FP-30 AC power supply to be ideal in that a sufficient
12 volt DC (13.8V) external source will let you operate the
FT-897 to its fullest potential. (Internal battery use
automatically limits output power).
-For an external 12VDC (13.8V) source, I would go with one
of the Astron Metered (adjustable) 30 Amp (plus) power supplies
if you need something that works off AC besides an internal
supply. For full power operation, other than a power supply
whether external or internal, the 27Amp (full power) draw of
the FT-897 will have to be met for any design.
-If the desire is additional portability, re-consider the
FT-857./ga

----- Original Message -----
From: kb1syv<mailto:kb1syv@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Wednesday, October 21, 2009 2:48 PM
Subject: [FT897] 2nd Try

I posted a question this morning and it never made it to the board, I don't know if I did something wrong, so I'll try again.
I'm buying an FT-897D and I wanted recommendations on a good power supply to get. I would like one that I can grow with. Any help would be appreciated.

Thanks

Jethro

[Non-text portions of this message have been removed]

28075. Re: 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 10:26:51 UTC
From: Rex
Topic: 28069 Message: 28075

I was considering installing an LDG z11 pro. To do this I would have to removed the Z11 from its box. It would have been a very neat solution as you can use the two blanking plugs for the RF sockets.
In the end I built and installed a stand alone AFSK ocillator in the compartment for RTTY work. When I go portable I just sit the Z11 on top of the 897 powered from the +13.8v output.

--- In FT897@yahoogroups.com, "Gary Altig" <garylaltig@...> wrote:
>
> DE N7UVL,
> There are a lot of differing opinions as to how to power the
> FT-897. My own opinion is the FT-897 is limited when using
> internal batteries and its weight & size are more conducive
> to fixed portable operation. Therefore, I find using its own
> FP-30 AC power supply to be ideal in that a sufficient
> 12 volt DC (13.8V) external source will let you operate the
> FT-897 to its fullest potential. (Internal battery use
> automatically limits output power).
> -For an external 12VDC (13.8V) source, I would go with one
> of the Astron Metered (adjustable) 30 Amp (plus) power supplies
> if you need something that works off AC besides an internal
> supply. For full power operation, other than a power supply
> whether external or internal, the 27Amp (full power) draw of
> the FT-897 will have to be met for any design.
> -If the desire is additional portability, re-consider the
> FT-857./ga
>
> ----- Original Message -----
> From: kb1syv<mailto:kb1syv@...>
> To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
> Sent: Wednesday, October 21, 2009 2:48 PM
> Subject: [FT897] 2nd Try
>
>
> I posted a question this morning and it never made it to the board, I don't know if I did something wrong, so I'll try again.
> I'm buying an FT-897D and I wanted recommendations on a good power supply to get. I would like one that I can grow with. Any help would be appreciated.
>
> Thanks
>
> Jethro
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

28076. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 11:18:40 UTC
From: Finnigann
Topic: 28069 Message: 28076

On Wed, 21 Oct 2009 17:48:06 -0400, kb1syv <kb1syv@...> wrote:

> I posted a question this morning and it never made it to the board, I
> don't know if I did something wrong, so I'll try again.
> I'm buying an FT-897D and I wanted recommendations on a good power
> supply to get. I would like one that I can grow with. Any help would be
> appreciated.
>
> Thanks
>
> Jethro

Car battery with distribution box

BTW you don't get your own messages (at least I don't) I did see your message posted around noon.

I know my car batt reply isn't very elegant and prolly not what you're looking for. QST has printed a couple of articles comparing various power supplies. But all of them were of good quality and if sized right should serve you very well. If you have a healthy wallet, then you have no problems. If, however, you need to watch the hobby budget, then the car batt suggestion will work too.

Are you have any particular problems? Any special equipment?

I know the car battery can sustain operations for hours of Tx. We did it for our local Applefest last year with no problems.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28077. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 11:26:59 UTC
From: Randy Charles Ford
Topic: 28069 Message: 28077

On Thursday 22 October 2009 06:18:40 Finnigann wrote:
> BTW you don't get your own messages (at least I don't) I did see your
> message posted around noon.

You should get all messages, including your own. The first message you post is delayed until a moderator approves it. Yahoo goes through periods where they grab some messages as spam and hold them for a while before a moderator can see them and mark them as not spam. There doesn't seem to be any rhyme or reason about when they do that, how long they hold it, or which messages they choose to hold.

73,
kg4jix - randy.

28078. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 11:48:23 UTC
From: Finnigann
Topic: 28069 Message: 28078

On Thu, 22 Oct 2009 07:26:59 -0400, Randy Charles Ford <kg4jix@...>
wrote:

> On Thursday 22 October 2009 06:18:40 Finnigann wrote:
>> BTW you don't get your own messages (at least I don't) I did see your
>> message posted around noon.
>
> You should get all messages, including your own. The first message you
> post
> is delayed until a moderator approves it. Yahoo goes through periods
> where
> they grab some messages as spam and hold them for a while before a
> moderator
> can see them and mark them as not spam. There doesn't seem to be any
> rhyme
> or reason about when they do that, how long they hold it, or which
> messages
> they choose to hold.
>
> 73,
> kg4jix - randy.
>

I have never seen my posts. I have seen replies to my posts. So I figured
they didn't send my own writings back to their greatest fan.

This one, for example. I didn't see my orignial, but your reply to it is
of course right before me. Maybe I checked off something I shouldn't have.
Prolly cuts down on the traffic. I do keep a copy of everything I post
here and elsewhere.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28079. MDS messures on my FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 12:19:14 UTC
From: Pedro Correia
Topic: 28079 Message: 28079

Hi,

I did an MDS messure on my FT-897D. I have the 2.3 KHz and 500 Hz filter installed, so my goal was to do some comparations. Does anyone have this values for others FT-897D? Looking at the table, and in therms off the MDS, does the investment in filters compensate relativly to the use of the DSP?

Anyway, every amatuer radio I know says that the FT-897D is not sensitive, this table certanly contradicts that! Due to the mesure equipment 1dBm plus or minus is not relevant.

MDS FT-897D Serial 6K750310

Band
40 Meters
20 Meters

Mode
CW
LSB (Filter CFIL)
LSB (Filter 2.3)
CW
USB (Filter CFIL)
USB (Filter 2.3)

Filter 500 Hz
-132 dBm

-133 dBm

Filter CFIL
-129,2 dBm
-126,6 dBm

-129,4 dBm
-128,3 dBm

Filter 2.3
-130 dBm

-127,7 dBm
-130,7 dBm

-127 dBm

IPO On (pre Off)
-127 dBm (500 Hz Filter)
-122 dBm
-122 dBm

-128,4 dBm (500 Hz Filter)
-124 dBm
-123 dBm

ATT On
-117 dBm (500 Hz Filter)
-113 dBm
-113 dBm
-119 dBm (500 Hz Filter)
-115 dBm
-114,5 dBm

DBP 240 Hz
-135,6 dBm

-136,5 dBm

DBP 120Hz
-140,4 dBm

-140 dBm

DBP 60 Hz
-139,4 dBm

-140 dBm

DBP 400-1,8

-128,4 dBm
-129 dBm

-129 dBm
-129 dBm

Best regards,

Pedro Correia, CT2GET

_____
Você sabia que o Hotmail mudou? Clique e descubra as novidades.
http://www.microsoft.com/brasil/windows/windowslive/products/hotmail.aspx

[Non-text portions of this message have been removed]

28080. Re: Using CAT and AMP

Yahoo group: FT897 (2009)
Date: 2009-10-22 13:03:58 UTC
From: iz0inx
Topic: 28032 Message: 28080

I don't think that a cable splitter would work.
Maybe, activating the CAT communication on the Mike socket, could help
Take a look in the Files section:
Files > CAT & Sound Card Interfaces > Just CAT converter > CAT-Mic.doc

73, Fil IZ0INX

--- In FT897@yahoogroups.com, "Matt Patterson" <mattpatt@...> wrote:
>
> I wonder if this would work.
>
>
>

28081. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 13:17:32 UTC
From: Robert Scott
Topic: 28069 Message: 28081

I use the Yaesu FP-1030 to feed a power pole distribution strip to feed my 897D, the FT-Meter, and my LG 200 tuner. Works great.

Robert KC5PRG

From: kb1syv <kb1syv@...>
To: FT897@yahoogroups.com
Sent: Wed, October 21, 2009 4:48:06 PM
Subject: [FT897] 2nd Try

I posted a question this morning and it never made it to the board, I don't know if I did something wrong, so I'll try again.
I'm buying an FT-897D and I wanted recommendations on a good power supply to get. I would like one that I can grow with. Any help would be appreciated.

Thanks

Jethro

[Non-text portions of this message have been removed]

28082. Re: [FT897] Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 13:29:01 UTC
From: Bernard Brownstein
Topic: 28071 Message: 28082

I use an Astron 35M which works verywell.
Bernie, WB2YOK
****

On Wed, Oct 21, 2009 at 8:12 AM, kb1syv <kb1syv@...> wrote:

>
>
> Hi Everyone,
> Can anyone recommend an excellent power supply to use at the base station
> for the 897D? I want something that I could run other equipment off of and
> for future equipment growth.
>
> Thanks,
>
> Jethro
>
>
>

[Non-text portions of this message have been removed]

28083. Re: MDS messures on my FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 14:39:31 UTC
From: Steve Yates
Topic: 28079 Message: 28083

Thanks for the data Pedro!

Mine is certainly sensitive. I usually have the IPO on (Preamp off) or even the attenuator on depending on what band I'm on. I have found that the DSP filters alone work well if you keep the RF Gain control tuned back so that adjacent signals don't pump the AGC. I have the 250 Hz Collins filter and it works very well if you depend a lot on the AGC.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Pedro Correia <pedrocorreia1111@...> wrote:
>
>
> Hi,
>
>
>
> I did an MDS messure on my FT-897D. I have the 2.3 KHz and 500 Hz filter installed, so my goal was to do some comparations. Does anyone have this values for others FT-897D? Looking at the table, and in therms off the MDS, does the investment in filters compensate relativly to the use of the DSP?
>
> Anyway, every amatuer radio I know says that the FT-897D is not sensitive, this table certanly contradicts that! Due to the mesure equipment 1dBm plus or minus is not relevant.
>
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>
> MDS FT-897D Serial 6K750310
>
> Band
> 40 Meters
> 20 Meters
>
> Mode

> CW
> LSB (Filter CFIL)
> LSB (Filter 2.3)
> CW
> USB (Filter CFIL)
> USB (Filter 2.3)
>
> Filter 500 Hz
> -132 dBm
>
>
> -133 dBm
>
>
>
> Filter CFIL
> -129,2 dBm
> -126,6 dBm
>
> -129,4 dBm
> -128,3 dBm
>
>
> Filter 2.3
> -130 dBm
>
> -127,7 dBm
> -130,7 dBm
>
> -127 dBm
>
> IPO On (pre Off)
> -127 dBm (500 Hz Filter)
> -122 dBm
> -122 dBm
> -128,4 dBm (500 Hz Filter)
> -124 dBm
> -123 dBm
>
> ATT On
> -117 dBm (500 Hz Filter)
> -113 dBm
> -113 dBm
> -119 dBm (500 Hz Filter)
> -115 dBm
> -114,5 dBm
>
> DBP 240 Hz
> -135,6 dBm
>

>
> -136,5 dBm
>
>
>
> DBP 120Hz
> -140,4 dBm
>
>
> -140 dBm
>
>
>
> DBP 60 Hz
> -139,4 dBm
>
>
> -140 dBm
>
>
>
> DBP 400-1,8
>
> -128,4 dBm
> -129 dBm
>
> -129 dBm
> -129 dBm
>
> Best regards,
>
> Pedro Correia, CT2GET
>

28084. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 14:53:11 UTC
From: Joe
Topic: 28084 Message: 28084

I have at least 8 YahooGroups that I don't receive my own messages. I am even owner of a couple!

Yahoo has never been able to tell me why that is. User PREFERENCES are all the same in all my subscribed groups.

My suggestion if one believes his/her post has not been received by the group, is to go to the group's page at www.YahooGroups.com and see if the post is in MESSAGES. Make sure you wait for 30 minutes, give or take, to see if your message has been posted.

Hi Gary! (N7UVL)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Randy Charles Ford" <kg4jix@...>
Subject: Re: [FT897] 2nd Try

> On Thursday 22 October 2009 06:18:40 Finnigann wrote:

>> BTW you don't get your own messages (at least I don't) I did see your
>> message posted around noon.
>
> You should get all messages, including your own.

28085. Re: Wtd FP-70 AC Supply, Trd FNB-78 Battery. Internal Ant Tuner?

Yahoo group: FT897 (2009)
Date: 2009-10-22 15:07:18 UTC
From: spike.dennis
Topic: 27991 Message: 28085

> Bernie, WB2YOK

> I use an LDG AT-200 Pro with a G5RV

You fit that inside the radio per the original question?

> I have an FT 857D inthe car with an ATAS 120 antenna.

I didn't ask about the ATAS but now that you have mentioned it. I had one, it lasted 1/2 of a 400 mile hamfest trip. #1, it kept comming loose from the mount. #2 it got hot from frequent QSY's a burned up the two chokes & reg trans(among other things). New board cost $70 so I figured hell with that! It worked good, when it worked!

> > Dennis Starks
> > Military-Radio-Guy
> > KB0SFP
> > Monitor(all USB):
> > 3996, 5403.5, 7296, 14342.5, 18157.5

28086. New file uploaded to FT897

Yahoo group: FT897 (2009)
Date: 2009-10-22 15:28:31 UTC
From: FT897@yahoogroups.com
Topic: 22 Message: 28086

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the FT897
group.

File : /MDS_FT-897D.xls
Uploaded by : pedrocorreia1111 <pedrocorreia1111@...>
Description : MDS_FT-897D

You can access this file at the URL:
http://groups.yahoo.com/group/FT897/files/MDS_FT-897D.xls

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

pedrocorreia1111 <pedrocorreia1111@...>

28087. RE: [FT897] Re: MDS messures on my FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 15:42:41 UTC
From: Pedro Correia
Topic: 28079 Message: 28087

Hi,

Probably the table didn't display rigth, at least not in my PC. I upload it to the yahoo group files. Sorry about this.

Steve:

To much MDS is probably not productive. I also use my FT-897 in the same way but with the 2.3 Khz filter for digimods, the murata filter for voice and the 500 Hz filter for CW and RTTY. On TX I allways use the optional 2.3 Khz filter for better audio and probaly +0.5 Db more power. If the band is not very crowded this radio is exelent, but in contest (I'm not a fan of contesting) I realy need to turn back the RF gain, I end to QSY for the WARC bands. In my opinion this radio does'nt work very well in crouwded bands, I'm not able to mesure it, this is only a subjective opinion.

Com os melhores Cumprimentos,

Pedro Correia, CT2GET

To: FT897@yahoogroups.com
From: aa5tb@...
Date: Thu, 22 Oct 2009 14:39:31 +0000
Subject: [FT897] Re: MDS messures on my FT-897D

Thanks for the data Pedro!

Mine is certainly sensitive. I usually have the IPO on (Preamp off) or even the attenuator on depending on what band I'm on. I have found that the DSP filters alone work well if you keep the RF Gain control tuned back so that adjacent signals don't pump the AGC. I have the 250 Hz Collins filter and it works very well if you depend a lot on the AGC.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Pedro Correia <pedrocorreia1111@...> wrote:
>
>
> Hi,
>
>
>
> I did an MDS messure on my FT-897D. I have the 2.3 KHz and 500 Hz filter installed, so my goal was to do some comparations. Does anyone have this values for others FT-897D? Looking at the table, and in therms off the MDS, does the investment in filters compensate relativly to the use of the DSP?
>
> Anyway, every amatuer radio I know says that the FT-897D is not sensitive, this table

certanly contradicts that! Due to the mesure equipment 1dBm plus or minus is not relevant.
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> MDS FT-897D Serial 6K750310
>
> Band
> 40 Meters
> 20 Meters
>
> Mode
> CW
> LSB (Filter CFIL)
> LSB (Filter 2.3)
> CW
> USB (Filter CFIL)
> USB (Filter 2.3)
>
> Filter 500 Hz
> -132 dBm
>
>
> -133 dBm
>
>
>
> Filter CFIL
> -129,2 dBm
> -126,6 dBm
>
> -129,4 dBm
> -128,3 dBm
>
>
> Filter 2.3
> -130 dBm
>
> -127,7 dBm
> -130,7 dBm

>
> -127 dBm
>
> IPO On (pre Off)
> -127 dBm (500 Hz Filter)
> -122 dBm
> -122 dBm
> -128,4 dBm (500 Hz Filter)
> -124 dBm
> -123 dBm
>
> ATT On
> -117 dBm (500 Hz Filter)
> -113 dBm
> -113 dBm
> -119 dBm (500 Hz Filter)
> -115 dBm
> -114,5 dBm
>
> DBP 240 Hz
> -135,6 dBm
>
>
> -136,5 dBm
>
>
>
> DBP 120Hz
> -140,4 dBm
>
>
> -140 dBm
>
>
>
> DBP 60 Hz
> -139,4 dBm
>
>
> -140 dBm
>
>
>
> DBP 400-1,8
>
> -128,4 dBm
> -129 dBm
>
> -129 dBm
> -129 dBm

>
> Best regards,
>
> Pedro Correia, CT2GET
>

_____
Você sabia que o Hotmail mudou? Clique e descubra as novidades.
http://www.microsoft.com/brasil/windows/windowslive/products/hotmail.aspx

[Non-text portions of this message have been removed]

28088. Re: Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 16:33:57 UTC
From: JohnB
Topic: 28071 Message: 28088

I'm using an Samlux SEC1235M switching power supply. It supply 13.7 V at up to 35A. It's low noise and leaves room to grow.

Personally I don't like the internal power supply simply because it only powers the 897D, and I actually intend to get the batteries for mine for field use. With an external power supply you also can run multiple radios and the power supply can be used with your next radio if and when you upgrade.

John - KE7WNB

--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hi Everyone,
> Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.
>
> Thanks,
>
> Jethro
>

28089. Re: Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 17:21:56 UTC
From: yo5orw
Topic: 28071 Message: 28089

Hi.
I'm using a Alinco DM-330 MVE switching power supply (http://www.alinco.com/Products/DM330MVE/) 30A max current, 5-15V voltage. It has 2 sets of snap-in terminals (Max 5A), a car plug for 10A and one set of terminals for 30A. Also has a preset button (you can preset the output voltage - disables the voltage adjust knob), A-meter / V-meter switch. Personally i like it very much... it is small and very silent.

73s
Cosmin - YO5ORW

> --- In FT897@yahoogroups.com, "kb1syv" <kb1syv@> wrote:
> >
> > Hi Everyone,
> > Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.
> >
> > Thanks,
> >
> > Jethro
> >
>

28090. Re: [FT897] Re: Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 17:33:46 UTC
From: k5wlf@rebelwolf.com
Topic: 28090 Message: 28090

Samlex and Astron both make excellent power supplies. I've also heard good things about Daiwa units. MFJ's quality control in their power supplies, as with most of their gear, seems to be spotty. Two of my friends have the 45A MFJ supply -- one has worked fine for years and the other has been back to MFJ twice for repairs in 2.5 years.

Whatever brand you get, I recommend that you get a variable voltage unit. As you add gear to your shack, you'll need to bring the supply voltage up to compensate for the increased draw. Also, if you decide to use a WMR SuperPWRGate to maintain a charge in one or more batteries as I do, you'll need to increase the voltage to compensate for the voltage drop through the Schottky diode to achieve the proper charge voltage.

73,
ldb
K5WLF
>
>
> > --- In FT897@yahoogroups.com, "kb1syv" <kb1syv@> wrote:
> > >
> > > Hi Everyone,
> > > Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.
> > >
> > > Thanks,
> > >
> > > Jethro

28091. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 17:35:06 UTC
From: "Glenn (KØBO)"
Topic: 28069 Message: 28091

Consider a shack 13.8v system instead of a simple supply.

Mine is as follows...
12v float charger w/equalizer 50amps $184.0
http://www.iotaengineering.com/dls55.htm
Get the optional http://www.iotaengineering.com/iq.htm
This unit can also be a stand alone power supply if no batts!!

2 matched 12v deap cycle batteries in parallel
(fuses between batteries that were purchased from the same lot)

Power fuse and distributional buss
Though my distro system is a old telco system, there are a few companies
making power quick connect power busses with fusing system.

Use large wire between radios and buss. Oversize is good!

What this gives me is a supply that can run for two or three days of heavy when
I loose my commercial utility power. I have no switching when power goes out as
the radios are always on the 12v system. I also have my shack wired for minimal
12v lighting. The computer is on it's own UPS with oversized batteries and
allows me 7 hours.

On FD, just pull the plug and you can increase your class.

Hope this helps! 73!

kb1syv wrote:
> I posted a question this morning and it never made it to the board, I don't know if I did
something wrong, so I'll try again.
> I'm buying an FT-897D and I wanted recommendations on a good power supply to get. I would
like one that I can grow with. Any help would be appreciated.
>
> Thanks
>
> Jethro

28092. Re: [FT897] FT897/FT857 driver replacement?

Yahoo group: FT897 (2009)
Date: 2009-10-22 17:49:28 UTC
From: Glenn Valenta (K0BO)
Topic: 28067 Message: 28092

pe1hzg wrote:

>
> Unfortunately, thse things are SMD and have a heavy block soldered
> on the bottom of the main PC board to take off heat.
> Because of this, I have been unable to unsolder them from the board
> using hot air because the cooling block on the back just does
> it's job too well.
>
> Has somebody done this, and how have you done it?
>
I've done this on other radios of similar construction.

I've had to carefully use a 150w solder gun. It seems dangerous but it's worked great once I got the touch. The hard part is to make sure you use enough heat to totally melt all the solder without using too much heat to destroy other connections. Don't pull the xsistor too early before all the solder throughly melts or you will lift the trace!

On a IC706, the drivers have to be removed using two solder guns as the heat dissipation was pretty fast. Quickly heat the xsistors up, remove the xsistors, then spray cooling mist or liquid air to cool the board back down. I generally use alcohol to cool the board down as I don't like the thermal shock of canned air. It was not uncommon to have a nearby component become dislodged. You will have to repair that when you mount the new xsistor which is just as hard as removing the old one.

Also remember to wipe of the old silicone grease and use fresh!

73 K0BO!

28093. Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-22 18:31:39 UTC
From: fred
Topic: 28061 Message: 28093

--- In FT897@yahoogroups.com, "kc7qhc1" <kc7qhc1@...> wrote:
>
> HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a (DTMF) mic since that time I have bought a mh-59a8j mic is their any way I can get the radio to accept the mh-36 so I can give it to my dad he also has a ft-897. and if not does any one know how to put in a node with out a dtmf mic so he can talk to me on 2 metters thanks for the in putkc7qhc1@ yahoo.com Mark kc7qhc

I bought an mh-36 mic thinking I could use the keypad to encode nodes with my ft-897. I could never make that happen. And then I was told that the mh-36 mic was not compatible for encoding with the ft-897.
I don't think there is a way to encode nodes without a keypad.
Fred
k6kub
>

28094. Re: [FT897] Using CAT and AMP

Yahoo group: FT897 (2009)
Date: 2009-10-22 18:57:58 UTC
From: DALE BLANCHARD
Topic: 28032 Message: 28094

The solution is on the FT-857 list under files/CAT = Linear Amp.
Dale

----- Original Message -----
From: "Matt Patterson" <mattpatt@...>
To: FT897@yahoogroups.com
Sent: Wednesday, October 21, 2009 11:00:20 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] Using CAT and AMP

Looking for ideas on what most people are doing when you want to use the CAT
and a amplifier at the same time? I like the I-CAT solution from W4RT but
it seems a little expensive to me.

73 Matt

W5LL

·–’–––

[Non-text portions of this message have been removed]

28095. Re: [FT897] 2nd Try

Yahoo group: FT897 (2009)
Date: 2009-10-22 19:13:44 UTC
From: Randy Charles Ford
Topic: 28069 Message: 28095

On Thursday 22 October 2009 06:48:23 Finnigann wrote:
> On Thu, 22 Oct 2009 07:26:59 -0400, Randy Charles Ford <kg4jix@...>
>
> wrote:
> > On Thursday 22 October 2009 06:18:40 Finnigann wrote:
> >> BTW you don't get your own messages (at least I don't) I did see your
> >> message posted around noon.
> >
> > You should get all messages, including your own. The first message you
> > post
> > is delayed until a moderator approves it. Yahoo goes through periods
> > where
> > they grab some messages as spam and hold them for a while before a
> > moderator
> > can see them and mark them as not spam. There doesn't seem to be any
> > rhyme
> > or reason about when they do that, how long they hold it, or which
> > messages
> > they choose to hold.
> >
> > 73,
> > kg4jix - randy.
>
> I have never seen my posts. I have seen replies to my posts. So I figured
> they didn't send my own writings back to their greatest fan.
>
> This one, for example. I didn't see my orignial, but your reply to it is
> of course right before me. Maybe I checked off something I shouldn't have.
> Prolly cuts down on the traffic. I do keep a copy of everything I post
> here and elsewhere.

That is strange, since I see all of mine. Is it a feature of your email client? I've checked Yahoo and don't find an option to not receive my posts. I've used many email clients, including ,on occasion, my ISP's web mail.

28096. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 19:51:38 UTC
From: Jirka MWW
Topic: 28084 Message: 28096

Hi Joe,

this is a function of gmail. It automatically blocks the mails, sent by You
and comming back.
It works like that in all conferencies which I know.

73! Jiri

OK1MWW

2009/10/22 Joe <WA6RKN@...>

> I have at least 8 YahooGroups that I don't receive my own messages. I am
> even owner of a couple!
>
> Yahoo has never been able to tell me why that is. User PREFERENCES are all
> the same in all my subscribed groups.
>
> My suggestion if one believes his/her post has not been received by the
> group, is to go to the group's page at www.YahooGroups.com and see if the
> post is in MESSAGES. Make sure you wait for 30 minutes, give or take, to
> see if your message has been posted.
>
> Hi Gary! (N7UVL)
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Randy Charles Ford" <kg4jix@...>
> Subject: Re: [FT897] 2nd Try
>
>
> > On Thursday 22 October 2009 06:18:40 Finnigann wrote:
>
> >> BTW you don't get your own messages (at least I don't) I did see your
> >> message posted around noon.
> >
> > You should get all messages, including your own.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>
>

--
Zdravi
Jirka OK1MWW

[Non-text portions of this message have been removed]

28097. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 20:39:07 UTC
From: Finnigann
Topic: 28084 Message: 28097

On Thu, 22 Oct 2009 15:51:38 -0400, Jirka MWW <jirka.mww@...> wrote:

> Hi Joe,
>
> this is a function of gmail. It automatically blocks the mails, sent by
> You
> and comming back.
> It works like that in all conferencies which I know.
>
> 73! Jiri
>
> OK1MWW

?? Non Gmail users? Is this right?

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28098. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 21:48:07 UTC
From: Damien Gardner Jnr
Topic: 28084 Message: 28098

On 23/10/2009, at 7:39 AM, Finnigann wrote:

> On Thu, 22 Oct 2009 15:51:38 -0400, Jirka MWW <jirka.mww@...>
> wrote:
>
>> Hi Joe,
>>
>> this is a function of gmail. It automatically blocks the mails,
>> sent by
>> You
>> and comming back.
>> It works like that in all conferencies which I know.
>>
>> 73! Jiri
>>
>> OK1MWW
>
>
> ?? Non Gmail users? Is this right?

Sounds right to me - I'm subscribed to a few mailing lists (yahoo and
normal) on both my normal account, and a gmail account I use for
outage notifications - the emails I send from the gmail account never
get seen back in my gmail inbox.. http://groups.google.com/group/Gmail-Help-Message-Delive
ry-en/browse_thread/thread/d4e5dbb4139ae8ca?pli=1
confirms this behaviour..

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28099. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 23:19:23 UTC
From: Randy Charles Ford
Topic: 28084 Message: 28099

On Thursday 22 October 2009 16:48:07 Damien Gardner Jnr wrote:
> On 23/10/2009, at 7:39 AM, Finnigann wrote:
> > On Thu, 22 Oct 2009 15:51:38 -0400, Jirka MWW <jirka.mww@...>
> >
> > wrote:
> >> Hi Joe,
> >>
> >> this is a function of gmail. It automatically blocks the mails,
> >> sent by
> >> You
> >> and comming back.
> >> It works like that in all conferencies which I know.
> >>
> >> 73! Jiri
> >>
> >> OK1MWW
> >
> > ?? Non Gmail users? Is this right?
>
> Sounds right to me - I'm subscribed to a few mailing lists (yahoo and
> normal) on both my normal account, and a gmail account I use for
> outage notifications - the emails I send from the gmail account never
> get seen back in my gmail inbox..
> http://groups.google.com/group/Gmail-Help-Message-Delivery-en/browse_thread
>/thread/d4e5dbb4139ae8ca?pli=1 confirms this behaviour..
>
> Cheers,
>
> DG
>
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/

Thanks for investigating this.

If one uses a POP/SMTP email client to manage their mail, and only uses gmail for forwarding without normally using the web interface, they may be able to get around this by using their ISP/work SMTP server to sent the mail. Then gmail would not have the original, and would thus send the list's version via POP.

I just suggested to some people that they set up gmail accounts to forward their email via POP/SMTP because they were changing ISPs. I will now have to have them change their email again away from gmail because of this flaw.

(They would use the web access regularly.) It affects a lot more than just lists. For instance, if a gmail user was away from their POP account and used the web to send themselves a file or reminder, it would not be delivered to their POP account.

According to information from the links poseted here, gmail only looks at the Message-Id header to determine duplicates, not the rest of the message. Consider a gmail user who only periodically reviews posts from a group. If another person sent an message to the group, but also copied the gmail user because they would be interested, the gmail user would only receive one of the mails: if the direct mail was received first, the gmail user couldn't respond to the group; if the list mail was first, the gmail user wouldn't be alerted to the item.

Some posting about this problem have stated that it affected google apps as well, and prevented them from deploying them at work.

Anyway, thanks for following up on this: it will prevent problems for me in the future. I'm dropping out of the thread now since discussing problems the flaw causes beyond this group is most likely off topic.

73,
kg4jix - randy.

28100. Re: [FT897] OT: Receiving Your Own Messages

Yahoo group: FT897 (2009)
Date: 2009-10-22 23:42:38 UTC
From: Peter Robinson
Topic: 28084 Message: 28100

I own over a dozen groups and subscribe to another 60+. I receive all my own msgs in both lots. As a group owner, I sometimes have to approve my own msgs - that depends on whether I have logged into Yahoo or not, and whether I am operating under my home email, or my Yahoo id.

73 de Peter - G?FIM / AA3JN

Life isn't like a bowl of cherries or peaches, its more like a jar of Jalapenos - What you do today, might burn your ass tomorrow . . .

----- Original Message -----
From: "Joe" <WA6RKN@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, October 22, 2009 3:53 PM
Subject: Re: [FT897] OT: Receiving Your Own Messages

>
> I have at least 8 YahooGroups that I don't receive my own messages. I am
> even owner of a couple!
>
> Yahoo has never been able to tell me why that is. User PREFERENCES are
> all
> the same in all my subscribed groups.
>
> My suggestion if one believes his/her post has not been received by the
> group, is to go to the group's page at www.YahooGroups.com and see if the
> post is in MESSAGES. Make sure you wait for 30 minutes, give or take, to
> see if your message has been posted.
>
> Hi Gary! (N7UVL)
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Randy Charles Ford" <kg4jix@...>
> Subject: Re: [FT897] 2nd Try
>
>
>> On Thursday 22 October 2009 06:18:40 Finnigann wrote:
>
>>> BTW you don't get your own messages (at least I don't) I did see your
>>> message posted around noon.
>>
>> You should get all messages, including your own.

>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.421 / Virus Database: 270.14.26/2451 - Release Date: 10/22/09
08:51:00

28101. DTMF

Yahoo group: FT897 (2009)
Date: 2009-10-23 10:11:03 UTC
From: m3pww
Topic: 28101 Message: 28101

Hello to the group

I have been trying to get into a IRLP node which is near to me and I have found that the DTMF tones from my MH-59 microphone is not loud enough as when I try using a pocket tone dialer I get onto the node everytime.

Question....

Can the volume of the tones from the MH-59 mic be increased and if so how ??

Many Thanks

Paul M3PWW

28102. Re: [FT897] DTMF

Yahoo group: FT897 (2009)
Date: 2009-10-23 10:46:38 UTC
From: Trixter aka Bret McDanel
Topic: 28101 Message: 28102

On Fri, 2009-10-23 at 10:11 +0000, m3pww wrote:
>
> Can the volume of the tones from the MH-59 mic be increased and if so
> how ??

a quick google search and a scan of the manual (searching for dtmf) did
not yield anything that related to the volume being adjustable.

I am curious, are you using FM? If you are using SSB you may be able to
adjust the gain somewhat but that may make it more difficult to talk...

I have emailed my contact at vertex/yaesu asking this question, however
its almost 4am here so I do not expect an answer for hours.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28103. Re: [FT897] DTMF

Yahoo group: FT897 (2009)
Date: 2009-10-23 11:07:19 UTC
From: Paul Wright
Topic: 28101 Message: 28103

In answer to your question it is on FM to a local IRLP node number 5565

----- Original Message -----
From: Trixter aka Bret McDanel
To: FT897@yahoogroups.com
Sent: Friday, October 23, 2009 11:46 AM
Subject: Re: [FT897] DTMF

On Fri, 2009-10-23 at 10:11 +0000, m3pww wrote:
>
> Can the volume of the tones from the MH-59 mic be increased and if so
> how ??

a quick google search and a scan of the manual (searching for dtmf) did
not yield anything that related to the volume being adjustable.

I am curious, are you using FM? If you are using SSB you may be able to
adjust the gain somewhat but that may make it more difficult to talk...

I have emailed my contact at vertex/yaesu asking this question, however
its almost 4am here so I do not expect an answer for hours.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

[Non-text portions of this message have been removed]

28104. Re: [FT897] Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-23 15:19:10 UTC
From: Danny Loyd
Topic: 28061 Message: 28104

I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine from the mic. I can't remember which menu settings I have in the Radio as I am not in front of it right now.

Danny
KE5WDI

From: fred <geminifred@...>
To: FT897@yahoogroups.com
Sent: Thu, October 22, 2009 1:31:39 PM
Subject: [FT897] Re: mh-36

--- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@... > wrote:
>
> HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a (DTMF) mic since that time I have bought a mh-59a8j mic is their any way I can get the radio to accept the mh-36 so I can give it to my dad he also has a ft-897. and if not does any one know how to put in a node with out a dtmf mic so he can talk to me on 2 metters thanks for the in putkc7qhc1@ yahoo.com Mark kc7qhc

I bought an mh-36 mic thinking I could use the keypad to encode nodes with my ft-897. I could never make that happen. And then I was told that the mh-36 mic was not compatible for encoding with the ft-897.
I don't think there is a way to encode nodes without a keypad.
Fred
k6kub
>

[Non-text portions of this message have been removed]

28105. Re: [FT897] DTMF

Yahoo group: FT897 (2009)
Date: 2009-10-23 17:55:48 UTC
From: Trixter aka Bret McDanel
Topic: 28101 Message: 28105

My contact at yaesu said that there was no option to alter this in
either the mic or the radio.

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28106. Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-24 21:22:37 UTC
From: fred
Topic: 28061 Message: 28106

--- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>
> I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine from the mic. I can't remember which menu settings I have in the Radio as I am not in front of it right now.
>
> Danny
> KE5WDI
When you get a chance can you post the settings? I've gone through the menu many times trying to activate the dtmf function for this mic with no success, and other sources telling me that it won't work with the ft-897. Thanks for your help.
73,
Fred
k6kub
>
>
>
>
> _____
> From: fred <geminifred@...>
> To: FT897@yahoogroups.com
> Sent: Thu, October 22, 2009 1:31:39 PM
> Subject: [FT897] Re: mh-36
>
>
>
>
>
> --- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@ > wrote:
> >
> > HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a (DTMF) mic since that time I have bought a mh-59a8j mic is their any way I can get the radio to accept the mh-36 so I can give it to my dad he also has a ft-897. and if not does any one know how to put in a node with out a dtmf mic so he can talk to me on 2 metters thanks for the in putkc7qhc1@ yahoo.com Mark kc7qhc
>
> I bought an mh-36 mic thinking I could use the keypad to encode nodes with my ft-897. I could never make that happen. And then I was told that the mh-36 mic was not compatible for encoding with the ft-897.
> I don't think there is a way to encode nodes without a keypad.
> Fred
> k6kub
> >
>
>
>

>
> [Non-text portions of this message have been removed]
>

28107. Re: [FT897] Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-24 22:30:22 UTC
From: Finnigann
Topic: 28061 Message: 28107

On Sat, 24 Oct 2009 17:22:37 -0400, fred <geminifred@...> wrote:

>
>
> --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@...> wrote:
>>
>> I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine
>> from the mic. I can't remember which menu settings I have in the Radio
>> as I am not in front of it right now.
>>
>> Danny
>> KE5WDI
> When you get a chance can you post the settings? I've gone through the
> menu many times trying to activate the dtmf function for this mic with
> no success, and other sources telling me that it won't work with the
> ft-897. Thanks for your help.
> 73,
> Fred
> k6kub
>>

There are at least two versions of the Operating manual. The longer one is
3.2m. In it, on page 60 it mentions menu item 59 with it you can select
between NORmal ReMoTe or CAT

You should try Remote (REM). Although this is for the microphone MH-59, it
may work for the less capable MH-36.

I can't say for sure as I have the OEM mic MH-31 (wo/ and DTMF buttons.

>> --- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@ > wrote:
>> >
>> > HI bought the radio at a ham fest and it came with a yaesu mh-36 mic
>> a (DTMF) mic since that time I have bought a mh-59a8j mic is their any
>> way I can get the radio to accept the mh-36 so I can give it to my dad
>> he also has a ft-897. and if not does any one know how to put in a node
>> with out a dtmf mic so he can talk to me on 2 metters thanks for the in
>> putkc7qhc1@ yahoo.com Mark kc7qhc
>>
>> I bought an mh-36 mic thinking I could use the keypad to encode nodes
>> with my ft-897. I could never make that happen. And then I was told
>> that the mh-36 mic was not compatible for encoding with the ft-897.
>> I don't think there is a way to encode nodes without a keypad.
>> Fred
>> k6kub
>> >

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28108. built in SWR meter

Yahoo group: FT897 (2009)
Date: 2009-10-22 23:35:42 UTC
From: bryantmccall
Topic: 28108 Message: 28108

I set up an 897d with the ldg 897 turner and a simple (cheap) g5rv antenna. I was trying to make sure the swr was on after tuning with the ldg. I have 2 questions.

1. The swr meter has no numbers, only what I would call hash marks, and I have looked on line, and in the manual, and could find nothing about what marks were what values. can somebody please help tell me how to read my swr.

2. On 80, 40, 20, and 30, I saw very little if any change in the swr before and after using the tuner. I did hold the button and it did turn on the small red led, first solid, then blinking (or maybe the other way around) on the turner. Is this normal? or should I see a big change in the swr?

28109. noise

Yahoo group: FT897 (2009)
Date: 2009-10-23 13:39:45 UTC
From: bragucci
Topic: 28109 Message: 28109

Hello:
I just picked mine up yesterday, FT897D. I notice rather high noise levels, shows about S7-S8 on the bar graph. Another question, the filters, what do they do and are they used to reduce the noise level?

Thx
Bart
kd8gtp

28110. RT System software

Yahoo group: FT897 (2009)
Date: 2009-10-25 18:54:15 UTC
From: George Hartsuch
Topic: 28110 Message: 28110

Just rejoined this group.
I searched the data base on RT System software and found no info.
Can anyone supply me with the steps and settings to use this software?
Thanks
KI4NFT

Go in a good way
Geo

[Non-text portions of this message have been removed]

28111. Re: Using CAT and AMP

Yahoo group: FT897 (2009)
Date: 2009-10-23 15:31:03 UTC
From: rob hilhorst
Topic: 28032 Message: 28111

TX amp and Cat for FT897D:
No problem , i use it at the same time, the CAT and AMP.
I mad a splitter cable, one plug into the set and two female for plugging in the CAT cable and the other for the solid state relais that I use to switch the amp with tx.
The leads are explaned in the manual.
GrRob pb0aob

[Non-text portions of this message have been removed]

28112. RE: [FT897] Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 14:12:18 UTC
From: Donald Weissgerber
Topic: 28071 Message: 28112

Jethro,

I use a Jetstream model that is fully metered, front panel adjustable and automatically charges the backup lead/acid deep/cycle battery. I don't have the model number handy but google can be your friend for that hi hi.

Don

N9GOD

Join the N9GOD team on the World Community Grid project at:

http:// www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=P5GMDB2DQ1

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of kb1syv
Sent: Wednesday, October 21, 2009 10.12
To: FT897@yahoogroups.com
Subject: [FT897] Power Supply for 897D

Hi Everyone,
Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.

Thanks,

Jethro

[Non-text portions of this message have been removed]

28113. Re: Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-22 17:10:45 UTC
From: edhayes79
Topic: 28071 Message: 28113

I use a Samlex SEC1235M. It has volt and amp meters built in, 30 amps continuous and 35 amps intermittent. This should give you the power you need. It also has a a 3 year warranty. Bought mine form HRO for $139. Great unit so far!

-- In FT897@yahoogroups.com, Bernard Brownstein <bernietheb@...> wrote:
>
> I use an Astron 35M which works verywell.
> Bernie, WB2YOK
> **********
>
> On Wed, Oct 21, 2009 at 8:12 AM, kb1syv <kb1syv@...> wrote:
>
> >
> >
> > Hi Everyone,
> > Can anyone recommend an excellent power supply to use at the base station
> > for the 897D? I want something that I could run other equipment off of and
> > for future equipment growth.
> >
> > Thanks,
> >
> > Jethro
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

28114. Re: [FT897] noise

Yahoo group: FT897 (2009)
Date: 2009-10-25 19:03:14 UTC
From: Charles Scott
Topic: 28109 Message: 28114

Bart:

A few questions....

* What does the noise sound like?

* Does the noise go away when you disconnect the antenna?

* Is the noise mostly on the lower bands or do you also have high noise levels up to 10 and 6 Meters.

* What kind of antenna are you using and what's around it (power lines, other buildings, etc...)?

* Is your antenna directional and rotateable, and if so is the noise stronger in certain directions?

* Are you close to an AM broadcast station (within about 2-5 miles)?

* Do you have many computers or other potential noise sources running in your house?

The filters help eliminate nearby interfering signals and can help to reduce noise. They likely won't turn an S8 noise level into an S1 noise level.

Chuck - N8DNX

bragucci wrote:
> Hello:
> I just picked mine up yesterday, FT897D. I notice rather high noise levels, shows about S7-S8 on the bar graph. Another question, the filters, what do they do and are they used to reduce the noise level?
>
> Thx
> Bart
> kd8gtp
>
>

28115. Re: [FT897] built in SWR meter

Yahoo group: FT897 (2009)
Date: 2009-10-25 19:18:40 UTC
From: Carl Wulfestieg
Topic: 28108 Message: 28115

Bryan?

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "FILES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT Electronics http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28116. Re: [FT897] built in SWR meter

Yahoo group: FT897 (2009)
Date: 2009-10-25 19:22:55 UTC
From: Finnigann
Topic: 28108 Message: 28116

On Thu, 22 Oct 2009 19:35:42 -0400, bryantmccall <bryantmccall@...>
wrote:

> I set up an 897d with the ldg 897 turner and a simple (cheap) g5rv
> antenna. I was trying to make sure the swr was on after tuning with the
> ldg. I have 2 questions.
>
> 1. The swr meter has no numbers, only what I would call hash marks,
> and I have looked on line, and in the manual, and could find nothing
> about what marks were what values. can somebody please help tell me how
> to read my swr.

Looking around, I confirmed my suspicions. It's a standard log scale
(Looks like anyway)

```
|__|__|__|__|__|__|__|__|____|____|____|
^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^
1 2 3 4 5 6 7 8 9 20 40 60
```

What THESE numbers mean... well they get bigger don't they?!? And more's
better.

>
> 2. On 80, 40, 20, and 30, I saw very little if any change in the swr
> before and after using the tuner. I did hold the button and it did turn
> on the small red led, first solid, then blinking (or maybe the other way
> around) on the turner. Is this normal? or should I see a big change in
> the swr?
>

The SWR meter reports what you have. So it sounds like you got it right in
one.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28117. Re: [FT897] built in SWR meter

Yahoo group: FT897 (2009)
Date: 2009-10-25 19:29:29 UTC
From: Carl Wulfestieg
Topic: 28108 Message: 28117

Sorry- click on "MESSAGES" then search for Message 5278 73 Carl

[Non-text portions of this message have been removed]

28118. Re: noise

Yahoo group: FT897 (2009)
Date: 2009-10-25 19:41:59 UTC
From: bragucci
Topic: 28109 Message: 28118

Hi Chuck,
The 897 replaces my Kenwood TS-820, which was attached to the same antenna, same location, same conditions. I did manage to get it down to S4 on the lower bands so I'm thinking this may be normal for this radio? I used the TS-820 for years so I may be used to a different level of static then what this little radio puts out. I made my first contact with this unit Sat morning to the west indies so I guess it's functioning ok. This weekend has been fantastic for DX, with the sunspots and the DX contests going on if you can't make an overseas contact something is wrong :)

Thx
Bart

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:
>
> Bart:
>
> A few questions....
>
> * What does the noise sound like? loud static
>
> * Does the noise go away when you disconnect the antenna? yes
>
> * Is the noise mostly on the lower bands or do you also have high noise
> levels up to 10 and 6 Meters. just on the lower- 20/40
>
> * What kind of antenna are you using and what's around it (power lines,
> other buildings, etc...)? g5rv
>
> * Is your antenna directional and rotateable, and if so is the noise
> stronger in certain directions?
>
> * Are you close to an AM broadcast station (within about 2-5 miles)?no
>
> * Do you have many computers or other potential noise sources running in
> your house? just my laptop
>
> The filters help eliminate nearby interfering signals and can help to
> reduce noise. They likely won't turn an S8 noise level into an S1 noise
> level.
>
> Chuck - N8DNX
>
>
> bragucci wrote:
> > Hello:

> > I just picked mine up yesterday, FT897D. I notice rather high noise levels, shows about S7-S8 on the bar graph. Another question, the filters, what do they do and are they used to reduce the noise level?
> >
> > Thx
> > Bart
> > kd8gtp
> >
> >
>

28119. Hello

Yahoo group: FT897 (2009)
Date: 2009-10-25 20:10:03 UTC
From: Ben Ramler
Topic: 9692 Message: 28119

Hi group members,

Well I am finally getting really really close to get my 897D. So as I get close is there anything I should be aware of with this radio?

73,

Ben Ramler, KØBLR
Minessota ARESMAT EC

28120. Re: [FT897] Re: noise

Yahoo group: FT897 (2009)
Date: 2009-10-25 20:53:09 UTC
From: Charles Scott
Topic: 28109 Message: 28120

Bart:

Considering that S-Meter calibration is not consistent between radios, it's possible you're really dealing with the same level of noise as you did with the TS-820. If you still have the 820 you could do an A-B comparison. Otherwise, I'm sure you'll know in a bit if your ability to copy other stations is about the same. There are, however, some things that have been known to introduce noise into 897s, including internal power supplies and strong signals from nearby AM broadcast stations. It sounds, however, like you're having good fun with the radio.

Chuck - N8DNX

bragucci wrote:
> Hi Chuck,
> The 897 replaces my Kenwood TS-820, which was attached to the same antenna, same location, same conditions. I did manage to get it down to S4 on the lower bands so I'm thinking this may be normal for this radio? I used the TS-820 for years so I may be used to a different level of static then what this little radio puts out. I made my first contact with this unit Sat morning to the west indies so I guess it's functioning ok. This weekend has been fantastic for DX, with the sunspots and the DX contests going on if you can't make an overseas contact something is wrong :)
>
> Thx
> Bart
>
>

28121. Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-25 22:36:47 UTC
From: fred
Topic: 28061 Message: 28121

--- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>
> On Sat, 24 Oct 2009 17:22:37 -0400, fred <geminifred@...> wrote:
>
> >
> >
> > --- In FT897@yahoogroups.com, Danny Loyd <ke5wdi@> wrote:
> >>
> >> I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine
> >> from the mic. I can't remember which menu settings I have in the Radio
> >> as I am not in front of it right now.
> >>
> >> Danny
> >> KE5WDI
> > When you get a chance can you post the settings? I've gone through the
> > menu many times trying to activate the dtmf function for this mic with
> > no success, and other sources telling me that it won't work with the
> > ft-897. Thanks for your help.
> > 73,
> > Fred
> > k6kub
> >>
>
> There are at least two versions of the Operating manual. The longer one is
> 3.2m. In it, on page 60 it mentions menu item 59 with it you can select
> between NORmal ReMoTe or CAT
>
> You should try Remote (REM). Although this is for the microphone MH-59, it
> may work for the less capable MH-36.
>
> I can't say for sure as I have the OEM mic MH-31 (wo/ and DTMF buttons.
>
> I'll try it and let you know what happens. Thanks
Fred
k6kub
>
> >> --- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@ > wrote:
> >> >
> >> > HI bought the radio at a ham fest and it came with a yaesu mh-36 mic
> >> a (DTMF) mic since that time I have bought a mh-59a8j mic is their any
> >> way I can get the radio to accept the mh-36 so I can give it to my dad
> >> he also has a ft-897. and if not does any one know how to put in a node
> >> with out a dtmf mic so he can talk to me on 2 metters thanks for the in
> >> putkc7qhc1@ yahoo.com Mark kc7qhc
> >>

> >> I bought an mh-36 mic thinking I could use the keypad to encode nodes
> >> with my ft-897. I could never make that happen. And then I was told
> >> that the mh-36 mic was not compatible for encoding with the ft-897.
> >> I don't think there is a way to encode nodes without a keypad.
> >> Fred
> >> k6kub
> >> >
>
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>

28122. Re: [FT897] Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 00:10:16 UTC
From: DavidN
Topic: 9692 Message: 28122

OK, if you don't mind the FM-Normal and FM-Narrow squelch settings being quite different, there not being enough IF gain so you have to turn the volume up to copy weak signals and the S-meter doesn't show correctly, that the memory tune cannot be altered from 2.5kHz steps to any other step even if you set it in the menu, and that on receive FM can be quite muddy on many FM stations (OK on SSB for some reason).

Otherwise the 897 is OK, especially if you have the MH-59 mic (has to be purchased seperately as Yaesu kindly give a non-DTMF mic with the rig (absolutely no use in the UK with IRLP nodes)), and adjust the SSB and FM mic gains (see other recent posts for settings).

It's not a small rig for installing in vehicles but I managed to shoe-horn it into my, let's say, economy car :) Good to be able to sort out all the memories by connecting to the computer. Don't bother with the expensive CAT cables, go to Ebay and you can get one for a good price. ;)

In the UK the internal batteries are £100 (quite a rip off) and the charger extra so go for the cheaper gel packs that are available if you truly want to go /P or go for an external battery and then get the full 100w.

I've not installed the alternative filters yet but those who have seem happy with the 2.9kHz for SSB (some think the 2.3 and 2.0 too narrow).

To sum up, this is a full HF reciever with many bells and whistles, for VHF/UHF it doesn't have all the bells and whistles that dedicated rigs for those bands have.

Any questions about particular aspects?

David G4TUP/9H3CU.

On Sun, Oct 25, 2009 at 8:10 PM, Ben Ramler <ben_ramler2002@...>wrote:

>
>
> Hi group members,
>
> Well I am finally getting really really close to get my 897D. So as I
> get close is there anything I should be aware of with this radio?
>
> 73,
>
> Ben Ramler, KØBLR
> Minessota ARESMAT EC
>
>

[Non-text portions of this message have been removed]

28123. Testing for bounced mail

Yahoo group: FT897 (2009)
Date: 2009-10-26 00:34:18 UTC
From: KenW
Topic: 28123 Message: 28123

Found out mail has been bounced from Yahoo.

Ken

28124. Re: [FT897] Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 02:03:05 UTC
From: tailfeathers
Topic: 9692 Message: 28124

If you are looking at what all it can do then you will love it...It gives up some audio quality and it is a noisy radio compared to any Kenwood HF radio but it is still quite nice...I just sold 3 radios...2 vhf/uhf and a TS-50 HF radio and the 897 does everything they did...If however all you want is HF then I would buy a TS-480...

Gary
n8gsj

Ben Ramler wrote:
> Hi group members,
>
> Well I am finally getting really really close to get my 897D. So as I get close is there anything I should be aware of with this radio?
>
> 73,
>
> Ben Ramler, K?BLR
> Minessota ARESMAT EC
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
> --
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.423 / Virus Database: 270.14.32/2459 - Release Date: 10/25/09 19:57:00
>
>

_____
Weight Loss Program
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2141/c?cp=GV7ntIRT6gmA2O1d_7uq9wAAJ1BGa6ejTVXr4Gi35pj1YZbJAAYAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAEUgAAAAA=

28125. Re: [FT897] noise

Yahoo group: FT897 (2009)
Date: 2009-10-26 02:06:21 UTC
From: tailfeathers
Topic: 28109 Message: 28125

That seems to be very typical with these radios...I was just A/Bing it
with a TS-50 I was selling and the difference is noticeable...Same with
my TS-570 and my TS-2000...

Gary
n8gsj

bragucci wrote:
> Hello:
> I just picked mine up yesterday, FT897D. I notice rather high noise levels, shows about S7-S8 on the bar graph. Another question, the filters, what do they do and are they used to reduce the noise level?
>
> Thx
> Bart
> kd8gtp
>
>
>

_____
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTFoYba9JNzGN5QNMOHtbjOFGPdBPBcEDpHevgvGmqkIP1jh3epd6I/

28126. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 08:19:53 UTC
From: Rex
Topic: 9692 Message: 28126

Definitely invest in ssome Inrad filters if you plan to use it on digital modes (RTTY) or VHF/UHF Dx..

--- In FT897@yahoogroups.com, tailfeathers <tailfeathers@...> wrote:
>
> If you are looking at what all it can do then you will love it...It
> gives up some audio quality and it is a noisy radio compared to any
> Kenwood HF radio but it is still quite nice...I just sold 3 radios...2
> vhf/uhf and a TS-50 HF radio and the 897 does everything they did...If
> however all you want is HF then I would buy a TS-480...
>
> Gary
> n8gsj
>
>
>
> Ben Ramler wrote:
> > Hi group members,
> >
> > Well I am finally getting really really close to get my 897D. So as I get close is there anything I should be aware of with this radio?
> >
> > 73,
> >
> > Ben Ramler, KØBLR
> > Minessota ARESMAT EC
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> > --
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.5.423 / Virus Database: 270.14.32/2459 - Release Date: 10/25/09 19:57:00
> >
> >
> ____
> Weight Loss Program

> Best Weight Loss Program - Click Here!
> http://thirdpartyoffers.juno.com/TGL2141/c?cp=GV7ntIRT6gmA2O1d_7uq9wAAJ1BGa6ejTVXr4Gi35pj1YZbJAAYAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAEUgAAAAA=
>

28127. Re: [FT897] Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-26 15:23:56 UTC
From: Danny Loyd
Topic: 28061 Message: 28127

I will make myself a note to check when I get home, but I use the DTMF function on our local repeater all the time.

Danny
KE5WDI

From: fred <geminifred@...>
To: FT897@yahoogroups.com
Sent: Sat, October 24, 2009 4:22:37 PM
Subject: [FT897] Re: mh-36

--- In FT897@yahoogroups. com, Danny Loyd <ke5wdi@...> wrote:
>
> I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine from the mic. I can't remember which menu settings I have in the Radio as I am not in front of it right now.
>
> Danny
> KE5WDI
When you get a chance can you post the settings? I've gone through the menu many times trying to activate the dtmf function for this mic with no success, and other sources telling me that it won't work with the ft-897. Thanks for your help.
73,
Fred
k6kub
>
>
>
>
> ---
> From: fred <geminifred@ ...>
> To: FT897@yahoogroups. com
> Sent: Thu, October 22, 2009 1:31:39 PM
> Subject: [FT897] Re: mh-36
>
>
>
>
>
> --- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@ > wrote:
> >
> > HI bought the radio at a ham fest and it came with a yaesue mh-36 mic a (DTMF) mic since that time I have bought a mh-59a8j mic is their any way I can get the radio to accept the mh-36 so I can give it to my dad he also has a ft-897. and if not does any one know how to put in a node with out a dtmf mic so he can talk to me on 2 metters thanks for the in putkc7qhc1@ yahoo.com Mark kc7qhc

>
> I bought an mh-36 mic thinking I could use the keypad to encode nodes with my ft-897. I could never make that happen. And then I was told that the mh-36 mic was not compatible for encoding with the ft-897.
> I don't think there is a way to encode nodes without a keypad.
> Fred
> k6kub
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

28128. Re: [FT897] Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 15:33:52 UTC
From: K9ZTV
Topic: 9692 Message: 28128

Yes there is.

Read the manual.

Read it a second time.

Read it a third time.

When you can't figure something out, read it again.

95% of the questions on this reflector are answered in the manual.

73,

Kent K9ZTV

Ben Ramler wrote:
>
>
> Hi group members,
>
> Well I am finally getting really really close to get my 897D. So
> as I get close is there anything I should be aware of with this radio?
>
> 73,
>
> Ben Ramler, KØBLR
> Minessota ARESMAT EC
>
>

[Non-text portions of this message have been removed]

28129. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 16:43:26 UTC
From: oldmayorkd5lbe
Topic: 9692 Message: 28129

From KD5LBE

This may be a second posting my first didn't seem to make it. K9ZTV was a little hard but he is right that reading the manual and trying out the functions is the first thing that you should try, but there are three things that are not listed in the manuals. Get an antenna analyzer and check your antenna to be sure that you have something to transmit into. Second get an external watt meter, the thing in the radio is only marginal. And third, the manual says that you can transmit 100 watts SSB. Don't believe it, there are a lot of reasons so don't bundle up your radio and send it back. There have been a lot of questions asked about this subject and a lot to learn. The only real way to know what your radio can do is to transmit into a dummy load. Enjoy your new friend. 73's

--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> Yes there is.
>
> Read the manual.
>
> Read it a second time.
>
> Read it a third time.
>
> When you can't figure something out, read it again.
>
> 95% of the questions on this reflector are answered in the manual.
>
> 73,
>
> Kent K9ZTV
>
>
>
> Ben Ramler wrote:
> >
> >
> > Hi group members,
> >
> > Well I am finally getting really really close to get my 897D. So
> > as I get close is there anything I should be aware of with this radio?
> >
> > 73,
> >
> > Ben Ramler, KØBLR
> > Minessota ARESMAT EC
> >

> >
>
>
> [Non-text portions of this message have been removed]
>

28130. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 16:25:00 UTC
From: oldmayorkd5lbe
Topic: 9692 Message: 28130

From KD5LBE, Stewart

The response was a little hard, but he is right that reading the manual is more important than plugging in the radio. I would offer you three suggestions that are not in the manual. First get an antenna analyzer to make sure your radio is hooked up to a good antenna. Second, get an external watt meter to see what your radio is putting out and what is being reflected. Third, just because the book says you can put our 100 watts SSB don't expect it to do it. There are reasons that you will learn about as you spend more time in HAM radio. None of these suggestions are in the book.
Good luck and enjoy your new friend. 73
--- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
> Yes there is.
>
> Read the manual.
>
> Read it a second time.
>
> Read it a third time.
>
> When you can't figure something out, read it again.
>
> 95% of the questions on this reflector are answered in the manual.
>
> 73,
>
> Kent K9ZTV
>
>
>
> Ben Ramler wrote:
> >
> >
> > Hi group members,
> >
> > Well I am finally getting really really close to get my 897D. So
> > as I get close is there anything I should be aware of with this radio?
> >
> > 73,
> >
> > Ben Ramler, KØBLR
> > Minessota ARESMAT EC
> >
> >
>

>
> [Non-text portions of this message have been removed]
>

28131. Memory Tune Step

Yahoo group: FT897 (2009)
Date: 2009-10-26 19:17:53 UTC
From: kav246
Topic: 28131 Message: 28131

""the memory tune cannot be altered from 2.5kHz steps to any other step" ""even if you set it in the menu""

28132. [FT897] Fan ?

Yahoo group: FT897 (2009)
Date: 2009-10-26 19:19:53 UTC
From: Bitpool
Topic: 28132 Message: 28132

HI!

This may be a bit off topic, but.. Does anyone know the physical size if the fans in the FT-897D?

At first glance it seem to me like it is the standard 60mm x 60mm x 25mm? Yes I could just disasemble the radio, but why make things harder than needed to :)

Thanks in advance

Cheers

/Michael Jensen(oz8abr)

28133. Memory Tune Step (was Re Hello)

Yahoo group: FT897 (2009)
Date: 2009-10-26 19:43:26 UTC
From: kav246
Topic: 28133 Message: 28133

First of all, sorry for the empty post that precedes this one. Looks like I done got a fat thumb!

So, in response to this snip from the "Hello" thread,

""the memory tune cannot be altered from 2.5kHz steps to any other step" ""even if you set it in the menu""

Mine is used almost exclusively as a "spot frequency" receiver. I have two VFOs set to certain spots and most of the memories loaded up with others so I almost never use any "tune" controls. Thus my curiosity got the better of me and I had to go switch it on and see what happened coz my vague recollection from the set up two odd years ago was that the above quote was not so in my case. Bear in mind that I could only check it "as it stands" as I've forgotton how to even change the step size!

No matter what I turned I couldn't get mine to tune in 2.5khz steps from a memory.

On SSB the steps are 1kc on the Ch selector knob and 100hz on the main dial. (I think thats right! Ch knob changes 3rd decimal place by ones, main vfo changes 5th!). On FM it was 12.5 on the Ch and 1kc on the main dial.

I know, in VFO mode I have 1 40m and 1 17m VFO which are stuck in 2.5kc step but I'm assuming that coz I forgot to store something when I prog'd it. The other two VFO's of the same bands are on single digits like I wanted.

One of these days I'll hook it up again and fix it, along with the various mems containing 7.000.00 but until then it does me as it is.

So, I'm sure if you keep trying you'll get shot of the 2.5s you just have to keep trying.

Kav

PS I just thought! Maybe the memory channel is storing the step size that particular VFO was in when you progged it. Try proging it again, from a VFO, making sure first that the VFO you use is set to the step size you require.

28134. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-26 21:21:25 UTC
From: tailfeathers
Topic: 9692 Message: 28134

He wasn't asking about how to run the radio...He was asking about is there any reason not to buy the radio...ZTV needs to get a clue on how not to be rude...

Gary

oldmayorkd5lbe wrote:
> >From KD5LBE
>
> This may be a second posting my first didn't seem to make it. K9ZTV was a little hard but he is right that reading the manual and trying out the functions is the first thing that you should try, but there are three things that are not listed in the manuals. Get an antenna analyzer and check your antenna to be sure that you have something to transmit into. Second get an external watt meter, the thing in the radio is only marginal. And third, the manual says that you can transmit 100 watts SSB. Don't believe it, there are a lot of reasons so don't bundle up your radio and send it back. There have been a lot of questions asked about this subject and a lot to learn. The only real way to know what your radio can do is to transmit into a dummy load. Enjoy your new friend. 73's
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@...> wrote:
>
>> Yes there is.
>>
>> Read the manual.
>>
>> Read it a second time.
>>
>> Read it a third time.
>>
>> When you can't figure something out, read it again.
>>
>> 95% of the questions on this reflector are answered in the manual.
>>
>> 73,
>>
>> Kent K9ZTV
>>
>>
>>
>> Ben Ramler wrote:
>>
>>>
>>>
>>> Hi group members,
>>>

>>> Well I am finally getting really really close to get my 897D. So
>>> as I get close is there anything I should be aware of with this radio?
>>>
>>> 73,
>>>
>>> Ben Ramler, K?BLR
>>> Minessota ARESMAT EC
>>>
>>>
>>>
>> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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>
> --
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.423 / Virus Database: 270.14.32/2460 - Release Date: 10/26/09 08:10:00
>
>

_____
Cheap Diet Help Tips. Click here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTMerr3k5hV9CiV8mDoNsiPV7ImXvR1GUSwp8ccFn4ucQN4yTmedpO/

28135. Re: [FT897] Re: mh-36

Yahoo group: FT897 (2009)
Date: 2009-10-27 00:44:56 UTC
From: Danny Loyd
Topic: 28061 Message: 28135

Okay, I just finished checking out my MH36 mic on the IRLP and ECHOLINK nodes with great success on the FT897D. You have to put Menu 059 in NOR to make it work. Was able to connect with Edmonton, Alberto, but no one answered my call.

Danny
KE5WDI

_____
From: fred <geminifred@...>
To: FT897@yahoogroups.com
Sent: Sun, October 25, 2009 5:36:47 PM
Subject: [FT897] Re: mh-36

--- In FT897@yahoogroups. com, Finnigann <finnigann2580@ ...> wrote:
>
> On Sat, 24 Oct 2009 17:22:37 -0400, fred <geminifred@ ...> wrote:
>
> >
> >
> > --- In FT897@yahoogroups. com, Danny Loyd <ke5wdi@> wrote:
> >>
> >> I have the MH-36 mic and can put in IRLP and ECHOLINK nodes just fine
> >> from the mic. I can't remember which menu settings I have in the Radio
> >> as I am not in front of it right now.
> >>
> >> Danny
> >> KE5WDI
> > When you get a chance can you post the settings? I've gone through the
> > menu many times trying to activate the dtmf function for this mic with
> > no success, and other sources telling me that it won't work with the
> > ft-897. Thanks for your help.
> > 73,
> > Fred
> > k6kub
> >>
>
> There are at least two versions of the Operating manual. The longer one is
> 3.2m. In it, on page 60 it mentions menu item 59 with it you can select
> between NORmal ReMoTe or CAT
>
> You should try Remote (REM). Although this is for the microphone MH-59, it
> may work for the less capable MH-36.
>
> I can't say for sure as I have the OEM mic MH-31 (wo/ and DTMF buttons.
>
> I'll try it and let you know what happens. Thanks

Fred
k6kub
>
> >> --- In FT897@yahoogroups. com, "kc7qhc1" <kc7qhc1@ > wrote:
> >> >
> >> > HI bought the radio at a ham fest and it came with a yaesu mh-36 mic
> >> a (DTMF) mic since that time I have bought a mh-59a8j mic is their any
> >> way I can get the radio to accept the mh-36 so I can give it to my dad
> >> he also has a ft-897. and if not does any one know how to put in a node
> >> with out a dtmf mic so he can talk to me on 2 metters thanks for the in
> >> putkc7qhc1@ yahoo.com Mark kc7qhc
> >>
> >> I bought an mh-36 mic thinking I could use the keypad to encode nodes
> >> with my ft-897. I could never make that happen. And then I was told
> >> that the mh-36 mic was not compatible for encoding with the ft-897.
> >> I don't think there is a way to encode nodes without a keypad.
> >> Fred
> >> k6kub
> >> >
>
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl. com/bcarc12
> http://my.opera. com/Finnigann/ blog
> http://community. webshots. com/user/ finnigann
>

[Non-text portions of this message have been removed]

28136. Swapping driver FETs in 857/897, step 2

Yahoo group: FT897 (2009)
Date: 2009-10-27 11:58:28 UTC
From: Geert Jan de Groot
Topic: 28136 Message: 28136

Some time ago I asked about how to replace the driver MOSFETs
on the main board (top) as mine were blown by a previous owner.

I have been able to successfully swap the defective 2SK2975
with RD07MVS1 MOSFETs. I was able to adjust bias (the old FETs
didn't do any of that), and was able to get plenty output
on nearly all the bands.

Nearly. Output on 70cms was extremely low, up to max 2.5W instead
of the 20W the rig should give.

I did check the power level from the driver stage (main board)
to the PA board, using the "red" cable to interconnect them.

I did an extensive check of all stages of the radio, and had a very
informative chat with one of the techs at Yaesu. Summary:
- Driver should provide at least 5W drive on VHF/UHF,
up to as much as 17W on the HF bands
- My rig provides all that, except that it's max 150mW on 70cm
- I ran the various stages through sweep generators, etc, and
found that all circuitry was working fine, the TX filters up to spec,
etc.
- Except the driver stage. Gain was 15dB down, compared to 2m.

Turns out that the 2SK2975 and RD07MVS1 are *not* interchangable,
and broken 2SK2975's really want to be replaced with other 2SK2975's,
not the newer part. There are some compensation networks that are
not easily adapted, that need to be changed when you change the part.

To make a long story brief, a couple of 2SK2975's (as well as
some other parts) are now on it's way to me.

I'll report back when I have been able to swap out the components affected,
but for now, in contrast to what mods.dk says, swapping them out may not
neccessary work. I hope my replacement 2SK2975's do work.
BTW, this is on a lot 07 radio.

Geert Jan

PS: the service manual typically found on the web is 'rev A'.
The latest is 'rev C' and is a lot, lot different. Be aware!

28137. Re: [FT897] Memory Tune Step (was Re Hello)

Yahoo group: FT897 (2009)
Date: 2009-10-27 16:33:43 UTC
From: DavidN
Topic: 28133 Message: 28137

Quote> PS I just thought! Maybe the memory channel is storing the step size that particular VFO was in when you progged it. Try proging it again, from a VFO, making sure first that the VFO you use is set to the step size you require. <Unquote.

Good idea. Will try that. It's quite annoying as it is.....

.d. G4TUP.

On Mon, Oct 26, 2009 at 7:43 PM, kav246 <smartlock.pro@...> wrote:

>
>
> First of all, sorry for the empty post that precedes this one. Looks like I
> done got a fat thumb!
>
> So, in response to this snip from the "Hello" thread,
>
> ""the memory tune cannot be altered from 2.5kHz steps to any other step"
> ""even if you set it in the menu""
>
> Mine is used almost exclusively as a "spot frequency" receiver. I have two
> VFOs set to certain spots and most of the memories loaded up with others so
> I almost never use any "tune" controls. Thus my curiosity got the better of
> me and I had to go switch it on and see what happened coz my vague
> recollection from the set up two odd years ago was that the above quote was
> not so in my case. Bear in mind that I could only check it "as it stands" as
> I've forgotton how to even change the step size!
>
> No matter what I turned I couldn't get mine to tune in 2.5khz steps from a
> memory.
>
> On SSB the steps are 1kc on the Ch selector knob and 100hz on the main
> dial. (I think thats right! Ch knob changes 3rd decimal place by ones, main
> vfo changes 5th!). On FM it was 12.5 on the Ch and 1kc on the main dial.
>
> I know, in VFO mode I have 1 40m and 1 17m VFO which are stuck in 2.5kc
> step but I'm assuming that coz I forgot to store something when I prog'd it.
> The other two VFO's of the same bands are on single digits like I wanted.
>
> One of these days I'll hook it up again and fix it, along with the various
> mems containing 7.000.00 but until then it does me as it is.
>
> So, I'm sure if you keep trying you'll get shot of the 2.5s you just have
> to keep trying.
>

> Kav
>
> PS I just thought! Maybe the memory channel is storing the step size that
> particular VFO was in when you progged it. Try proging it again, from a VFO,
> making sure first that the VFO you use is set to the step size you require.
>
>
>

[Non-text portions of this message have been removed]

28138. Clicking Noise on 2m tx

Yahoo group: FT897 (2009)
Date: 2009-10-27 20:16:15 UTC
From: Scot Jones
Topic: 28133 Message: 28138

Hi,

Ive noticed an interesting problem on my 897.

When transmitting on 2m FM I can hear a faint clicking from the radio.

The voltage is around 11.5 volts, could this be the reason?

I don't notice any power drop and the swr is about 1.5 according to the radios external meter.

Any ideas?

Kind regards, Scot M1AFY

[Non-text portions of this message have been removed]

28139. Re: [FT897] Clicking Noise on 2m tx

Yahoo group: FT897 (2009)
Date: 2009-10-27 20:27:36 UTC
From: k5wlf@rebelwolf.com
Topic: 28139 Message: 28139

The radio is rated for 13.8 VDC ?15%. That gives it a low-end spec of 11.73 volts. I can't tell you for sure what's causing the clicking, but try bringing the voltage up within factory specs -- preferably around 13.8 -- and see if it goes away.

73,
ldb
K5WLF

> -------Original Message-------
> From: Scot Jones <scot@...>
> Subject: [FT897] Clicking Noise on 2m tx
> Sent: 27 Oct '09 14:16
>
> Hi,
>
>
>
> Ive noticed an interesting problem on my 897.
>
>
>
> When transmitting on 2m FM I can hear a faint clicking from the radio.
>
>
>
> The voltage is around 11.5 volts, could this be the reason?
>
>
>
> I don't notice any power drop and the swr is about 1.5 according to the
> radios external meter.
>
>
>
> Any ideas?
>
>
>
> Kind regards, Scot M1AFY
>
>
>
> [Non-text portions of this message have been removed]
>
>

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>
> Yahoo! Groups Links
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28140. No transmit on HF

Yahoo group: FT897 (2009)
Date: 2009-10-28 01:32:04 UTC
From: KD5BLZ
Topic: 28140 Message: 28140

Hi
I recently purchased a ldg ft-meter my 897d was working great before I installed it. The Radio was turned off during install.
Now I cannot transmit on HF. Even if I disconnect and reset my rig no luck.
Works fine on VHF and UHF any ideals?
Thanks
Nathan Watts
kd5blz

28141. Re: Swapping driver FETs in 857/897, step 2

Yahoo group: FT897 (2009)
Date: 2009-10-28 02:45:12 UTC
From: W1AEX
Topic: 28136 Message: 28141

Thank you for detailing your experience with this Geert Jan. Also for the caution regarding the service manual revisions. Looking forward to reading about your successful repair with the 2SK2975's!

73,

Rob W1AEX

>
> I'll report back when I have been able to swap out the components affected,
> but for now, in contrast to what mods.dk says, swapping them out may not
> neccessary work. I hope my replacement 2SK2975's do work.
> BTW, this is on a lot 07 radio.
>
> Geert Jan
>
> PS: the service manual typically found on the web is 'rev A'.
> The latest is 'rev C' and is a lot, lot different. Be aware!
>

28142. Re: Swapping driver FETs in 857/897, step 2

Yahoo group: FT897 (2009)
Date: 2009-10-28 08:17:51 UTC
From: Rex
Topic: 28136 Message: 28142

This is a similar problem to the finals of the FT-817.. Users are recommended to change out the whole board (ita separate PCB which s convienient) as the circuitry had to be changed and as you observed the RD07MS1 is not a direct replacement. But maybe a look at the new finals board for the FT-817 would give ou the changes you requie to get the gain on 70cm??

--- In FT897@yahoogroups.com, Geert Jan de Groot <pe1hzg@...> wrote:
>
>
> Some time ago I asked about how to replace the driver MOSFETs
> on the main board (top) as mine were blown by a previous owner.
>
> I have been able to successfully swap the defective 2SK2975
> with RD07MVS1 MOSFETs. I was able to adjust bias (the old FETs
> didn't do any of that), and was able to get plenty output
> on nearly all the bands.
>
> Nearly. Output on 70cms was extremely low, up to max 2.5W instead
> of the 20W the rig should give.
>
> I did check the power level from the driver stage (main board)
> to the PA board, using the "red" cable to interconnect them.
>
> I did an extensive check of all stages of the radio, and had a very
> informative chat with one of the techs at Yaesu. Summary:
> - Driver should provide at least 5W drive on VHF/UHF,
> up to as much as 17W on the HF bands
> - My rig provides all that, except that it's max 150mW on 70cm
> - I ran the various stages through sweep generators, etc, and
> found that all circuitry was working fine, the TX filters up to spec,
> etc.
> - Except the driver stage. Gain was 15dB down, compared to 2m.
>
> Turns out that the 2SK2975 and RD07MVS1 are *not* interchangable,
> and broken 2SK2975's really want to be replaced with other 2SK2975's,
> not the newer part. There are some compensation networks that are
> not easily adapted, that need to be changed when you change the part.
>
> To make a long story brief, a couple of 2SK2975's (as well as
> some other parts) are now on it's way to me.
>
> I'll report back when I have been able to swap out the components affected,
> but for now, in contrast to what mods.dk says, swapping them out may not
> neccessary work. I hope my replacement 2SK2975's do work.
> BTW, this is on a lot 07 radio.
>

> Geert Jan
>
> PS: the service manual typically found on the web is 'rev A'.
> The latest is 'rev C' and is a lot, lot different. Be aware!
>

28143. Re: Swapping driver FETs in 857/897, step 2

Yahoo group: FT897 (2009)
Date: 2009-10-28 08:50:49 UTC
From: axxxxel
Topic: 28136 Message: 28143

Hi GJ,

Yes, the most widely spread service manual is version A of 1003. You say that the latest version is very different. My question: How did you put your hands on version C? I am very interested!

73s de Axel
PA1XL

--- In FT897@yahoogroups.com, Geert Jan de Groot <pe1hzg@...> wrote:

>
> PS: the service manual typically found on the web is 'rev A'.
> The latest is 'rev C' and is a lot, lot different. Be aware!
>

28144. Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-28 10:56:38 UTC
From: Geert Jan de Groot
Topic: 28144 Message: 28144

I got a number of questions like this:

> Yes, the most widely spread service manual is version A of 1003.
> You say that the latest version is very different.
> My question: How did you put your hands on version C? I am very interested!

Yaesu UK has been very helpful shipping both service manuals and parts,
for a modest fee. I am happy to pay for that - hopefully it helps
keeping the spares/doc services available to us.

I must admit it's a damn shame that the dealers, these days, don't
carry these items anymore.

From speaking to the Yaesu tech, the big difference is that the A rev
(which I have) only shows one set of schematics/drawings, while the
C rev shows the diagrams of the different lot numbers
(and thus, differences in driver circuits, etc)
Since I'm working out these differences, I did order the C manual
with my latest spares order.

73,

Geert Jan

28145. Re: [FT897] Clicking Noise on 2m tx

Yahoo group: FT897 (2009)
Date: 2009-10-28 11:13:08 UTC
From: DavidN
Topic: 28139 Message: 28145

Mine starts going 'funny' at below 11.8v.....

.d.
G4TUP.

On Tue, 27 Oct 2009 at 8:27 PM, <k5wlf@...> wrote:

>
>
> The radio is rated for 13.8 VDC ±15%. That gives it a low-end spec of 11.73
> volts. I can't tell you for sure what's causing the clicking, but try
> bringing the voltage up within factory specs -- preferably around 13.8 --
> and see if it goes away.
>
> 73,
> ldb
> K5WLF
>
>
> > -------Original Message-------
> > From: Scot Jones <scot@... <scot%40scotjones.co.uk>>
> > Subject: [FT897] Clicking Noise on 2m tx
> > Sent: 27 Oct '09 14:16
> >
> > Hi,
> >
> >
> >
> > Ive noticed an interesting problem on my 897.
> >
> >
> >
> > When transmitting on 2m FM I can hear a faint clicking from the radio.
> >
> >
> >
> > The voltage is around 11.5 volts, could this be the reason?
> >
> >
> >
> > I don't notice any power drop and the swr is about 1.5 according to the
> > radios external meter.
> >
> >
> >
> > Any ideas?

> >
> >
> >
> > Kind regards, Scot M1AFY
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

28146. Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-28 11:49:29 UTC
From: rschaffrath
Topic: 28144 Message: 28146

The FT-897D service manual that I have is dated 2005. It covers up to lot 51. For example on the first page of the MAIN Unit parts list, it has a break down for lots 1-28, 29-50 and 51-. There are four different layouts for the PANEL Unit; original, lots 3-, 12- and 13-. This manual does not note the change of the 2SC3102 drivers to RD70HVF1.

Robert, N2JTX

--- In FT897@yahoogroups.com, Geert Jan de Groot <pe1hzg@...> wrote:
>
>
>
> I got a number of questions like this:
>
> > Yes, the most widely spread service manual is version A of 1003.
> > You say that the latest version is very different.
> > My question: How did you put your hands on version C? I am very interested!
>
> Yaesu UK has been very helpful shipping both service manuals and parts,
> for a modest fee. I am happy to pay for that - hopefully it helps
> keeping the spares/doc services available to us.
>
> I must admit it's a damn shame that the dealers, these days, don't
> carry these items anymore.
>
> From speaking to the Yaesu tech, the big difference is that the A rev
> (which I have) only shows one set of schematics/drawings, while the
> C rev shows the diagrams of the different lot numbers
> (and thus, differences in driver circuits, etc)
> Since I'm working out these differences, I did order the C manual
> with my latest spares order.
>
> 73,
>
> Geert Jan
>

28147. Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-29 02:18:18 UTC
From: Odessa
Topic: 28144 Message: 28147

Hello,
Where can I go to purchase the latest version of the 897d service manual?
Thanks
Jeff
KD5QDO

28148. Re: [FT897] Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-29 02:28:14 UTC
From: Trixter aka Bret McDanel
Topic: 28144 Message: 28148

On Thu, 2009-10-29 at 02:18 +0000, Odessa wrote:
>
> Hello,
> Where can I go to purchase the latest version of the 897d service
> manual?

kinkos :)

There are PDF versions, if you do not want to print them yourself, you can go to a place like kinkos which can print and bind if it that is what you want.

Look in the files section of the yahoo group for them. I am fairly sure they are current, if you have doubts about them being current you can goto yaesu's page and I do believe they have them online ready for download.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28149. Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-29 12:07:35 UTC
From: MichaelE
Topic: 28144 Message: 28149

I believe the only files available for download on the Yaesu site are the Operator Manual and a Brochure which is meant more for advertising.

I have found a few places on the web that have the PDM of the manual for download but they are all old versions. There is nothing available that I have found anywhere for the current version of the rig (my main board is stamped V8). If anyone finds otherwise let me know.

In the meantime I belive you can buy a copy directly from Yaesu for the current veriosn, but I do not know the price. I haven't bought one yet.

Mike
AE8U

--- In FT897@yahoogroups.com, Trixter aka Bret McDanel <trixter@...> wrote:
>
> On Thu, 2009-10-29 at 02:18 +0000, Odessa wrote:
> >
> > Hello,
> > Where can I go to purchase the latest version of the 897d service
> > manual?
>
>
> kinkos :)
>
>
> There are PDF versions, if you do not want to print them yourself, you
> can go to a place like kinkos which can print and bind if it that is
> what you want.
>
> Look in the files section of the yahoo group for them. I am fairly sure
> they are current, if you have doubts about them being current you can
> goto yaesu's page and I do believe they have them online ready for
> download.
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
>

28150. NEW MICROPHONE CABLE SPECIFICALLY MADE FOR YAESU FT-897

Yahoo group: FT897 (2009)
Date: 2009-10-26 21:11:35 UTC
From: wa4zvg
Topic: 28150 Message: 28150

NEW MICROPHONE CABLE SPECIFICALLY MADE FOR
YAESU FT-897
WILL ALSO WORK WITH YAESU FT-857 AND YAESU FT-817
MH 36 E8J MICROPHONE CABLE

THESE MIC CABLES ARE A LITTLE LONGER, HEAVIER RUBBER AND NOT AS "STIFF" AS THE CABLE THAT COME WITH THE RADIO. I HAVE A 'JA" FRIEND IN JAPAN I ORDER THESE FROM. THEY ARE EXCELLENT CABLES. I SELL A LOT OF THEM FOR OTHER YAESU RADIOS, AND ORDERED A FEW OF THESE BECAUSE I FIGUED WELL HE COULD THROW IT IN THE SAME BOX AS THE OTHERS AND SHIPPING WOULD BE ABOUT THE SAME. I WILL LET THESE GO AT ABOUT WHAT THEY COST ME.

SEVERAL OF YOU HAVE BOUGHT ONE AND I HAVE GOT GOOD FEEEDBACK FROM YOU. THANKS

TAKES 30 SECS TO HOOK UP ONCE THE 3 SCREWS ON THE MIC ARE LOOSE !!!!

I HAVE FOUR LEFT AND THAT IS IT.

$22 + $3 SHIPPING
THAT WILL INCLUDE SHIPPING IN THE USA
PAYPAL OR A MONEY ORDER OR A CHECK IS FINE.

EMAIL ME AT
WA4ZVG@...

IF YOU WANT TO PAY BY PAYPAL EMAIL ADDRESS ABOVE IS TIED TO THE PAYPAL ACCOUNT. PLEASE MARK THE PERSONAL TAB WHEN YOU GO TO PAY SO IT DOESN'T CHARGE ANY SERVICE CHARGE.

PAYPAL HAS A NEW RULE IF IT IS FOR PERSONAL USE ON THE MONEY YOU SEND THEY WAIVE THE FEES. THEERE IS A TAB THERE WHEN YOU PUT THE AMOUNT IN. JUST CLICK IT.

28151. Re: [FT897] built in SWR meter

Yahoo group: FT897 (2009)
Date: 2009-10-26 17:34:19 UTC
From: amasa howard
Topic: 28108 Message: 28151

Spend another $50 and get the LDG FT Meter.
http://www.eham.net/reviews/detail/5637

From: bryantmccall <bryantmccall@...>
To: FT897@yahoogroups.com
Sent: Thu, October 22, 2009 7:35:42 PM
Subject: [FT897] built in SWR meter

I set up an 897d with the ldg 897 turner and a simple (cheap) g5rv antenna. I was trying to make sure the swr was on after tuning with the ldg. I have 2 questions.

1. The swr meter has no numbers, only what I would call hash marks, and I have looked on line, and in the manual, and could find nothing about what marks were what values. can somebody please help tell me how to read my swr.

2. On 80, 40, 20, and 30, I saw very little if any change in the swr before and after using the tuner. I did hold the button and it did turn on the small red led, first solid, then blinking (or maybe the other way around) on the turner. Is this normal? or should I see a big change in the swr?

[Non-text portions of this message have been removed]

28152. Re: RT System software

Yahoo group: FT897 (2009)
Date: 2009-10-26 11:38:55 UTC
From: PU5CGV
Topic: 28110 Message: 28152

Hello. I have adms-4b and a usb to serial adapter (prolific chip and driver) in my windows 7 64 bits. Work great and the setup is very easy.
Only choose wich comm port the program will use.

--- In FT897@yahoogroups.com, George Hartsuch <gehartsuch@...> wrote:
>
> Just rejoined this group.
> I searched the data base on RT System software and found no info.
> Can anyone supply me with the steps and settings to use this software?
> Thanks
> KI4NFT
>
> Go in a good way
> Geo
>
>
>
>
> [Non-text portions of this message have been removed]
>

28153. Re: noise

Yahoo group: FT897 (2009)
Date: 2009-10-26 12:23:28 UTC
From: Ron
Topic: 28109 Message: 28153

There is a strange 'feature' called IPO, see MFm, A button. Turning ON IPO actually turns OFF the preamp which is not usually needed on lower bands. An 'I' incidator will appear on the LCD when the preamp is off. Reduces noise a lot and make the receiver nicer to use for me. This is suggested on some page in the manual that I do not have in front of me at the moment.

--- In FT897@yahoogroups.com, Charles Scott <cscott@...> wrote:

>
> Bart:
>
> Considering that S-Meter calibration is not consistent between radios,
> it's possible you're really dealing with the same level of noise as you
> did with the TS-820. If you still have the 820 you could do an A-B
> comparison. Otherwise, I'm sure you'll know in a bit if your ability to
> copy other stations is about the same. There are, however, some things
> that have been known to introduce noise into 897s, including internal
> power supplies and strong signals from nearby AM broadcast stations. It
> sounds, however, like you're having good fun with the radio.
>
> Chuck - N8DNX
>
> bragucci wrote:
> > Hi Chuck,
> > The 897 replaces my Kenwood TS-820, which was attached to the same antenna, same location, same conditions. I did manage to get it down to S4 on the lower bands so I'm thinking this may be normal for this radio? I used the TS-820 for years so I may be used to a different level of static then what this little radio puts out. I made my first contact with this unit Sat morning to the west indies so I guess it's functioning ok. This weekend has been fantastic for DX, with the sunspots and the DX contests going on if you can't make an overseas contact something is wrong :)
> >
> > Thx
> > Bart
> >
> >
>

28154. Re: [FT897] Hello

Yahoo group: FT897 (2009)
Date: 2009-10-25 21:33:05 UTC
From: Henry Vo
Topic: 9692 Message: 28154

That is a tough radio and I love it.. still own it and would not trade for anything...built like a tank and has a military look..

Love it...

-Henry

--- On Sun, 10/25/09, Ben Ramler <ben_ramler2002@...> wrote:

From: Ben Ramler <ben_ramler2002@...>
Subject: [FT897] Hello
To: FT897@yahoogroups.com
Date: Sunday, October 25, 2009, 1:10 PM

Hi group members,

    Well I am finally getting really really close to get my 897D. So as I get close is there anything I should be aware of with this radio?

73,

Ben Ramler, KØBLR
Minessota ARESMAT EC

[Non-text portions of this message have been removed]

28155. service manual

Yahoo group: FT897 (2009)
Date: 2009-10-29 16:49:22 UTC
From: Karl M
Topic: 28155 Message: 28155

have a look under the files.....service manual
vy 73 karl

28156. FT-897 Airmail Problems

Yahoo group: FT897 (2009)
Date: 2009-10-28 01:54:20 UTC
From: drgps28
Topic: 28156 Message: 28156

I just received an FT-897D and I'm attempting to get it set-up for use with Airmail (HF Pactor). I have an old Kantronics KAM Plus TNC with homebrewed the cables. When I click on the connect button in Airmail, the radio immediately transmits but it stays in transmit mode. It does not switch back and forth to receive mode as it should. I've checked the AGC (fast in DIG mode), set the DIG GAIN to 22 (so that ALC meter shows just a couple of bars), checked my cable pin-outs, added ferrites (in case there was stray RFI) but nothing seems to work. Any ideas on what could be going wrong or if I missed a setting somewhere in the radio menu or Airmail setting?

Ross
KC2LOC / AAR2BX NY

28157. Re: FT897 service manuals

Yahoo group: FT897 (2009)
Date: 2009-10-29 03:18:01 UTC
From: Domaci
Topic: 28144 Message: 28157

You can order it directly from Yaesu.... cca USD 20.-
leave email there... They will respond about it..

OM3TSS

--- In FT897@yahoogroups.com, "Odessa" <odessaspikes@...> wrote:
>
> Hello,
> Where can I go to purchase the latest version of the 897d service manual?
> Thanks
> Jeff
> KD5QDO
>

28158. Internal Keyer Issues

Yahoo group: FT897 (2009)
Date: 2009-10-28 22:06:52 UTC
From: John Grimmett
Topic: 28158 Message: 28158

Greetings,
I am experiencing a problem with the internal CW keyer on my 897. The iambic paddle no longer generates dits and dahs. The dahs work fine on the left paddle but the dits on the right paddle do nothing. I have confirmed that the paddle itself is fine as I have a viable circuit from ground through both poles to the correct band on the plug. The CW Key REV setting via menu [25] seems to have no effect. What am I doing wrong?

Thanks,
John
VA3JSG

28159. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 02:13:30 UTC
From: KD8BIG Mark
Topic: 9692 Message: 28159

Any recommendations as to what antenna analyzer and what external watt meter should be purchased?
I too am in the process of setting up my ham shack. I have the 897D and currently buying the necessary equipment so I can get on the air.

Thanks in advance.
73,

Mark Strait KD8BIG

--- In FT897@yahoogroups.com, "oldmayorkd5lbe" <morriltonmayor@...> wrote:
>
>
> From KD5LBE
>
> This may be a second posting my first didn't seem to make it. K9ZTV was a little hard but he is right that reading the manual and trying out the functions is the first thing that you should try, but there are three things that are not listed in the manuals. Get an antenna analyzer and check your antenna to be sure that you have something to transmit into. Second get an external watt meter, the thing in the radio is only marginal. And third, the manual says that you can transmit 100 watts SSB. Don't believe it, there are a lot of reasons so don't bundle up your radio and send it back. There have been a lot of questions asked about this subject and a lot to learn. The only real way to know what your radio can do is to transmit into a dummy load. Enjoy your new friend. 73's
>
> --- In FT897@yahoogroups.com, K9ZTV <k9ztv@> wrote:
> >
> > Yes there is.
> >
> > Read the manual.
> >
> > Read it a second time.
> >
> > Read it a third time.
> >
> > When you can't figure something out, read it again.
> >
> > 95% of the questions on this reflector are answered in the manual.
> >
> > 73,
> >
> > Kent K9ZTV
> >
> >
> >
> > Ben Ramler wrote:

> > >
> > >
> > > Hi group members,
> > >
> > > Well I am finally getting really really close to get my 897D. So
> > > as I get close is there anything I should be aware of with this radio?
> > >
> > > 73,
> > >
> > > Ben Ramler, KØBLR
> > > Minessota ARESMAT EC
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

28160. Re: Power Supply for 897D

Yahoo group: FT897 (2009)
Date: 2009-10-26 11:12:25 UTC
From: KD8BIG Mark
Topic: 28071 Message: 28160

I have the Yaesu FP 1030-A. I am able to run several radios of it at the same time. It is pricey but much better than all the other power supplies I have. Good Luck.

73,
Mark KD8BIG

--- In FT897@yahoogroups.com, "kb1syv" <kb1syv@...> wrote:
>
> Hi Everyone,
> Can anyone recommend an excellent power supply to use at the base station for the 897D? I want something that I could run other equipment off of and for future equipment growth.
>
> Thanks,
>
> Jethro
>

28161. Re: HELP!!!! AT897 autotuner

Yahoo group: FT897 (2009)
Date: 2009-10-29 05:13:57 UTC
From: KD8BIG Mark
Topic: 27876 Message: 28161

I have just purchased the 897D w/ the AT-897 Plus and the book said to set it at 4800bps.

--- In FT897@yahoogroups.com, "ke5dfr@..." <ke5dfr@...> wrote:
>
> I use an LDG AT 897 on my FT-897d and my FR-857 and no problems. I also use the LDG AT200 Pro on the 897D when using it as a base unit.
>
> Make sure you heve the CAT and ACC cables firmly seated in the sockets.
>
> Ken
> KE5DFR
>
>
>
> --- In FT897@yahoogroups.com, "eaglef15" <ddrongowski@> wrote:
> >
> > Just purchased and received a NEW LDG AT-897 plus auto tuner. I installed it as per the instructions and the status LED blinks non-stop. The manual says that, that indicates that the radio is not an FT-897 or FT-897D. But from the badge on the radio is says FT-897 and that is what my manual is for, and that is what I ordered. I have sent LDG an help ticket but was wondering if anyone here has had this issue? Yes I already checked the interface cable and it appears to be good.
> >
> > Thanks
> >
>

28162. Radio Doesn't go into RX mode in Airmail

Yahoo group: FT897 (2009)
Date: 2009-10-29 01:51:24 UTC
From: drgps28
Topic: 28162 Message: 28162

I've been using an IC-735 with a Kantronics KAM Plus TNC and Airmail has been working flawlessly. I just hooked up a new radio (FT-897D) and interface cable and now I can not get Airmail to work properly in HF terminal mode. When I click on the connect button, the radio transmit good tones (I'm monitoring on another radio) but the radio stays locked in transmit mode. The radio does not switch to receive mode in between "chirps". Consequently I can not connect to any Winlink RMS Pactor station. I've added ferrites to the cable but the problem persists. Any ideas what could be going on? Ross KC2LOC /AAR2BX NY

28163. FREE SHIPPING - W4RT Electronics

Yahoo group: FT897 (2009)
Date: 2009-10-30 19:40:32 UTC
From: w4wb
Topic: 28163 Message: 28163

Ralph N5DOI is spooked again and has approved Free Shipping for all orders of at least $100 (continental USA only). Just enter CHAINSAW in the Comments Box on the Order Form and he will remove the shipping charge.

www.w4rt.com

Happy Halloween!

73 de Barry W4WB
W4RT Electronics

28164. Re: [FT897] Internal Keyer Issues

Yahoo group: FT897 (2009)
Date: 2009-10-30 20:25:02 UTC
From: Finnigann
Topic: 28158 Message: 28164

On Wed, 28 Oct 2009 18:06:52 -0400, John Grimmett <jgrimmet@...>
wrote:

> Greetings,
> I am experiencing a problem with the internal CW keyer on my 897. The
> iambic paddle no longer generates dits and dahs. The dahs work fine on
> the
> left paddle but the dits on the right paddle do nothing. I have
> confirmed
> that the paddle itself is fine as I have a viable circuit from ground
> through both poles to the correct band on the plug. The CW Key REV
> setting via menu [25] seems to have no effect. What am I doing wrong?
>
> Thanks,
> John
> VA3JSG

What's menu item #26 say?

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28165. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 20:31:48 UTC
From: Finnigann
Topic: 9692 Message: 28165

On Thu, 29 Oct 2009 22:13:30 -0400, KD8BIG Mark <kd8big@...> wrote:

> Any recommendations as to what antenna analyzer and what external watt
> meter should be purchased?
> I too am in the process of setting up my ham shack. I have the 897D and
> currently buying the necessary equipment so I can get on the air.
>
> Thanks in advance.
> 73,
>

Should be? I would consider those optional -- at first anyway. Borrow a
friends analyzer (-: The radio has a SWR meter built in. You can do better
and I would recommend the MFJ 259 when you get money ahead.

Now if money is NO object start out with that. You can get the watt meter
from LDG as it plugs into the little known jack in the bottom of the radio.

And if money is REALLY no object... you can figure my addy from my call.
-j/k (-:

> Mark Strait KD8BIG
>>

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28166. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 22:07:07 UTC
From: Hank
Topic: 9692 Message: 28166

I am using the LDG FT-Meter, and I love it. I know it's not a true watt meter like a Bird, but it does give me a better view of what's going on, unlike the panel meter.

If I were to buy an external watt meter in the traditional sense, it would be a Bird. Used them in the USAF, and they were very accurate.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, "KD8BIG Mark" <kd8big@...> wrote:
>
> Any recommendations as to what antenna analyzer and what external watt meter should be purchased?
> I too am in the process of setting up my ham shack. I have the 897D and currently buying the necessary equipment so I can get on the air.
>
> Thanks in advance.
> 73,
>
> Mark Strait KD8BIG
>

28167. Re: [FT897] No transmit on HF

Yahoo group: FT897 (2009)
Date: 2009-10-30 23:07:32 UTC
From: Lou Roux
Topic: 28140 Message: 28167

Nathan,

You say you "installed it"? It just plugs into the socket under the front edge of the '897 just to the right of the main tuning knob. Be sure it's plugged in all the way.

Good luck,

Lou - W6UR

KD5BLZ wrote:
> Hi
> I recently purchased a ldg ft-meter my 897d was working great before I installed it. The Radio was turned off during install.
> Now I cannot transmit on HF. Even if I disconnect and reset my rig no luck.
> Works fine on VHF and UHF any ideals?
> Thanks
> Nathan Watts
> kd5blz
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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28168. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 23:10:27 UTC
From: Finnigann
Topic: 9692 Message: 28168

On Fri, 30 Oct 2009 18:07:07 -0400, Hank <hank@...> wrote:

> I am using the LDG FT-Meter, and I love it. I know it's not a true watt
> meter like a Bird, but it does give me a better view of what's going on,
> unlike the panel meter.
>
> If I were to buy an external watt meter in the traditional sense, it
> would be a Bird. Used them in the USAF, and they were very accurate.
>
> hth,
>
> Hank / KB4MTO
>
>

Not familiar with that meter. Can you give a link?

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28169. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 23:32:46 UTC
From: rm4210
Topic: 9692 Message: 28169

Look mat Palstar and it's features, I have a MFJ mand this a solid
investment
Like other Palstar toys it's QUALITY.

Not employed or in relationship with this company

NK 9G Rick
----- Original Message -----
From: "Finnigann" <finnigann2580@...>
To: <FT897@yahoogroups.com>
Sent: Friday, October 30, 2009 3:31 PM
Subject: Re: [FT897] Re: Hello

> On Thu, 29 Oct 2009 22:13:30 -0400, KD8BIG Mark <kd8big@...> wrote:
>
>> Any recommendations as to what antenna analyzer and what external watt
>> meter should be purchased?
>> I too am in the process of setting up my ham shack. I have the 897D and
>> currently buying the necessary equipment so I can get on the air.
>>
>> Thanks in advance.
>> 73,
>>
>
> Should be? I would consider those optional -- at first anyway. Borrow a
> friends analyzer (-: The radio has a SWR meter built in. You can do better
> and I would recommend the MFJ 259 when you get money ahead.
>
> Now if money is NO object start out with that. You can get the watt meter
> from LDG as it plugs into the little known jack in the bottom of the
> radio.
>
> And if money is REALLY no object... you can figure my addy from my call.
> -j/k (-:
>
>
>> Mark Strait KD8BIG
>>>
>
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>

> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
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> ------------------------------------
>
> Yahoo! Groups Links
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28170. Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-31 00:18:47 UTC
From: Hank
Topic: 9692 Message: 28170

Sure,

Here is the company link: http://www.ldgelectronics.com/c/252/products/1/7/1

and here is the eham reviews: http://www.eham.net/reviews/detail/3265

I have had no problems with mine at all, and it has tuned everything I have thrown at it. I have heard the Yaesu tuner is not as good, as the SWR has to be fairly close, while the LDG doesn't. I can only attest to the LDG, and it is doing a wonderful job.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>
> On Fri, 30 Oct 2009 18:07:07 -0400, Hank <hank@...> wrote:
>
> > I am using the LDG FT-Meter, and I love it. I know it's not a true watt
> > meter like a Bird, but it does give me a better view of what's going on,
> > unlike the panel meter.
> >
> > If I were to buy an external watt meter in the traditional sense, it
> > would be a Bird. Used them in the USAF, and they were very accurate.
> >
> > hth,
> >
> > Hank / KB4MTO
> >
> >
>
> Not familiar with that meter. Can you give a link?
>
>
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>

28171. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-31 04:30:57 UTC
From: Finnigann
Topic: 9692 Message: 28171

On Fri, 30 Oct 2009 20:18:47 -0400, Hank <hank@...> wrote:

> Sure,
>
> Here is the company link:
> http://www.ldgelectronics.com/c/252/products/1/7/1
>
> and here is the eham reviews: http://www.eham.net/reviews/detail/3265
>

Opps, I ment the one called BIRD.

See, that's what heppens when people top post. Messages are read in
reverse order that they were written.

> I have had no problems with mine at all, and it has tuned everything I
> have thrown at it. I have heard the Yaesu tuner is not as good, as the
> SWR has to be fairly close, while the LDG doesn't. I can only attest to
> the LDG, and it is doing a wonderful job.
>
> hth,
>
> Hank / KB4MTO
>
>
>
>
> --- In FT897@yahoogroups.com, Finnigann <finnigann2580@...> wrote:
>>
>> On Fri, 30 Oct 2009 18:07:07 -0400, Hank <hank@...> wrote:
>>
>> > I am using the LDG FT-Meter, and I love it. I know it's not a true
>> watt
>> > meter like a Bird, but it does give me a better view of what's going
>> on,
>> > unlike the panel meter.
>> >
>> > If I were to buy an external watt meter in the traditional sense, it
>> > would be a Bird. Used them in the USAF, and they were very accurate.
>> >
>> > hth,
>> >
>> > Hank / KB4MTO
>> >
>> >
>>

>> Not familiar with that meter. Can you give a link?
>>
>>

I meant the meter called BIRD.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28172. Internal Keyer Issues

Yahoo group: FT897 (2009)
Date: 2009-10-31 11:04:34 UTC
From: John Grimmett
Topic: 28158 Message: 28172

> Greetings,
> I am experiencing a problem with the internal CW keyer on my 897. The
> iambic paddle no longer generates dits and dahs. The dahs work fine on
> the
> left paddle but the dits on the right paddle do nothing. I have
> confirmed
> that the paddle itself is fine as I have a viable circuit from ground
> through both poles to the correct band on the plug. The CW Key REV
> setting via menu [25] seems to have no effect. What am I doing wrong?
>
> Thanks,
> John
> VA3JSG

>What's menu item #26 say?

>--
>73'S
>kc8ugv

Menu item #26 is set to ELEKEY. I have tried it both ways with no effect.

John

VA3JSG

73's for now

[Non-text portions of this message have been removed]

28173. Re: Strange RX noise - FT-897D

Yahoo group: FT897 (2009)
Date: 2009-10-31 13:02:53 UTC
From: pjseraf
Topic: 27846 Message: 28173

My FT-897D noise problem is now fixed. I sent my FT897D to Yaesu Service in California and just got the rig back. They replaced 2 ceramic filters and one ceramic disc. The technician indicated that they had seen this problem before. I am happy that they fixed it at a reasonable price. I am happy with Yaesu sevice and now have a great rig for portable operation.

73 - K3FOD
Phil

--- In FT897@yahoogroups.com, "pjseraf" <GrayFox17@...> wrote:
>
> Cosmin,
>
> I too have a similar problem with my FT897D which I recently purchased used on-line. I will not do that again.
>
> I looked at your video and mine has the same type of noise on all bands with the antenna disconnected and the FT897D has been tested on 2 different power supplies and a battery with the same result. My FT897D is really noisy using AM mode and no antenna. It has reached as high as S9 on occassion and it is a function of temperature. It is less noisy with SSB but that may be a funtion of the ssb filter. If the unit is on a long time it will sometimes disapear. I am convinced the problem is in the radio because none of my other rigs exibit this problem.
>
> I haven't really tried the FM section to see if it behaves like your unit does. I hope we can find the problem as it looks like a nice radio but right now I am disapointed with my recent purchase.
>
> 73s
> Good Luck
> K3FOD - Phil
>
>
> --- In FT897@yahoogroups.com, "yo5orw" <yo6orw@> wrote:
> >
> > Hello.
> > I have a problem with my ft-897D. Few days ago it started to receive some noisy signals on all bands even without antennas connected. The built-in S-meter is fluctuating from S1 to S9 randomly. The noise can be heard on FM when someone transmits on that frequency... that noise makes the receiving unreadable (a strong BZZZZ). SQL does not solves anything (even with max SQL, the signal is still there on the S meter). On SSB and AM the noise can be heard all the time. With RF gain you can cover it if you push it over S10 on the scale.
> > This is what I tried until now:
> > - changed the power supply (tried 3 different models, still the same). Also used a car battery and the result is the same.

> > - went to other locations (different QTHs), far from electrical devices... same thing.
> > - reset to factory default - still the same.
> >
> > Here are two movies where you can see more exactly its behavior:
> >
> > 1. http://www.youtube.com/watch?v=DUiAWUD90UM - This is on FM (a local repeater). S-meter fluctuates randomly. When it receives something on that frequency, the noise can be heard.
> > 2. http://www.youtube.com/watch?v=fs6CfluE6e8 - This is on SSB, where the noise can be heard all the time (the squelch must be almost at maximum to cover the noise). The S-meter fluctuates sometimes.
> >
> > This happens on all the bands and in any modes, even with antennas disconnected.
> > Right now I'm out of ideas. I cant determine what can cause all this.
> > I really appreciate any help/idea.
> > Thank you.
> >
> > 73s,
> > Cosmin YO5ORW
> >
>

28174. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-31 14:05:15 UTC
From: Lew Phelps K6LMP
Topic: 9692 Message: 28174

I have the Yaesu tuner -- the older FC-30 model. I got it as part of a package deal with another ham, swapping my FT-8900 for his FT-897, FC-30, and ATAS-25 backkpacker antenna. As has been noted frequently in this forum, the FC-30 is capable of matching only a 3:1 SWR ratio, compared with 10:1 for the LDG tuner. This doesn't make the Yaesu product a bad product.

The following discussions are based on the output of two modeling programs: EZNEC for the antenna, and TLW (Transmission Line for Windows) for the line loss and tuner configuration calculations. Warning: the following gets a bit technical.

I think it's sometimes overlooked in that a tuner capable of matching very high SWR does not "fix" all problems caused by a severely mismatched antenna. Let's assume, for discussion, that you have an antenna than presents a load of 2 -j0 ohm load to the coax. It's not difficult to construct such an antenna as a physically short dipole with loading coils (for example a Buddipole style portable dipole). With the antenna's coils tuned so the antenna is resonant (j=0) the resistance is very low because the antenna is far shorter than a quarter wave length. The 2 ohm load equals a 25:1 SWR. I doubt the LDG could handle that mismatch. A low-pass pi-network tuner that matches such an antenna requires inductance of 3.24 microhenries and shunt caps of 86 picofarad on the input side and 500 picofarad on the output side. However, even though tuners can be configured to present a 50 ohm load (1:1 SWR) to the transmitter, you still don't have an efficient system. Specifically, if you assume 50 feet of RG-8X cable (a reasonable choice for a portable antenna setup) when transmitting at 100 watts you are going to have tuner loss of 4 watts and transmission line loss of 49 watts, with only 47 watts going out of the antenna and over the air. Because of the mismatched antenna, half the transmitter power is turned into heat, even though the tuner "matches" the antenna to the transmitter.

To take a another example, assume a 10.0 meter vertical whip without a loading coil whose feed point is 1 meter above ground, operating as an end-fed whip in the 10 meter band. (OK, this isn't realistic, but I modeled this because it creates a 10:1 SWR.) Further assume a mobile installation with 20 feet of RG-174 mini-coax between the rig and the antenna on your rear bumper. (At 28.9 mHz (near the middle of the 10 meter band) this antenna presents a total impedance of 329 -j240 ohms, which equals about 500 ohms net and thus creates an SWR of 10:1 -- which the LDG can match, but you will encounter significant transmission line loss because of the mismatch that now exists between the tuner and the antenna, even with a short coax run in a vehicle. Specifically, the loss will be 48 watts lost in the cable, 8 watts

lost in the tuner, and 44 watts going out over the air. If you assume 15 feet of RG-174, you lose 8 watts in the tuner and 37 watts in the transmission line, resulting in 55 watts at the antenna. (By the way,

The point is straightforward: for an efficient transmission SYSTEM, you need an antenna that is relatively closely matched to the impedance that the transmitter expects. Aa badly mismatched antenna will always create significant line losses, even if you are using a tuner that presents a 50 ohm reactance load to the transmitter (1:1 SWR). (You can greatly reduce line losses by using 450 ohm ladder line, but I'll leave that for another discussion.)

If you start with the premise that it's better to have a relatively closely matched antenna to begin with, the Yaesu tuner is a rational alternative. For example, I use mine installed in my car. I have a set of mono-band Hustler vertical antennas that I carry in the car. These antennas all have loading coils, and all can all be adjusted to resonance within their band. However, (especially at the lower frequencies) they do not provide a low SWR across the entire band. The FC-30 solves that problem; it will allow me to transmit on almost the entire 40 meter band, and from 3.75 mH to 4.0 mHz on the 75/80 meter band. Without the tuner, I am restricted to about 100 kHz on the 75-80 meter band and about 200 hHz on the 40-meter band with the Hustler whips.

To put it another way, a 10:1 SWR matching capability will allow you to transmit on a wider range of antennas than a 3:1 matching capability. It will tune a long wire. It will tune your neighbor's wire fence. It will tune a rain gutter. But the signal you are transmitting (and receiving) will be significantly diminished at SWR ratios exceeding 2:1 or 3:1. At 10:1 SWR, you can experience transmission line losses of 2.5 dB or higher -- essentially cutting your transmitter power and receiver sensitivity in half. Why spend all that money on a good rig like the FT-897 and then turn it into a crummy rig by attaching it to a badly mismatched antenna?

Sometimes you have no choice. Every installation has its own challenges, but you're ALWAYS better off with an antenna that offers an impedance at or near 50 ohms. For antennas that cannot achieve that result (such as Yagis or physically short dipoles with loading coils), the best solution is to transform reactance to 50 ohms AT THE ANTENNA with a balun or (as is the practice with Yagis) T-match, gamma match or other matching systems. These solutions are discussed in detail in the ARRL Antenna Book.

28175. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-31 00:16:06 UTC
From: Mark Strait
Topic: 9692 Message: 28175

This is the best site I have found for the Bird Watt Meters.
Martin RF Supply
http://www.martinrf.com/

Martin RF Shop
About Wattmeters page.

73,
Mark Strait KD8BIG

--- On Fri, 10/30/09, Finnigann <finnigann2580@...> wrote:

From: Finnigann <finnigann2580@...>
Subject: Re: [FT897] Re: Hello
To: FT897@yahoogroups.com
Date: Friday, October 30, 2009, 7:10 PM

On Fri, 30 Oct 2009 18:07:07 -0400, Hank <hank@...> wrote:

> I am using the LDG FT-Meter, and I love it. I know it's not a true watt
> meter like a Bird, but it does give me a better view of what's going on,
> unlike the panel meter.
>
> If I were to buy an external watt meter in the traditional sense, it
> would be a Bird. Used them in the USAF, and they were very accurate.
>
> hth,
>
> Hank / KB4MTO
>
>

Not familiar with that meter. Can you give a link?

--
73'S
kc8ugv

      Remembering our Vets - Then and Now

               HTTP://www.tinyurl.com/bcarc12
           http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28176. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 20:37:50 UTC
From: Mark Strait
Topic: 9692 Message: 28176

I did purchase the MFJ-269 a few weeks ago, I just ordered the FTL-Meter. I was hoping that I was on the right path as far as purchasing goes.
Now I am down to setting up the antenna farm. I have a MFJ 1796 vertical and I am looking to purchase a yagi. Have a 160 meter that I am building.

Mark Strait KD8BIG

--- On Fri, 10/30/09, Finnigann <finnigann2580@...> wrote:

From: Finnigann <finnigann2580@...>
Subject: Re: [FT897] Re: Hello
To: FT897@yahoogroups.com
Date: Friday, October 30, 2009, 4:31 PM

On Thu, 29 Oct 2009 22:13:30 -0400, KD8BIG Mark <kd8big@...> wrote:

> Any recommendations as to what antenna analyzer and what external watt
> meter should be purchased?
> I too am in the process of setting up my ham shack. I have the 897D and
> currently buying the necessary equipment so I can get on the air.
>
> Thanks in advance.
> 73,
>

Should be? I would consider those optional -- at first anyway. Borrow a
friends analyzer (-: The radio has a SWR meter built in. You can do better
and I would recommend the MFJ 259 when you get money ahead.

Now if money is NO object start out with that. You can get the watt meter
from LDG as it plugs into the little known jack in the bottom of the radio.

And if money is REALLY no object... you can figure my addy from my call.
-j/k (-:

> Mark Strait KD8BIG
>>

--
73'S
kc8ugv

      Remembering our Vets - Then and Now

               HTTP://www.tinyurl.com/bcarc12
           http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28177. Buffer to key amp SB 220

Yahoo group: FT897 (2009)
Date: 2009-10-30 19:48:51 UTC
From: wa4zvg
Topic: 28177 Message: 28177

Hey there is a guy who sells the buffer to key the SB 220 , or any other amp for that matter, that he makes specifically for the ft-857.

Do9es anyone have his contact info, or know where I can get one made specifically made for this radio so that I can use my amp with it?

Thanks,

WA4ZVG

28178. 897D MOD

Yahoo group: FT897 (2009)
Date: 2009-10-30 22:29:38 UTC
From: UnixRoo
Topic: 28178 Message: 28178

Hello,

I have a new version FT-897D radio and I will like to extend the TX range but is a problem is not working, I have set the jumpers but no result is still loked.

So is someone that can help me?

Thx in advance.

Aurel.
YO3IBZ.

28179. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-30 23:11:01 UTC
From: Mark Strait
Topic: 9692 Message: 28179

Thanks Hank,

I saw a few Bird Watt Meters a few weeks ago at a Ham Swap here in Michigan. I looked at them but did not consider it for the lack of experience and knowledge. Now that I have done some research I wished I would have bought them. Prices were from 25-75 dollars. A true bargin I think.

I'm still a rookie, thanks for the info.

73,

Mark Strait KD8BIG

--- On Fri, 10/30/09, Hank <hank@...> wrote:

From: Hank <hank@hanklambert.com>
Subject: [FT897] Re: Hello
To: FT897@yahoogroups.com
Date: Friday, October 30, 2009, 6:07 PM

I am using the LDG FT-Meter, and I love it. I know it's not a true watt meter like a Bird, but it does give me a better view of what's going on, unlike the panel meter.

If I were to buy an external watt meter in the traditional sense, it would be a Bird. Used them in the USAF, and they were very accurate.

hth,

Hank / KB4MTO

--- In FT897@yahoogroups. com, "KD8BIG Mark" <kd8big@...> wrote:

>

> Any recommendations as to what antenna analyzer and what external watt meter should be purchased?

> I too am in the process of setting up my ham shack. I have the 897D and currently buying the necessary equipment so I can get on the air.

>

> Thanks in advance.

> 73,

>

> Mark Strait KD8BIG

>

[Non-text portions of this message have been removed]

28180. Re: [FT897] Re: Hello

Yahoo group: FT897 (2009)
Date: 2009-10-31 18:25:46 UTC
From: af2c@njdxa.org
Topic: 9692 Message: 28180

25 - 75 dollars? Truly too good to be true for a working Bird or even a
single slug. Watch yourself.

If you have a HT and a good 5W slug and small dummy load, check any unit
before you buy it.

73,
Jay/AF2C

At 04:11 PM 10/30/2009 -0700, you wrote:
>
>
>Thanks Hank,
>
>I saw a few Bird Watt Meters a few weeks ago at a Ham Swap here in
>Michigan. I looked at them but did not consider it for the lack of
>experience and knowledge. Now that I have done some research I wished I
>would have bought them. Prices were from 25-75 dollars. A true bargin I think.
>
>I'm still a rookie, thanks for the info.
>
>73,
>
>Mark Strait KD8BIG
>
>--- On Fri, 10/30/09, Hank
><<mailto:hank%40hanklambert.com>hank@...> wrote:
>
>From: Hank <<mailto:hank%40hanklambert.com>hank@...>
>Subject: [FT897] Re: Hello
>To: <mailto:FT897%40yahoogroups.com>FT897@yahoogroups.com
>Date: Friday, October 30, 2009, 6:07 PM
>
>
>
>I am using the LDG FT-Meter, and I love it. I know it's not a true watt
>meter like a Bird, but it does give me a better view of what's going on,
>unlike the panel meter.
>
>If I were to buy an external watt meter in the traditional sense, it would
>be a Bird. Used them in the USAF, and they were very accurate.
>
>hth,
>
>Hank / KB4MTO
>

>--- In FT897@yahoogroups. com, "KD8BIG Mark" <kd8big@...> wrote:
>
> >
>
> > Any recommendations as to what antenna analyzer and what external watt
> meter should be purchased?
>
> > I too am in the process of setting up my ham shack. I have the 897D and
> currently buying the necessary equipment so I can get on the air.
>
> >
>
> > Thanks in advance.
>
> > 73,
>
> >
>
> > Mark Strait KD8BIG
>
> >
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>
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>

[Non-text portions of this message have been removed]

28181. RE: [FT897] 897D MOD

Yahoo group: FT897 (2009)
Date: 2009-10-31 19:00:06 UTC
From: Dennis
Topic: 28178 Message: 28181

You just opened this can of worms. I suggest you check mods.dk or look in prior posts for this info.

I can't wait for my inbox to get flooded (literally) with the responses to this one AGAIN!

Dennis - N8BMB

[Non-text portions of this message have been removed]

28182. Re: [FT897] Buffer to key amp SB 220

Yahoo group: FT897 (2009)
Date: 2009-10-31 19:03:40 UTC
From: DALE BLANCHARD
Topic: 28177 Message: 28182

----- Original Message -----
From: "wa4zvg" <wa4zvg@...>
To: FT897@yahoogroups.com
Sent: Friday, October 30, 2009 12:48:51 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Buffer to key amp SB 220

Hey there is a guy who sells the buffer to key the SB 220 , or any other amp for that matter, that he makes specifically for the ft-857.

Do9es anyone have his contact info, or know where I can get one made specifically made for this radio so that I can use my amp with it?

Thanks,

WA4ZVG

If you want to make your own , it is on the 857 list files section.

I installed 12 volt reed relay in mine for a buffer so it will key high current amp relays.

Dale

_,_._,___

[Non-text portions of this message have been removed]

28183. Re: [FT897] 897D MOD

Yahoo group: FT897 (2009)
Date: 2009-10-31 20:16:18 UTC
From: Florentin Nastase
Topic: 28178 Message: 28183

Salut Aurel, am incercat sa-ti trimit un e-mail, pe adresa ta....de doua ori si am primit mesaj de eroare...daca te intereseaza subiectul...da-mi de veste pe adresa mea...si voi da reply..
73
YO9BXC.

--- On Fri, 10/30/09, UnixRoo <yo3ibz@...> wrote:

From: UnixRoo <yo3ibz@...>
Subject: [FT897] 897D MOD
To: FT897@yahoogroups.com
Date: Friday, October 30, 2009, 3:29 PM

Hello,

I have a new version FT-897D radio and I will like to extend the TX range but is a problem is not working, I have set the jumpers but no result is still loked.

So is someone that can help me?

Thx in advance.

Aurel.
YO3IBZ.

[Non-text portions of this message have been removed]

28184. Re: [FT897] Buffer to key amp SB 220

Yahoo group: FT897 (2009)
Date: 2009-10-31 20:48:26 UTC
From: jim hyde
Topic: 28177 Message: 28184

will an 897 key a sb200 that is modified for soft start?? k5dhe

---
From: DALE BLANCHARD <wa7ixk@...>
To: FT897@yahoogroups.com
Sent: Sat, October 31, 2009 2:03:40 PM
Subject: Re: [FT897] Buffer to key amp SB 220

----- Original Message -----
From: "wa4zvg" <wa4zvg@yahoo. com>
To: FT897@yahoogroups. com
Sent: Friday, October 30, 2009 12:48:51 PM GMT -08:00 US/Canada Pacific
Subject: [FT897] Buffer to key amp SB 220

Hey there is a guy who sells the buffer to key the SB 220 , or any other amp for that matter, that he makes specifically for the ft-857.

Do9es anyone have his contact info, or know where I can get one made specifically made for this radio so that I can use my amp with it?

Thanks,

WA4ZVG

If you want to make your own , it is on the 857 list files section.

I installed 12 volt reed relay in mine for a buffer so it will key high current amp relays.

Dale

-'-.-'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28185. Re: [FT897] Buffer to key amp SB 220

Yahoo group: FT897 (2009)
Date: 2009-10-31 21:44:21 UTC
From: Michael Walker
Topic: 28177 Message: 28185

maybe...depends how it got moded.

Take a voltmeter and measure the voltage on the relay contacts to the amp with the amp turned on. That will give you the open circuit voltage. It might be 120vac (or 220vac). If it is that, then you need an external relay. If it is 12vdc (or less), then you are ok.

Next, put your meter in current mode and then connect to each lead of the Relay connector. You can do this without the map connected to either a radio or antenna. Measure the current the keying relay draws.

As long as the voltage and current is less then the specs on the 897 Amp keying circuit, you are ok.

It is important that you understand how this works and how it affects your amplifier. There are a number of things that are an 'appliance' in the ham radio world. An SB200 (or 220) is not. It would be very helpful to have another ham onsite with you the first time you hook it up.

Personally, I would open it up and look and see what is installed. It is clearly obvious what is new technology and what is old.

Mike VA3MW

jim hyde wrote:
>
>
> will an 897 key a sb200 that is modified for soft start?? k5dhe
>
> _____
> From: DALE BLANCHARD <wa7ixk@...
> <mailto:wa7ixk%40embarqmail.com>>
> To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
> Sent: Sat, October 31, 2009 2:03:40 PM
> Subject: Re: [FT897] Buffer to key amp SB 220
>
>
>
> ----- Original Message -----
> From: "wa4zvg" <wa4zvg@yahoo. com>
> To: FT897@yahoogroups. com
> Sent: Friday, October 30, 2009 12:48:51 PM GMT -08:00 US/Canada Pacific
> Subject: [FT897] Buffer to key amp SB 220
>
> Hey there is a guy who sells the buffer to key the SB 220 , or any
> other amp for that matter, that he makes specifically for the ft-857.
>

> Do9es anyone have his contact info, or know where I can get one made
> specifically made for this radio so that I can use my amp with it?
>
> Thanks,
>
> WA4ZVG
>
> If you want to make your own , it is on the 857 list files section.
>
> I installed 12 volt reed relay in mine for a buffer so it will key
> high current amp relays.
>
> Dale
>
> _,_._,___
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

28186. Re: [FT897] Internal Keyer Issues

Yahoo group: FT897 (2009)
Date: 2009-10-31 23:09:08 UTC
From: jim hyde
Topic: 28158 Message: 28186

did you try the mic keyer

From: John Grimmett <jgrimmet@...>
To: ft897@yahoogroups.com
Sent: Wed, October 28, 2009 5:06:52 PM
Subject: [FT897] Internal Keyer Issues

Greetings,
I am experiencing a problem with the internal CW keyer on my 897. The iambic paddle no longer generates dits and dahs. The dahs work fine on the left paddle but the dits on the right paddle do nothing. I have confirmed that the paddle itself is fine as I have a viable circuit from ground through both poles to the correct band on the plug. The CW Key REV setting via menu [25] seems to have no effect. What am I doing wrong?

Thanks,
John
VA3JSG

[Non-text portions of this message have been removed]

28187. Re: [FT897] Internal Keyer Issues

Yahoo group: FT897 (2009)
Date: 2009-10-31 23:12:09 UTC
From: Chris Baker
Topic: 28158 Message: 28187

i had similar problem and found that the 3.5mm plug was not pushed into the 897 sovket fully!

Thanks

Chris
  Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1TG4LDS@...

--

[Non-text portions of this message have been removed]

28188. What is the used price today for a FT-897?

Yahoo group: FT897 (2009)
Date: 2009-11-01 01:59:11 UTC
From: Don
Topic: 28188 Message: 28188

GE,
Thanks for letting me post here and my question is for those owners of the FT-897 can you give me your best guess price of `fair' market value for this rig? I would appreciate listing:

- Low end price (working but not in the best physical condition)
- Medium price (working in good condition)
- High end price (working and perfect condition).

I would be interested greatly appreciate your thoughts on fair price or estimates.

Don kb9umt
http://groups.yahoo.com/group/HamRadioUsedPrices/

28189. Re: [FT897] What is the used price today for a FT-897?

Yahoo group: FT897 (2009)
Date: 2009-11-01 02:32:20 UTC
From: Trixter aka Bret McDanel
Topic: 28188 Message: 28189

On Sun, 2009-11-01 at 01:59 +0000, Don wrote:
>
> GE,
> Thanks for letting me post here and my question is for those owners of
> the FT-897 can you give me your best guess price of `fair' market
> value for this rig? I would appreciate listing:

One place to look, in addition to anything said here, would be qrz.com forums. People sell radios all the time there, and you can get a good feel for what people are asking for the radios, as well as seeing which listings sell and which ones dont, which can give you a feel for what the actual sales price is (although you may not know if the price was altered outside the forums).

What I have seen is about $100 less than MSRP for many used radios of roughly this price, which for me is too close to the new price and would push me towards new. In some instances I have seen people sell their radios for the same price as new, and it is my belief that people look at what they paid originally for the radio and do not take into account that new radios have come down in price (although recently Yaesu did raise the price of its radios). I am not a believer that radios increase in value as time goes on, as such I personally think that a fair used price is about 75% of what a new one similarly equipped goes for, and you go down for cosmetic or functional defects.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28190. Re: [FT897] What is the used price today for a FT-897?

Yahoo group: FT897 (2009)
Date: 2009-11-01 03:25:33 UTC
From: jim hyde
Topic: 28188 Message: 28190

hell this aint physics .. just go get one.

From: Trixter aka Bret McDanel <trixter@...>
To: FT897@yahoogroups.com
Sent: Sat, October 31, 2009 9:32:20 PM
Subject: Re: [FT897] What is the used price today for a FT-897?

On Sun, 2009-11-01 at 01:59 +0000, Don wrote:
>
> GE,
> Thanks for letting me post here and my question is for those owners of
> the FT-897 can you give me your best guess price of `fair' market
> value for this rig? I would appreciate listing:

One place to look, in addition to anything said here, would be qrz.com forums. People sell radios all the time there, and you can get a good feel for what people are asking for the radios, as well as seeing which listings sell and which ones dont, which can give you a feel for what the actual sales price is (although you may not know if the price was altered outside the forums).

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kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit. edu:11371/ pks/lookup? op=get&search= 0x8AE5C721

[Non-text portions of this message have been removed]

28191. Re: [FT897] What is the used price today for a FT-897?

Yahoo group: FT897 (2009)
Date: 2009-11-01 03:52:58 UTC
From: carl
Topic: 28188 Message: 28191

Fair comment Bret.
However I disagree with your remark re radios not becoming more valuable
as time goes by.
True of the modern stuff, but not wirelesses!
Carl VK3EMF

Trixter aka Bret McDanel wrote:
>
>
> On Sun, 2009-11-01 at 01:59 +0000, Don wrote:
> >
> > GE,
> > Thanks for letting me post here and my question is for those owners of
> > the FT-897 can you give me your best guess price of `fair' market
> > value for this rig? I would appreciate listing:
>
> One place to look, in addition to anything said here, would be qrz.com
> forums. People sell radios all the time there, and you can get a good
> feel for what people are asking for the radios, as well as seeing which
> listings sell and which ones dont, which can give you a feel for what
> the actual sales price is (although you may not know if the price was
> altered outside the forums).
>
> What I have seen is about $100 less than MSRP for many used radios of
> roughly this price, which for me is too close to the new price and would
> push me towards new. In some instances I have seen people sell their
> radios for the same price as new, and it is my belief that people look
> at what they paid originally for the radio and do not take into account
> that new radios have come down in price (although recently Yaesu did
> raise the price of its radios). I am not a believer that radios
> increase in value as time goes on, as such I personally think that a
> fair used price is about 75% of what a new one similarly equipped goes
> for, and you go down for cosmetic or functional defects.
>
> kc2dwq
> >
> --
> Trixter http://www.0xdecafbad.com <http://www.0xdecafbad.com> Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
> <http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
>
>

[Non-text portions of this message have been removed]

28192. Re: noise

Yahoo group: FT897 (2009)
Date: 2009-11-01 04:39:09 UTC
From: ortracr
Topic: 28109 Message: 28192

--- In FT897@yahoogroups.com, "Ron" <rangert@...> wrote:
>
>
> There is a strange 'feature' called IPO, see MFm, A button. Turning ON IPO actually turns OFF the preamp which is not usually needed on lower bands.

I know this has probably been covered here before, and it's been covered other places as well.

When you say "Lower Bands" are you talking lower according to frequency or according to band plan?

If 20 Meters were the dividing line, by Band your statement would cover from 20 Meters to 70 cm band. By frequency 20 meters (14 Mhz) through 160 meters (1.8 Mhz). I know this has caused confusion in the past at other places and would like to make sure we're all on the same page.

Thanks
Sam NW9T

28193. Menu item 004

Yahoo group: FT897 (2009)
Date: 2009-10-31 22:14:28 UTC
From: jose.douglas
Topic: 28193 Message: 28193

Hi!

I am new to all this; just purchased this rig a couple of weeks ago and I'm having a hard time figuring it out.
Also just got my technician license a couple of weeks ago.
We bought this radio because we plan to get the general license in the near future.
I am trying to enable the Dial knob on the FM, 2 meter mode. I did get the value changed to "enable" but I'm still not able to use the dial knob.
I am trying to do fine tuning; right now the radio jumps frequencies in intervals of 10; 5 would be nice...

Any help would be appreciated.

Thanks!

Jose Douglas
Round Pond, ME
KB1TCD

28194. File - FT897 Group Guidelines.txt

Yahoo group: FT897 (2009)
Date: 2009-11-01 07:38:07 UTC
From: FT897@yahoogroups.com
Topic: 5240 Message: 28194

The FT897 Group averages around 320 (+/-100 one-sigma) messages per month. Because the volume of messages is rather large, I would like to remind everyone of a few long-standing FT897 guidelines to follow. Most of you do so already.

1. Civility. (This is practiced well by our members!)

2. Please sign your messages with name and call sign, e.g., Fred - W1XYZ.

3. When replying to a posting (message), kindly delete all unnecessary text including the trailing text. Only leave the text from the prior message to which you are replying ... <snip> the rest. If one desires to read the entire thread, the command [Up Thread] at the top of the message can be used to read the entire discussion. Remember also that a lot of members have slow connections and some even pay connect time or characters rx/tx. This also helps the clarity of your message.

4. When replying to a post, please decide if your comment should be to the entire group of over 4,300 or directly to the author of the post. When you click on "Reply," it goes to everyone. To reply direct (simplex), you should click on the email address following the user ID line at the top of the post. Notice that only a part is shown for privacy. Also, please think about if what you are about to post in reply to the group really should be to the group ... replies like "I sure do agree with that" doesn't add much to the group. Send thoughts like those direct to the poster please.

5. It is fine for members to post something for sale or wanted to buy ... once per item(s). All questions and offers to buy/sell should be made directly to the poster, not to the Group. The member posting the FS or WTB may post that the item(s) was/were sold/purchased.

6. Posting of commercial items for sale by manufacturers or dealers is also fine, but should be done on an infrequent basis. The FT897 members benefit by learning of hardware, software, sales, etc. before it appears in magazines, etc.

7. New members are all moderated until their first posting. If it follows the guidelines, it is approved and the member is change to unmoderated status. This list is a partially moderated list, i.e., only first message is moderated while later messages are monitored after posting. If an unmoderated posting is found by the moderators to have a problem, then the poster is contacted directly to resolve. Actions are taken against those that chronically violate the rules.

The reason for this form of moderation is to block spammers from the list and it has been working.

8. Do not add disclaimers to your posts that (1) restrict the ability of other members to use the information you post, (2) claim a copyright to your post, or (3) to claim any type of "rights" as a consequence of another member replying to you post either directly to you or to the group.

Thanks to all es 73,
Barry - W4WB
Moderator

28195. Re: [FT897] Menu item 004

Yahoo group: FT897 (2009)
Date: 2009-11-01 11:10:27 UTC
From: Keith
Topic: 28193 Message: 28195

Starting around page 54 of the manual the Menu's used in the radio are
written about and contain short informational text about their function.
Going from a all dials and knobs radio to a computer menu driven radio
can cause frustation. FM step is menu # 52 for the mem/vfo ch knob &
Page 22 discusses setting the dial speed by pressing the power button
momentarily and the display will show a running stick figure
in the bottom right of the LCD display.

--
Best Regards, Keith
http://home.comcast.net/~kilowattradio/

----- "jose.douglas" <josedouglas@...> wrote:

> From: "jose.douglas"
> To: FT897@yahoogroups.com
> Sent: Saturday, October 31, 2009 3:14:28 PM GMT -08:00 US/Canada Pacific
> Subject: [FT897] Menu item 004
>
> Hi!
>
> I am new to all this; just purchased this rig a couple of weeks ago
> and I'm having a hard time figuring it out.
> Also just got my technician license a couple of weeks ago.
> We bought this radio because we plan to get the general license in the
> near future.
> I am trying to enable the Dial knob on the FM, 2 meter mode. I did
> get the value changed to "enable" but I'm still not able to use the
> dial knob.
> I am trying to do fine tuning; right now the radio jumps frequencies
> in intervals of 10; 5 would be nice...
>
> Any help would be appreciated.
>
> Thanks!
>
> Jose Douglas
> Round Pond, ME
> KB1TCD
>
>
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

28196. Re: Menu item 004

Yahoo group: FT897 (2009)
Date: 2009-11-01 16:10:40 UTC
From: jraboldcal
Topic: 28193 Message: 28196

Following up on Keith's response to your question, yes, menu item 52, "FM STEP", allows you to change the size of the frequency step as you turn the MEM/VFO CH knob in FM mode when using a VFO. If you try single sideband, though, you'll see that setting doesn't apply to that mode. There is a separate setting in menu item 82, "SSB STEP", to set the frequency step for SSB operation.

John KS6M

28197. Re: Menu item 004

Yahoo group: FT897 (2009)
Date: 2009-11-01 23:54:54 UTC
From: oldmayorkd5lbe
Topic: 28193 Message: 28197

It is important that you read and play with the memory functions starting on page 52. Hold down the F key until the memory mode shows up. Go to 052 turning the mem dial on the right. Adjust the the big dial until you get the steps you want in FM. FM steps given are sufficient for what you are going to need. When it shows 5 in the window hit the F key again. Read and reread the book. It makes the radio a lot more fun.

--- In FT897@yahoogroups.com, "jose.douglas" <josedouglas@...> wrote:
>
> Hi!
>
> I am new to all this; just purchased this rig a couple of weeks ago and I'm having a hard time figuring it out.
> Also just got my technician license a couple of weeks ago.
> We bought this radio because we plan to get the general license in the near future.
> I am trying to enable the Dial knob on the FM, 2 meter mode. I did get the value changed to "enable" but I'm still not able to use the dial knob.
> I am trying to do fine tuning; right now the radio jumps frequencies in intervals of 10; 5 would be nice...
>
> Any help would be appreciated.
>
> Thanks!
>
> Jose Douglas
> Round Pond, ME
> KB1TCD
>

28198. FNB78 connector info needed

Yahoo group: FT897 (2009)
Date: 2009-11-02 17:19:58 UTC
From: pjseraf
Topic: 28198 Message: 28198

Does anyone know the part number for the female 3 pin female battery connector used for the internal battery in the FT897D? I want to build my own power packs with nimh C cells. If you have a source for the connectors that would be great too.

73
Phil - K3FOD

28199. Re: [FT897] FNB78 connector info needed

Yahoo group: FT897 (2009)
Date: 2009-11-02 18:06:01 UTC
From: Finnigann
Topic: 28198 Message: 28199

On Mon, 02 Nov 2009 12:19:58 -0500, pjseraf <GrayFox17@...> wrote:

> Does anyone know the part number for the female 3 pin female battery
> connector used for the internal battery in the FT897D? I want to build
> my own power packs with nimh C cells. If you have a source for the
> connectors that would be great too.
>
> 73
> Phil - K3FOD
>

http://f1.grp.yahoofs.com/v1/IB7vSu5tLy4-Kzrmp3oNLJCCo2LpRulTGVA7v-ab75rPX7EqijQ-J-88Mjiu2sUWmJZ9vkpWGcB0hcWVV9XGmzDaGC1S90L5VWGP/*%20FT-897%20Manuals/FT-897%20Schematic%20Diagram.pdf

I'm told these links can/do change. So with that in mind, click on the flies link at the bottom of most messages. The FIRST sub-catagory is Manuals. The second one down is > FT-897 Schematic Diagram.pdf < After that, you're on your own. I saw something that looked like what you're talking about, but I saw it first thing, so THAT can't be what you meant.

As far as sourcing the part... let us know what you turn up. Sounds like more folks might want that info too.

Good Luck!

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28200. Re:FNB78 connector info needed

Yahoo group: FT897 (2009)
Date: 2009-11-03 21:37:51 UTC
From: Tim Seeley
Topic: 28198 Message: 28200

www.mouser.com if don't have it, it can't be had.

Tim
kc0ujm

[Non-text portions of this message have been removed]

28201. Re: [FT897] Re:FNB78 connector info needed

Yahoo group: FT897 (2009)
Date: 2009-11-03 21:44:03 UTC
From: k5wlf@rebelwolf.com
Topic: 28201 Message: 28201

If Mouser doesn't have it, try www.digikey.com Also www.alliedelec.com

73,
ldb
K5WLF

> -------Original Message-------
> From: Tim Seeley <daroutergod@...>
> Subject: [FT897] Re:FNB78 connector info needed
> Sent: 03 Nov '09 15:37
>
> www.mouser.com?? if don't have it, it can't be had.
>
> Tim
> kc0ujm

28202. Re: Buffer to key amp SB 220

Yahoo group: FT897 (2009)
Date: 2009-11-01 17:30:13 UTC
From: njsteve0524
Topic: 28177 Message: 28202

If you want to put a buffer between the 897 and most any amp, use the ARB-704 from Ameritron. Works like a champ.

W4RT also has great accessories for the 897 including a CAT port expander and DSP add-ins.

--- In FT897@yahoogroups.com, "wa4zvg" <wa4zvg@...> wrote:
>
> Hey there is a guy who sells the buffer to key the SB 220 , or any other amp for that matter, that he makes specifically for the ft-857.
>
> Do9es anyone have his contact info, or know where I can get one made specifically made for this radio so that I can use my amp with it?
>
> Thanks,
>
> WA4ZVG
>

28203. Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-02 19:13:40 UTC
From: Barra
Topic: 28193 Message: 28203

I recently bought a Microham USBIII interface. It is capable of operating many digital modes and operating the radio from the PC by an integrated CAT connection. The interface has it's own soundcard.

I am now looking for software, preferably freeware, that will allow me to connect to the FT897 via the interface to address and manage the memory channels in the 897.

The makers of Microham tell me it will work as long as this software addresses a com port.

Any idea what software I might be looking at?

Maarten
PD4M

28204. RE: [FT897] Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-04 15:08:24 UTC
From: Donald Weissgerber
Topic: 28193 Message: 28204

Mararten,

There are a lot of terrific choices out there that are completely free (or have a very low registration cost).

I use DXLab suite for radio control and

MultiPSK for digital modes.

Don

N9GOD

Join the N9GOD team on the World Community Grid project at:

http:// www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=P5GMDB2DQ1

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Barra
Sent: Monday, November 02, 2009 13.14
To: FT897@yahoogroups.com
Subject: [FT897] Programming memory wit interface

I recently bought a Microham USBIII interface. It is capable of operating many digital modes and operating the radio from the PC by an integrated CAT connection. The interface has it's own soundcard.

I am now looking for software, preferably freeware, that will allow me to connect to the FT897 via the interface to address and manage the memory channels in the 897.

The makers of Microham tell me it will work as long as this software addresses a com port.

Any idea what software I might be looking at?

Maarten
PD4M

[Non-text portions of this message have been removed]

28205. Re: [FT897] Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-04 18:10:43 UTC
From: Trixter aka Bret McDanel
Topic: 28193 Message: 28205

On Mon, 2009-11-02 at 20:13 +0100, Barra wrote:
>
> I am now looking for software, preferably freeware, that will allow me
> to
> connect to the FT897 via the interface to address and manage the
> memory
> channels in the 897.

if you want to help me map out memory I have been writing some perl
tools that do that. I have some of the channels mapped out but not all
the different options.

http://www.0xdecafbad.com/?p=154
>

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28206. Dual Receive Active

Yahoo group: FT897 (2009)
Date: 2009-11-04 19:16:17 UTC
From: py4xx
Topic: 28206 Message: 28206

Hello everybody ...
I saw several messages on the display the message "Dual Receive Active"
What does that mean?? Receive VFOs the two together??

Thanks

Carlos Alberto
PY4XX
"Without CW I'm just CB"

28207. Re: [FT897] Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-04 20:55:29 UTC
From: Allan Godney
Topic: 28193 Message: 28207

Hello Bret

I suggest you look at FTBasicMMO on:

http://www.g4hfq.co.uk/ <http://www.0xdecafbad.com/?p=154>
<http://www.0xdecafbad.com/?p=154>
This program is simple to operate, very powerful and only costs ?10

Regards Allan M0CBG

Trixter aka Bret McDanel wrote:
>
>
> On Mon, 2009-11-02 at 20:13 +0100, Barra wrote:
> >
> > I am now looking for software, preferably freeware, that will allow me
> > to
> > connect to the FT897 via the interface to address and manage the
> > memory
> > channels in the 897.
>
> if you want to help me map out memory I have been writing some perl
> tools that do that. I have some of the channels mapped out but not all
> the different options.
>
> http://www.0xdecafbad.com/?p=154 <http://www.0xdecafbad.com/?p=154>
> >
>
> kc2dwq
> --
> Trixter http://www.0xdecafbad.com <http://www.0xdecafbad.com> Bret McDanel
> pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721
> <http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721>
>
>

28208. Re: [FT897] Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-05 00:06:44 UTC
From: Trixter aka Bret McDanel
Topic: 28193 Message: 28208

On Wed, 2009-11-04 at 20:55 +0000, Allan Godney wrote:
>
> Hello Bret
>
> I suggest you look at FTBasicMMO on:
>
> http://www.g4hfq.co.uk/ <http://www.0xdecafbad.com/?p=154>
> <http://www.0xdecafbad.com/?p=154>
> This program is simple to operate, very powerful and only costs £10
>

mine costs 0, I have done it as a community effort. Why would you
suggest that I stop providing information for free and software for free
and instead go to software that does not work in the operating system I
prefer and costs money?

I did the stuff I am doing in perl because it works in windows, osx,
linux, *BSD, solaris, and more.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28209. Re: Programming memory wit interface

Yahoo group: FT897 (2009)
Date: 2009-11-05 02:08:05 UTC
From: dj7sw
Topic: 28193 Message: 28209

I do use a simple program made by DG5KW, named FT857DRW.ZIP.
The free-download adress is:

http://www.mydarc.de/dc5kw/

This program reads all 210 memories and writes the content into
a .csv file. This file can then edited by excel or any other
csv editor. I believe excel is an overkill for this purpose.
A gud csv editor (cardware=send a qsl hi hi) is found here:

http://csved.sjfrancke.nl/index.html

The edited file is then writen back into FT 857/859 memories.

One memory-line consists of nine colums separated by semicolon:

Colum 1 = M or P (M=memory, P=Part of Scan pair)
Colum 2 = empty or asterix if skiped during scan
Colum 3 = Memory number
Colum 4 = type of modulation RX (AM-FM-WFM-USB-LSB-CW)
Coöum 5 = RX QRG (example 14450000)
Colum 6 = TX QRG or -R for repeatershift (Menue 76)or empty
Colum 7 = type of modulation TX (AM-FM-WFM-USB-LSB-CW)
Colum 8 = Label (max 8 letters/sigs/spaces)
Colum 9 = asterix if label is to show, empty means show QRG

I programed all 70cm and 2m relay channels from number 200 backwards,
the available relais in my area are labeld with their names, and even
the broadcast and FM channels have proper labels now. I like this
new "knob rotary feeling". I even made different files for north and
south german areas.

If you need more than 200 channels say several hundreds you may hold the qrg lists on your computer. A nice program for this application is made by OK1FIG.

http://ok1fig.nagano.cz/vlr_overview.htm

73 and have fun
Lup, DJ7SW/DL0KF

--- In FT897@yahoogroups.com, "Barra" <barra64@...> wrote:
>
> I recently bought a Microham USBIII interface. It is capable of operating
> many digital modes and operating the radio from the PC by an integrated CAT
> connection. The interface has it's own soundcard.
>
> I am now looking for software, preferably freeware, that will allow me to
> connect to the FT897 via the interface to address and manage the memory

> channels in the 897.
>
> The makers of Microham tell me it will work as long as this software
> addresses a com port.
>
> Any idea what software I might be looking at?
>
> Maarten
> PD4M
>

28210. Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-05 22:08:59 UTC
From: Damien Gardner Jnr
Topic: 28210 Message: 28210

Howdy Folks,

I've read through the manual for my 897D (which doesn't seem to say anything about scanning..), and I can't seem to find a really useful feature which my 10-year-old 8100 has.. - begin/end memories.. On my 8100, I can tell it to scan from one frequency to another freq and then come back and start again - makes it great for scanning a band looking for people talking.. I can't seem to find anything similar on the 897 - if i hit scan, it just starts scanning and works its way up through the band. And since noise is sitting on S7, and most signals also come in around 7-8, the scan is basically useless anyway (either it doesn't scan, or you set the squelch up and miss all the quiet stations... But when I'm sitting in the garage, I'd rather be pottering on some project or other and have the thing scanning (even if I have to hit a button to stop and go back manually if I hear something), than sit there turning a knob continously..

Any thoughts on how to go about that?? I've also looked through HRD, and that doesn't seem to have the option either.. (Although tuning through HRD is a bit iffy anyway, as it randomly changes USB/LSB/DIG/CW if you're tuning to 'favourites' rather than just entering a freq into the frequency display..)

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28211. RE: [FT897] Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-05 22:19:57 UTC
From: eric@van-de-weyer.org
Topic: 28210 Message: 28211

Hi Damien,

I suggest, then, that you re-read the manual particularly from page 45 (see index at teh front of the manual).

There is an entire section on scamming including exactly what you are talking about, Programmable Memory Scan which is on page 48 and does exactly what you are talking about. You can set up to 5 sets of upper and lower frequency limits and scann between them.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Damien Gardner Jnr <rendrag@...>
>Date: Fri, 6 Nov 2009 09:08:59 +1100
>Subject: [FT897] Scanning?
>Reply-To: FT897@yahoogroups.com
>
>
>Howdy Folks,
>
>I've read through the manual for my 897D (which doesn't seem to say
>anything about scanning..), and I can't seem to find a really useful
>feature which my 10-year-old 8100 has.. - begin/end memories.. On my
>8100, I can tell it to scan from one frequency to another freq and
>then come back and start again - makes it great for scanning a band
>looking for people talking.. I can't seem to find anything similar on

>the 897 - if i hit scan, it just starts scanning and works its way up
>through the band. And since noise is sitting on S7, and most signals
>also come in around 7-8, the scan is basically useless anyway (either
>it doesn't scan, or you set the squelch up and miss all the quiet
>stations... But when I'm sitting in the garage, I'd rather be
>pottering on some project or other and have the thing scanning (even
>if I have to hit a button to stop and go back manually if I hear
>something), than sit there turning a knob continously..
>
>Any thoughts on how to go about that?? I've also looked through HRD,
>and that doesn't seem to have the option either.. (Although tuning
>through HRD is a bit iffy anyway, as it randomly changes USB/LSB/DIG/
>CW if you're tuning to 'favourites' rather than just entering a freq
>into the frequency display..)
>
>Cheers,
>

>DG
>
>Damien Gardner Jnr
>VK2TDG. Dip EE. GradIEAust
>rendrag@... - http://www.rendrag.net/
>--
>We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
>We danced among the lightning bolts,
> and tore the world asunder
>
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>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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28212. Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-06 17:53:02 UTC
From: stykemup
Topic: 28210 Message: 28212

You must be reading a different manual??
Page 48 is "Scanning Operation" and continues to page 50.
All the scanning proceedures are there. There are more than one memory scan function and you can select the one that fits your criteria... be sure to set your squelch!
I would suggest downloading the PDF manual for easier reading and printing of a particular subject.
I have 155 channels programmed into my 897D, but I have not found it necessary to scan them although I can see why you want to.
Bill, k3waw

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Howdy Folks,
>
> I've read through the manual for my 897D (which doesn't seem to say
> anything about scanning..), and I can't seem to find a really useful
> feature which my 10-year-old 8100 has.. - begin/end memories.. On my
> 8100, I can tell it to scan from one frequency to another freq and
> then come back and start again - makes it great for scanning a band
> looking for people talking.. I can't seem to find anything similar on
> the 897 - if i hit scan, it just starts scanning and works its way up
> through the band. And since noise is sitting on S7, and most signals
> also come in around 7-8, the scan is basically useless anyway (either
> it doesn't scan, or you set the squelch up and miss all the quiet
> stations... But when I'm sitting in the garage, I'd rather be
> pottering on some project or other and have the thing scanning (even
> if I have to hit a button to stop and go back manually if I hear
> something), than sit there turning a knob continously..
>
> Any thoughts on how to go about that?? I've also looked through HRD,
> and that doesn't seem to have the option either.. (Although tuning
> through HRD is a bit iffy anyway, as it randomly changes USB/LSB/DIG/
> CW if you're tuning to 'favourites' rather than just entering a freq
> into the frequency display..)
>
> Cheers,
>
> DG
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.

> We danced among the lightning bolts,
> and tore the world asunder
>
>
>
> [Non-text portions of this message have been removed]
>

28213. Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-06 18:04:02 UTC
From: stykemup
Topic: 28210 Message: 28213

To save time here is the Yaesu download link.

Yaesu FT-897D pdf manual download
<http://search.yahoo.com/search?ei=utf-8&fr=slv8-msgr&p=ft-897d%20pdf%20\
manual&type=>

k3waw

[Non-text portions of this message have been removed]

28214. CW practice

Yahoo group: FT897 (2009)
Date: 2009-11-06 19:24:47 UTC
From: Finnigann
Topic: 28214 Message: 28214

Is it possible to use the radio as a CW ractice machine. That is, to make the dots and dashes but not to send them over the air?

I know the radio will make a random series of 5 characters to test my recieve ability, But can I also send in the clear? I have re-read the CW part adn thought I was doing just that, but the more I read the manual the less I felt I was off air.

advTHANKSance

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28215. Re: [FT897] CW practice

Yahoo group: FT897 (2009)
Date: 2009-11-06 19:31:21 UTC
From: jim hyde
Topic: 28214 Message: 28215

review the manual ... the cw practice procedure is in it

28216. Re: [FT897] CW practice

Yahoo group: FT897 (2009)
Date: 2009-11-06 19:41:05 UTC
From: Finnigann
Topic: 28214 Message: 28216

On Fri, 06 Nov 2009 14:31:21 -0500, jim hyde <jnl96@...> wrote:

> review the manual ... the cw practice procedure is in it
>

Quite so. I missed the part where I was to be in a CW mode.

And to the other ham that also recommended I RTM. Oh well thanks anyway.

I wasn't looking for anyone to do my homework. It just looked that way.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28217. Re: [FT897] Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-06 20:26:50 UTC
From: Damien Gardner Jnr
Topic: 28210 Message: 28217

Thanks guys!

Yep, slightly different manual it would seem - my manual doesn't have the Programmable Memory Scan function at all! Which was what I was really missing, as I love it on my FT8100 :)
Actually it also doesn't have the page on Display Customisation - I thought I'd mis-read the reviews originally which said you could change the screen colour! Hrrm, I think I might print *this* manual out, and use it in place of the one that came with my rig :)

Hrrm, question re 'setting the SQL knob to the point where background noise is silenced'.. Am I just in a really horrid area for noise (two power stations within 10km, and a HV supply run about 100m north of me), or are Yaesu on drugs? Unless I'm above about 23mhz (the noise visibly drops between 22-24mhz from S9-S0), the squelch is completely useless, as any signal is going to be at a lower level than the background noise.. Except for a bunch of fellow VK contacts, my only success in hearing anything has been PSK31 from new caledonia!

Cheers,

Damien
VK2TDG

On 07/11/2009, at 4:53 AM, stykemup wrote:

> You must be reading a different manual??
> Page 48 is "Scanning Operation" and continues to page 50.
> All the scanning proceedures are there. There are more than one
> memory scan function and you can select the one that fits your
> criteria... be sure to set your squelch!
> I would suggest downloading the PDF manual for easier reading and
> printing of a particular subject.
> I have 155 channels programmed into my 897D, but I have not found it
> necessary to scan them although I can see why you want to.
> Bill, k3waw
>
> --- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>>
>> Howdy Folks,
>>
>> I've read through the manual for my 897D (which doesn't seem to say
>> anything about scanning..), and I can't seem to find a really useful
>> feature which my 10-year-old 8100 has.. - begin/end memories.. On my
>> 8100, I can tell it to scan from one frequency to another freq and
>> then come back and start again - makes it great for scanning a band

>> looking for people talking.. I can't seem to find anything similar
>> on
>> the 897 - if i hit scan, it just starts scanning and works its way up
>> through the band. And since noise is sitting on S7, and most signals
>> also come in around 7-8, the scan is basically useless anyway (either
>> it doesn't scan, or you set the squelch up and miss all the quiet
>> stations... But when I'm sitting in the garage, I'd rather be
>> pottering on some project or other and have the thing scanning (even
>> if I have to hit a button to stop and go back manually if I hear
>> something), than sit there turning a knob continously..
>>
>> Any thoughts on how to go about that?? I've also looked through HRD,
>> and that doesn't seem to have the option either.. (Although tuning
>> through HRD is a bit iffy anyway, as it randomly changes USB/LSB/DIG/
>> CW if you're tuning to 'favourites' rather than just entering a freq
>> into the frequency display..)
>>
>> Cheers,
>>
>> DG
>>
>> Damien Gardner Jnr
>> VK2TDG. Dip EE. GradIEAust
>> rendrag@... - http://www.rendrag.net/
>> --
>> We rode on the winds of the rising storm,
>> We ran to the sounds of thunder.
>> We danced among the lightning bolts,
>> and tore the world asunder
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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28218. Re: [FT897] Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-06 21:57:25 UTC
From: Allan Godney
Topic: 28210 Message: 28218

Hello Damien

Regarding the noise on HF. I also have high noise level S8 - S9, but I find that the 10db attenuator normally fixes the problem:
Tap the "F" key then using the "Mem / VFO set" knob select the "m" menu. Press the "B" key labeled "ATT" this puts in the 10db attenuator. The fact that my noise level normally drops to S0 suggests that it nulifies overloading of the front end as 10db should not drop the noise down to S0. Sometimes the "A" key marked "IPO" is sufficient to fix the problem.

Regards Allan M0CBG

--- On Fri, 6/11/09, Damien Gardner Jnr <rendrag@...> wrote:

From: Damien Gardner Jnr <rendrag@...>
Subject: Re: [FT897] Re: Scanning?
To: FT897@yahoogroups.com
Date: Friday, 6 November, 2009, 20:26

Thanks guys!

Yep, slightly different manual it would seem - my manual doesn't have

the Programmable Memory Scan function at all! Which was what I was

really missing, as I love it on my FT8100 :)

Actually it also doesn't have the page on Display Customisation - I

thought I'd mis-read the reviews originally which said you could

change the screen colour! Hrrm, I think I might print *this* manual

out, and use it in place of the one that came with my rig :)

Hrrm, question re 'setting the SQL knob to the point where background

noise is silenced'.. Am I just in a really horrid area for noise (two

power stations within 10km, and a HV supply run about 100m north of

me), or are Yaesu on drugs? Unless I'm above about 23mhz (the noise

visibly drops between 22-24mhz from S9-S0), the squelch is completely

useless, as any signal is going to be at a lower level than the

background noise.. Except for a bunch of fellow VK contacts, my only

success in hearing anything has been PSK31 from new caledonia!

Cheers,

Damien

VK2TDG

On 07/11/2009, at 4:53 AM, stykemup wrote:

> You must be reading a different manual??

> Page 48 is "Scanning Operation" and continues to page 50.

> All the scanning proceedures are there. There are more than one

> memory scan function and you can select the one that fits your

> criteria... be sure to set your squelch!

> I would suggest downloading the PDF manual for easier reading and

> printing of a particular subject.

> I have 155 channels programmed into my 897D, but I have not found it

> necessary to scan them although I can see why you want to.

> Bill, k3waw

>

> --- In FT897@yahoogroups. com, Damien Gardner Jnr <rendrag@... > wrote:

>>

>> Howdy Folks,

>>

>> I've read through the manual for my 897D (which doesn't seem to say

>> anything about scanning..), and I can't seem to find a really useful

>> feature which my 10-year-old 8100 has.. - begin/end memories.. On my

>> 8100, I can tell it to scan from one frequency to another freq and

>> then come back and start again - makes it great for scanning a band

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>> the 897 - if i hit scan, it just starts scanning and works its way up

>> through the band. And since noise is sitting on S7, and most signals

>> also come in around 7-8, the scan is basically useless anyway (either

>> it doesn't scan, or you set the squelch up and miss all the quiet

>> stations... But when I'm sitting in the garage, I'd rather be

>> pottering on some project or other and have the thing scanning (even

>> if I have to hit a button to stop and go back manually if I hear

>> something), than sit there turning a knob continously. .

>>

>> Any thoughts on how to go about that?? I've also looked through HRD,

>> and that doesn't seem to have the option either.. (Although tuning

>> through HRD is a bit iffy anyway, as it randomly changes USB/LSB/DIG/

>> CW if you're tuning to 'favourites' rather than just entering a freq

>> into the frequency display..)

>>

>> Cheers,

>>

>> DG

>>

>> Damien Gardner Jnr

>> VK2TDG. Dip EE. GradIEAust

>> rendrag@... - http://www.rendrag. net/

>> --

>> We rode on the winds of the rising storm,

>> We ran to the sounds of thunder.

>> We danced among the lightning bolts,

>> and tore the world asunder

>>

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>> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

28219. Re: [FT897] Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-06 22:34:48 UTC
From: Damien Gardner Jnr
Topic: 28210 Message: 28219

Oh, wow!@#!

Did that, and it dropped the S+ noise on 10.147 down to S3, and all of a sudden I can decode the HF APRS going on there!

Thankyou VERY much :)

Regards,

Damien
VK2TDG

On 07/11/2009, at 8:57 AM, Allan Godney wrote:

> Hello Damien
>
> Regarding the noise on HF. I also have high noise level S8 - S9, but
> I find that the 10db attenuator normally fixes the problem:
> Tap the "F" key then using the "Mem / VFO set" knob select the "m"
> menu. Press the "B" key labeled "ATT" this puts in the 10db
> attenuator. The fact that my noise level normally drops to S0
> suggests that it nulifies overloading of the front end as 10db
> should not drop the noise down to S0. Sometimes the "A" key marked
> "IPO" is sufficient to fix the problem.
>
> Regards Allan M0CBG
>
> --- On Fri, 6/11/09, Damien Gardner Jnr <rendrag@...> wrote:
>
> From: Damien Gardner Jnr <rendrag@...>
> Subject: Re: [FT897] Re: Scanning?
> To: FT897@yahoogroups.com
> Date: Friday, 6 November, 2009, 20:26
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> Thanks guys!
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> Actually it also doesn't have the page on Display Customisation - I
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> thought I'd mis-read the reviews originally which said you could
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> change the screen colour! Hrrm, I think I might print *this* manual
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> out, and use it in place of the one that came with my rig :)
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>
> Hrrm, question re 'setting the SQL knob to the point where background
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> noise is silenced'.. Am I just in a really horrid area for noise (two
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> power stations within 10km, and a HV supply run about 100m north of
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> me), or are Yaesu on drugs? Unless I'm above about 23mhz (the noise
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> background noise.. Except for a bunch of fellow VK contacts, my only
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> success in hearing anything has been PSK31 from new caledonia!
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> Cheers,
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> Damien
>
> VK2TDG
>

>
>
> On 07/11/2009, at 4:53 AM, stykemup wrote:
>
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>
>> You must be reading a different manual??
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>> Page 48 is "Scanning Operation" and continues to page 50.
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>> I would suggest downloading the PDF manual for easier reading and
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>
>> I have 155 channels programmed into my 897D, but I have not found it
>
>> necessary to scan them although I can see why you want to.
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>> Bill, k3waw
>
>>
>
>> --- In FT897@yahoogroups. com, Damien Gardner Jnr <rendrag@... >
>> wrote:
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>
>>> Howdy Folks,
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>>> I've read through the manual for my 897D (which doesn't seem to say
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>>> anything about scanning..), and I can't seem to find a really useful
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>
>>> 8100, I can tell it to scan from one frequency to another freq and
>
>>> then come back and start again - makes it great for scanning a band
>
>>> looking for people talking.. I can't seem to find anything similar
>

>>> on
>
>>> the 897 - if i hit scan, it just starts scanning and works its way
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>
>>> through the band. And since noise is sitting on S7, and most signals
>
>>> also come in around 7-8, the scan is basically useless anyway
>>> (either
>
>>> it doesn't scan, or you set the squelch up and miss all the quiet
>
>>> stations... But when I'm sitting in the garage, I'd rather be
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>>> pottering on some project or other and have the thing scanning (even
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>>> if I have to hit a button to stop and go back manually if I hear
>
>>> something), than sit there turning a knob continously. .
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>>>
>
>>> Any thoughts on how to go about that?? I've also looked through
>>> HRD,
>
>>> and that doesn't seem to have the option either.. (Although tuning
>
>>> through HRD is a bit iffy anyway, as it randomly changes USB/LSB/
>>> DIG/
>
>>> CW if you're tuning to 'favourites' rather than just entering a freq
>
>>> into the frequency display..)
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>>> Cheers,
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>>> DG
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>>>
>
>>> Damien Gardner Jnr
>
>>> VK2TDG. Dip EE. GradIEAust
>
>>> rendrag@... - http://www.rendrag. net/
>

>>> --
>
>>> We rode on the winds of the rising storm,
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>>> We ran to the sounds of thunder.
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>>> We danced among the lightning bolts,
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28220. Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-07 02:08:58 UTC
From: Jim in Downers Grove
Topic: 28210 Message: 28220

It just so happens that I just tried doing the same thing with scanning via HRD. I'm not in front of my radio but I know that the scan dialogue box allowed be to set upper and lower frequencies for the scan. Take a look again.

I'd be happy to get the particulars for you. Just contact me off list so we don't make too much noise.

'73

Jim - KC9AOP

--- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@...> wrote:
>
> Howdy Folks,
>
> I've read through the manual for my 897D (which doesn't seem to say
> anything about scanning..), and I can't seem to find a really useful
> feature which my 10-year-old 8100 has.. - begin/end memories.. On my
> 8100, ...<SNIP>

28221. Re: Scanning?

Yahoo group: FT897 (2009)
Date: 2009-11-07 18:25:22 UTC
From: stykemup
Topic: 28210 Message: 28221

great idea Jim... I've never used the scan on HRD,but I have today.
Works real well. I used the "Scanning" menu to select the freqencies and then hit scan and it worked.
Now to figure in the pre-programmed 2m &70cm channels I already programmed in my FT-897D in more than one memory group.
Thanks and don't worry about the "noise" as more than 1 would like to know the particulars... that's what forums are all about.
Bill, k3waw

--- In FT897@yahoogroups.com, "Jim in Downers Grove" <KC9AOP@...> wrote:
>
>
> It just so happens that I just tried doing the same thing with scanning
> via HRD. I'm not in front of my radio but I know that the scan dialogue
> box allowed be to set upper and lower frequencies for the scan. Take a
> look again.
>
> I'd be happy to get the particulars for you. Just contact me off list
> so we don't make too much noise.
>
> '73
>
> Jim - KC9AOP
>
>
> --- In FT897@yahoogroups.com, Damien Gardner Jnr <rendrag@> wrote:
> >
> > Howdy Folks,
> >
> > I've read through the manual for my 897D (which doesn't seem to say
> > anything about scanning..), and I can't seem to find a really useful
> > feature which my 10-year-old 8100 has.. - begin/end memories.. On my
> > 8100, ...<SNIP>
>

28222. Voltage Drop

Yahoo group: FT897 (2009)
Date: 2009-11-08 12:26:51 UTC
From: n8mfn
Topic: 28222 Message: 28222

I was just setting here and noticed a 2 volt drop in voltage when transmitting power supply is suposed to be 25 amp I dont have my other one here to test or is this a common thimg
Rick
N8MFN

28223. Re: [FT897] Voltage Drop

Yahoo group: FT897 (2009)
Date: 2009-11-08 13:25:49 UTC
From: Charles Scott
Topic: 28222 Message: 28223

Rick:

Your supply should definitely not sag 2 volts under an 18-20 Amp load, so it it's a meter on the supply or being measured at the supply terminals, you have a problem with the supply.

You should definitely not have 2 volts drop on your cabling to the radio. Assuming your cable between the supply and radio is 6' to 10', you'd have to be running something like 18 gauge or smaller cable to have that kind of voltage drop.

From that I think you can assume that you either have a bad supply, something wrong with a power connection or power cabling, or there's some problem with how you're measuring it.

Chuck - N8DNX

n8mfn wrote:
> I was just setting here and noticed a 2 volt drop in voltage when transmitting power supply is suposed to be 25 amp I dont have my other one here to test or is this a common thimg
> Rick
> N8MFN
>
>
>

28224. Hi all new here & just got my 897

Yahoo group: FT897 (2009)
Date: 2009-11-04 18:33:16 UTC
From: alistair
Topic: 28224 Message: 28224

Hi all name is Ali ime in lincolnshire uk,Just got my 897 today n love it to bits,great radio... what are the exact rx/tx range of a 897 before and after widebanding please,any advice on best atu on a budget.and any you definatly need to get this done ect thanks 73's

28225. Iambic Paddle

Yahoo group: FT897 (2009)
Date: 2009-11-07 15:48:41 UTC
From: Risk
Topic: 28225 Message: 28225

Hi guys,

I know this has already been covered somewhat, but Im not quite sure Ive got this clear.

Basically, I have an MFJ-564 Iambic Paddle. It is wired as per the destructions. That bit wasnt hard. Now I don't know if I have an intermittent short or not, it certainly isnt showing up thus in a continuity check, but for the last 3 weeks since I have had it, I have been able to key both paddle keys without the 897's keyer being selected. Now it was only staying on for as long as I held the key, either key that is. Not sure if Im losing you yet, but please stay with me. Basically, the paddle was acting like a brass thumper but both sides were able to be selected. I was using the right side for dah's and the left for dits. Of course I was holding down the right side for longer obviously.

I happen to like this configuration and it was all going well, until this afternoon. All of a sudden, the right side will not activate. However, it does activate when Keyer is selected. And this is when I read the messages on here which told me, that to use it, the keyer must be on.

Without re-wiring the paddle is there any setting, I have missed that will revert the paddles usage to the way I had it ? It just doesnt feel like a short and with the keyer on, it seems really unnatural.

I get the point, but it really isnt my cup of tea. I know someone will just say "why dont you just wire both sides to a mono plug, or throw a stereo to mono adapter on the lead. Well, I could do either, but I really think there is something Im missing.

I may be wrong, been there before.

Cheers if you can help

Risk

28226. radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-08 02:24:47 UTC
From: vk2faja
Topic: 28226 Message: 28226

Hi AlL

My radio has turns off and back on while going thew 70cm band.
it quickly turns off on back the last fenquice it was on and the same if im on mem chennals.

I have tried a master reset but this didnt solve the problem.

So has anyone else heard of this of had this problem them selfs

73

Adam VK2FAJA

28227. Newbie!!

Yahoo group: FT897 (2009)
Date: 2009-11-05 08:07:28 UTC
From: steve_o_963
Topic: 28227 Message: 28227

Hello, I've just purchased my FT-897 along with the LDG-897 tuner. Its all going well with the exception of interpreting the swr meter. I do appreciate the need to uses a separate meter where possible, but it has the feature and apparently no explanation in the hand book. for the record i have enabled swr and note a display crudely like this |_|_|_|

28228. FP-30 problems/comments?

Yahoo group: FT897 (2009)
Date: 2009-11-04 16:37:08 UTC
From: pilot g
Topic: 28228 Message: 28228

Hello,

I hope the administrator deletes my previous post (from a few minutes ago) askin about the FP-30 internal power supply part number. As usual, I needed to do a bit more research before asking a dumb question, so if the question got thru intact anyway, I apologize for its obvious lack of knowledge and effort reflection on me. I thought I had looked enough, when obviously I had not.

At any rate, I am awaiting my FT-897D, and at the time I didnt persue the internal power supply option. Now I am seriously considering it. But at over $200, I am wondering if anyone can give me their experiences with it, good or bad. I like the idea of having everying in one package. The shack gets cable-itis enough the way it is... But if its weak or they have trouble, I would like to know.

I am reading the hundreds (almost 300) on eham.net for the 897 (initial variant) but have not read much about the internal supply... mostly complaints about battery cost and the like.

Thanks for the help.

Wayne, ke0ms

28229. MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-06 11:45:13 UTC
From: alistair
Topic: 28229 Message: 28229

I have just got an mh 59 dtmf mike but dont no how to make it work with my 897? should it lite up ect when pluged in or do some menu have to be set?thanks Ali M6ALI ps my other post dont seem to have made it to the group?

28230. Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-08 04:17:13 UTC
From: crtr_rae
Topic: 28230 Message: 28230

My question is: Are the batteries (Ni-Mh)left in all the time? If they are, how are the switched for use and not from one to the other during charging ? The manual does not seem to address this question.. Thanks for your time!! Best 73's Carter WA8YVM

28231. Re: [FT897] Hi all new here & just got my 897

Yahoo group: FT897 (2009)
Date: 2009-11-08 21:27:37 UTC
From: Larry D. Barr, K5WLF
Topic: 28224 Message: 28231

I'm using an LDG AT-897 tuner and love it. 10:1 tuning range and bolts to the side of the radio. Can't beat it.

73,
ldb
K5WLF

alistair wrote:
> Hi all name is Ali ime in lincolnshire uk,Just got my 897 today n
> love it to bits,great radio... what are the exact rx/tx range of a
> 897 before and after widebanding please,any advice on best atu on a
> budget.and any you definatly need to get this done ect thanks 73's

28232. 24mhz help, needed!!

Yahoo group: FT897 (2009)
Date: 2009-11-08 18:14:20 UTC
From: steve_o_963
Topic: 28232 Message: 28232

Hi I've had my FT-897D a few days working fine on 2m/70cms. I took advantage of the good weather to install my HF antenna, its a bb6w. All is well, signals from USA to Russia were heard over most bands and all in i'm satisfied with the set up for now.

I have a problem with the 24mhz band, namely that I get TX error on any mode within the Uk allocation. Can anyone explain why that might be? I've read the manual but haven't noted this issue mentioned.

For the record 10m and 6 M work and its not that i have a need to use 12m, but i do want to know the rig is in full working order sooner rather tan later.

Your assistance is welcome,

Kind Regards,

Steve
G7TAO

28233. Hi all new here & just got my 897 Ali (M6ALI)

Yahoo group: FT897 (2009)
Date: 2009-11-07 20:18:55 UTC
From: alistair
Topic: 28233 Message: 28233

Hi every one great group great info,ive just traded up to the 897 &
find it great,any one know any thing about the cat-mate from bhi,
i have the chance of one or would i be better geting a standerd cat cable,& will an ldg atu work when in cat mode.cheers Ali M6ALI

28234. RE: [FT897] 24mhz help, needed!!

Yahoo group: FT897 (2009)
Date: 2009-11-08 21:42:33 UTC
From: Alistair Kennington
Topic: 28232 Message: 28234

Hi stevo,i only just got my 897 as well but for a guess yours is an 897 "none d" model the same as mine and needs to be wide banded to make all the frequencys work,as i also am getting tx error on some frequencys..see the files section for softwae to do this..ps i could quite possably be tottaly wrong so get answer from a knowladgeable opperator first..all the best ALI M6ALI

To: FT897@yahoogroups.com
From: steve@...
Date: Sun, 8 Nov 2009 18:14:20 +0000
Subject: [FT897] 24mhz help, needed!!

Hi I've had my FT-897D a few days working fine on 2m/70cms. I took advantage of the good weather to install my HF antenna, its a bb6w. All is well, signals from USA to Russia were heard over most bands and all in i'm satisfied with the set up for now.

I have a problem with the 24mhz band, namely that I get TX error on any mode within the Uk allocation. Can anyone explain why that might be? I've read the manual but haven't noted this issue mentioned.

For the record 10m and 6 M work and its not that i have a need to use 12m, but i do want to know the rig is in full working order sooner rather tan later.

Your assistance is welcome,

Kind Regards,

Steve
G7TAO

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http://www.microsoft.com/uk/windows/buy/

[Non-text portions of this message have been removed]

28235. Re: [FT897] radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-08 22:17:00 UTC
From: David Harris
Topic: 28226 Message: 28235

I have had this problem occasionally since I bought my radio years ago - it is an ND version and the PSU is fine. I have had this problem also when running my radio off a car battery which was fully charged. I was always receiving when it happened and I still don't know why.

Please check you're PSU is ok - maybe try another PSU.

It has not happened often enough to worry me too much, especially when I see, on here, that it happens to other people. Its annoying when it happens, but I don't worry now.

Regards & 73s
Dave H
G0CER
G6VSG / KJ4QAO

> *From:* "vk2faja" <vk2faja@...>
> *To:* FT897@yahoogroups.com
> *Date:* Sun, 08 Nov 2009 02:24:47 -0000
>
> Hi AlL
>
> My radio has turns off and back on while going thew 70cm band.
> it quickly turns off on back the last fenquice it was on and the
> same if im on mem chennals.
>
> I have tried a master reset but this didnt solve the problem.
>
> So has anyone else heard of this of had this problem them selfs
>
> 73
>
> Adam VK2FAJA
>
>

28236. FP-30 problems/comments?

Yahoo group: FT897 (2009)
Date: 2009-11-08 22:37:11 UTC
From: Phil
Topic: 28228 Message: 28236

I have the FP-30B and it works just fine. IIt makes a nice compact shack in a box. You could look for a used FP-30 they sell used for a lot less than $200.

73,
Phil
K3FOD

[Non-text portions of this message have been removed]

28237. Re: MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-08 22:47:46 UTC
From: vk2faja
Topic: 28229 Message: 28237

hi im guessing the menu is the same as the 879d menu no.59 (mic sel) put that on RMT and the mic will light up and work
adam
VK2FAJA
--- In FT897@yahoogroups.com, "alistair" <a.kennington1@...> wrote:
>
> I have just got an mh 59 dtmf mike but dont no how to make it work with my 897? should it lite up ect when pluged in or do some menu have to be set?thanks Ali M6ALI ps my other post dont seem to have made it to the group?
>

28238. Re: [FT897] Newbie!!

Yahoo group: FT897 (2009)
Date: 2009-11-08 23:55:34 UTC
From: Carl Wulfestieg
Topic: 28227 Message: 28238

Steve-

FT-897 Bar Display Explanation

Sign in to the FT-897 Yahoo Group
Click on "MESSAGES"
Search for Message 5278 - You'll find more than you ever wanted to know!

I forgot to mention the really simple answer. Go to W4RT Electronics http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).

Good Luck
73 Carl WZ4CW, SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28239. RE: [FT897] Re: MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-09 01:24:12 UTC
From: Alistair Kennington
Topic: 28229 Message: 28239

Hi thanks adam works perfect now,also ime begining to get my head round the radio as the days roll on..Cheers 73's Ali M6ALI

To: FT897@yahoogroups.com
From: vk2faja@...
Date: Sun, 8 Nov 2009 22:47:46 +0000
Subject: [FT897] Re: MH 59 and FT 897 pre D model

hi im guessing the menu is the same as the 879d menu no.59 (mic sel) put that on RMT and the mic will light up and work
adam
VK2FAJA
--- In FT897@yahoogroups.com, "alistair" <a.kennington1@...> wrote:
>
> I have just got an mh 59 dtmf mike but dont no how to make it work with my 897? should it lite up ect when pluged in or do some menu have to be set?thanks Ali M6ALI ps my other post dont seem to have made it to the group?
>

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http://www.microsoft.com/uk/windows/buy/

[Non-text portions of this message have been removed]

28240. RE: [FT897] Voltage Drop

Yahoo group: FT897 (2009)
Date: 2009-11-08 21:42:24 UTC
From: Adrian
Topic: 28222 Message: 28240

Hi Rick

I had the same thing with my 897, never really got to the bottom of it, Power supply checked out fine, radio worked perfectly but for some reason on TX the Voltage used to drop quite a lot on the 897 Display in TX, but if you check supply all is fine, ive seen a number of 897s on youtube videos and a large amount of them have large fluctuations in Voltage when txing on the display also, It really seems to be quite common

Adrian G0KOM

I was just setting here and noticed a 2 volt drop in voltage when transmitting power supply is suposed to be 25 amp I dont have my other one here to test or is this a common thimg
Rick
N8MFN

28241. Re: [FT897] Hi all new here & just got my 897

Yahoo group: FT897 (2009)
Date: 2009-11-08 21:32:23 UTC
From: john burke
Topic: 28224 Message: 28241

Hi

Yea I got the bolt on tuner from Yaesu for my 897 and I regret it.

it only tunes up to 2.5 SWR, also it takes up the cat port . I understand the tuner you got has a cat pass through so there is still a cat port available when it is being used.

Good job!

John
KF7DMZ

--- On Sun, 11/8/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:

From: Larry D. Barr, K5WLF <k5wlf@...>
Subject: Re: [FT897] Hi all new here & just got my 897
To: FT897@yahoogroups.com
Date: Sunday, November 8, 2009, 1:27 PM

I'm using an LDG AT-897 tuner and love it. 10:1 tuning range and bolts

to the side of the radio. Can't beat it.

73,

ldb

K5WLF

alistair wrote:

> Hi all name is Ali ime in lincolnshire uk,Just got my 897 today n

> love it to bits,great radio... what are the exact rx/tx range of a

> 897 before and after widebanding please,any advice on best atu on a

> budget.and any you definatly need to get this done ect thanks 73's

[Non-text portions of this message have been removed]

28242. Ham Friendly Property Available

Yahoo group: FT897 (2009)
Date: 2009-11-09 02:57:41 UTC
From: kc9foz
Topic: 28242 Message: 28242

This is a little off topic.

Is anyone looking for ham friendly property to buy around the Austin, TX area?

I am in the process of moving out of state for work and to be closer to my family. My wife and I are selling our house with 9.82 acres, and no restrictions or HOA's and can be ag-exempted. This place is perfect for a ham station and antenna farm and is priced to sell as we need to move by December 15th.

If you are interested please email me direct at KC9FOZ @ hotmail.com.

Thanks,
Tom
KC9FOZ

28243. Re: 24mhz help, needed!!

Yahoo group: FT897 (2009)
Date: 2009-11-09 10:07:36 UTC
From: steve_o_963
Topic: 28232 Message: 28243

Thanks for the assistance Ali. I'll keep trying to suss it out, I'm sure i've missed the obvious somewhere.

Steve

--- In FT897@yahoogroups.com, Alistair Kennington <a.kennington1@...> wrote:
>
>
> Hi stevo,i only just got my 897 as well but for a guess yours is an 897 "none d" model the same as mine and needs to be wide banded to make all the frequencys work,as i also am getting tx error on some frequencys..see the files section for softwae to do this..ps i could quite possably be tottaly wrong so get answer from a knowladgeable opperator first..all the best ALI M6ALI
>
>
>
> To: FT897@yahoogroups.com
> From: steve@...
> Date: Sun, 8 Nov 2009 18:14:20 +0000
> Subject: [FT897] 24mhz help, needed!!
>
>
>
>
>
>
> Hi I've had my FT-897D a few days working fine on 2m/70cms. I took advantage of the good weather to install my HF antenna, its a bb6w. All is well, signals from USA to Russia were heard over most bands and all in i'm satisfied with the set up for now.
>
> I have a problem with the 24mhz band, namely that I get TX error on any mode within the Uk allocation. Can anyone explain why that might be? I've read the manual but haven't noted this issue mentioned.
>
> For the record 10m and 6 M work and its not that i have a need to use 12m, but i do want to know the rig is in full working order sooner rather tan later.
>
> Your assistance is welcome,
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> Kind Regards,
>
> Steve
> G7TAO
>
>
>

>
>
> ---
> New Windows 7: Find the right PC for you. Learn more.
> http://www.microsoft.com/uk/windows/buy/
>
> [Non-text portions of this message have been removed]
>

28244. Re: Newbie!!

Yahoo group: FT897 (2009)
Date: 2009-11-09 10:10:47 UTC
From: steve_o_963
Topic: 28227 Message: 28244

Carl,
Spot on info, this is exactly what i needed to find. Despite my best search phrases i didn't spot that thread. Thanks.

As for the FT meter, I am getting one but the missus wants to get me something for xmas and to be honest I cant think of anything else i need. I guess I'll wait till 25th!!

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Steve-
>
> FT-897 Bar Display Explanation
>
> Sign in to the FT-897 Yahoo Group
> Click on "MESSAGES"
> Search for Message 5278 - You'll find more than you ever wanted to know!
>
> I forgot to mention the really simple answer. Go to W4RT Electronics
> http://www.w4wb.com/index.htm , buy an FT-Meter (best $45 I ever spent) and plug it in. Done! It has a very good numerically scaled back-lit dial. (you'll need an external 12 vdc 60 ma source for the illumination) (I modified a junk box 12 vdc wall wart).
>
> Good Luck
> 73 Carl WZ4CW, SKCC 918, FISTS 13491
>
>
>
> [Non-text portions of this message have been removed]
>

28245. RE: [FT897] Re: 24mhz help, needed!!

Yahoo group: FT897 (2009)
Date: 2009-11-09 10:15:27 UTC
From: Alistair Kennington
Topic: 28232 Message: 28245

Hi stevo i have rechecked and it is near on definatly your radio needs "opening up" the wideband mod as in the files on the group site,i am just ordering my cat cable to alow me to do this mod to my 897 so it tx on all possable frequenceys as well this is what you need to do as well.73's Ali M6ali

To: FT897@yahoogroups.com
From: steve@...
Date: Mon, 9 Nov 2009 10:07:36 +0000
Subject: [FT897] Re: 24mhz help, needed!!

Thanks for the assistance Ali. I'll keep trying to suss it out, I'm sure i've missed the obvious somewhere.

Steve

--- In FT897@yahoogroups.com, Alistair Kennington <a.kennington1@...> wrote:
>
>
> Hi stevo,i only just got my 897 as well but for a guess yours is an 897 "none d" model the same as mine and needs to be wide banded to make all the frequencys work,as i also am getting tx error on some frequencys..see the files section for softwae to do this..ps i could quite possably be tottaly wrong so get answer from a knowladgeable opperator first..all the best ALI M6ALI
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>
> To: FT897@yahoogroups.com
> From: steve@...
> Date: Sun, 8 Nov 2009 18:14:20 +0000
> Subject: [FT897] 24mhz help, needed!!
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> For the record 10m and 6 M work and its not that i have a need to use 12m, but i do want to know the rig is in full working order sooner rather tan later.
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> Your assistance is welcome,
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> Kind Regards,
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> Steve
> G7TAO
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>
>
> --
> New Windows 7: Find the right PC for you. Learn more.
> http://www.microsoft.com/uk/windows/buy/
>
> [Non-text portions of this message have been removed]
>

New Windows 7: Find the right PC for you. Learn more.
http://www.microsoft.com/uk/windows/buy/

[Non-text portions of this message have been removed]

28246. Re: [FT897] FP-30 problems/comments?

Yahoo group: FT897 (2009)
Date: 2009-11-09 10:42:23 UTC
From: Dean Gibson AE7Q
Topic: 28228 Message: 28246

I have the FP-30 always attached to the bottom of the FT-897D. It just works (a "non-event").

I did unsolder the existing power cable from the FP-30 power supply board, and attached Anderson Powerpole connectors to the unsoldered ends. Then, I made & soldered a replacement power cable to the FP-30 power supply board, with Anderson Powerpoles on the other end of that cable. That way, when portable I have the maximum flexibility: I can either have a direct (but compact) power connection, or (in conjunction with an Anderson Powerpole splitter, such as the Powerwerx PS-4) power a couple of low-power accessories, like a tuner.

At the fixed station, I use the regular FT-897D power cable connected to a base power supply, and the FP-30 is switched off.

I tried the internal batteries, but in my opinion they were more trouble (and expensive) than they were worth. Only 20 watts, and when I used the FT-897D portable with the Yaesu batteries, they didn't have enough reserve to power the ATAS-120 through more than a few tuning cycles. If I really want battery power when portable, I haul along a couple of SLA (sealed lead acid) batteries. Last time I bought some (about five years ago), they were $32 for 18Ah each. A bit bulky/heavy for some portable operations, however, but at least full power.

-- Dean

On 2009-11-04 08:37, pilot g wrote:
> Hello,
>
> ... But at over $200, I am wondering if anyone can give me their experiences with it, good or bad. I like the idea of having everying in one package. The shack gets cable-itis enough the way it is... But if its weak or they have trouble, I would like to know. ...
>
> Wayne, ke0ms
>

28247. Re: [FT897] Re: MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-09 10:54:14 UTC
From: DavidN
Topic: 28229 Message: 28247

When I got my MT59 I had to change the mic gain settings, otherwise it was over the top (but I do tend to talk it up a bit). SSB MIC GAIN - 10 PROCESSOR - 60 FM MIC GAIN - 40 I always leave the processor in on SSB (it automatically switches out on FM). Now, I get great audio reports without prompting! :) .d. G4TUP/9H3CU. On Mon, 9 Nov 2009 at 1:24 AM, Alistair Kennington wrote: > > Hi thanks adam works perfect now,also ime begining to get my head round the > radio as the days roll on..Cheers 73's Ali M6ALI > > > > To: FT897@yahoogroups.com > From: vk2faja@... > Date: Sun, 8 Nov 2009 22:47:46 +0000 > Subject: [FT897] Re: MH 59 and FT 897 pre D model > > > > > > > hi im guessing the menu is the same as the 879d menu no.59 (mic sel) put > that on RMT and the mic will light up and work > adam > VK2FAJA > --- In FT897@yahoogroups.com, "alistair" wrote: > > > > I have just got an mh 59 dtmf mike but dont no how to make it work with > my 897? should it lite up ect when pluged in or do some menu have to be > set?thanks Ali M6ALI ps my other post dont seem to have made it to the > group? > > > > > > > > _____ > New Windows 7: Find the right PC for you. Learn more. > http://www.microsoft.com/uk/windows/buy/ > > [Non-text portions of this message have been removed] > > > > ------------------------------------ > > Yahoo! Groups Links > > > > [Non-text portions of this message have been removed]

28248. Re: [FT897] Voltage Drop

Yahoo group: FT897 (2009)
Date: 2009-11-09 11:00:21 UTC
From: DavidN
Topic: 28222 Message: 28248

My FT897 is in the car and wired directly to the battery with solid connections and with really thick cable. I get a voltage drop of 0.2v.

Make sure the power connection at the back of the rig is solid - try waggling it, and any other connections whil txing FM.....

.d. G4TUP/9H3CU.
P.S. I've read that apparently the negative connection shouldn't go direct to the battery but to a vehicle body connection as close to the battery as possible. With the former, if the battery to vehicle conection becomes loose, when you start the vehicle the huge current will go through the rig! Of course, if the negative line is fused that will blow, but how quickly?

On Sun, 8 Nov 2009 at 9:42 PM, Adrian <adrian@...> wrote:

>
>
> Hi Rick
>
> I had the same thing with my 897, never really got to the bottom of it,
> Power supply checked out fine, radio worked perfectly but for some reason
> on
> TX the Voltage used to drop quite a lot on the 897 Display in TX, but if
> you
> check supply all is fine, ive seen a number of 897s on youtube videos and a
> large amount of them have large fluctuations in Voltage when txing on the
> display also, It really seems to be quite common
>
> Adrian G0KOM
>
> I was just setting here and noticed a 2 volt drop in voltage when
> transmitting power supply is suposed to be 25 amp I dont have my other one
> here to test or is this a common thimg
> Rick
> N8MFN
>
>
>

[Non-text portions of this message have been removed]

28249. Re: [FT897] Re: MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-09 15:07:29 UTC
From: tailfeathers
Topic: 28229 Message: 28249

Those settings are backwards...You should only use a Processor in the
rare occasion you can't get through...It may increase audio but distorts
the S's and T's and picks up background noise like an amp fan...

n8gsj

DavidN wrote:
> When I got my MT59 I had to change the mic gain settings, otherwise it was
> over the top (but I do tend to talk it up a bit).
>
> SSB MIC GAIN - 10
> PROCESSOR - 60
> FM MIC GAIN - 40
>
> I always leave the processor in on SSB (it automatically switches out on
> FM).
>
> Now, I get great audio reports without prompting! :)
>
> .d. G4TUP/9H3CU.
>
>
> On Mon, 9 Nov 2009 at 1:24 AM, Alistair Kennington <a.kennington1@...
>
>> wrote:
> Hi thanks adam works perfect now,also ime begining to get my head round the
> radio as the days roll on..Cheers 73's Ali M6ALI
>
>
>

Weight Loss Program
Best Weight Loss Program - Click Here!
http://thirdpartyoffers.juno.com/TGL2141/c?cp=Daa9knW48jNNHSntCftcYQAAJ1BGa6ejTVXr4Gi35pj1
YZbJAAYAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAEUgAAAAA=

28250. Re: [FT897] Re: MH 59 and FT 897 pre D model

Yahoo group: FT897 (2009)
Date: 2009-11-09 17:18:57 UTC
From: DavidN
Topic: 28229 Message: 28250

Not from the reports I've had!

.d.

On Mon, 9 Nov 2009 at 3:07 PM, tailfeathers <tailfeathers@...> wrote:

>
>
> Those settings are backwards...You should only use a Processor in the
> rare occasion you can't get through...It may increase audio but distorts
> the S's and T's and picks up background noise like an amp fan...
>
> n8gsj
>
> DavidN wrote:
> > When I got my MT59 I had to change the mic gain settings, otherwise it
> was
> > over the top (but I do tend to talk it up a bit).
> >
> > SSB MIC GAIN - 10
> > PROCESSOR - 60
> > FM MIC GAIN - 40
> >
> > I always leave the processor in on SSB (it automatically switches out on
> > FM).
> >
> > Now, I get great audio reports without prompting! :)
> >
> > .d. G4TUP/9H3CU.
> >
> >
> > On Mon, 9 Nov 2009 at 1:24 AM, Alistair Kennington <
> a.kennington1@....uk <a.kennington1%40live.co.uk>
> >
> >> wrote:
> > Hi thanks adam works perfect now,also ime begining to get my head round
> the
> > radio as the days roll on..Cheers 73's Ali M6ALI
> >
> >
> >
> > _____
> Weight Loss Program
> Best Weight Loss Program - Click Here!
>
> http://thirdpartyoffers.juno.com/TGL2141/c?cp=Daa9knW48jNNHSntCftcYQAAJ1BGa6ejTVXr4Gi35p

j1YZbJAAYAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAEUgAAAAA=
>
>

[Non-text portions of this message have been removed]

28251. Re: [FT897] FP-30 problems/comments?

Yahoo group: FT897 (2009)
Date: 2009-11-09 18:43:14 UTC
From: Danny Loyd
Topic: 28228 Message: 28251

Wayne,

I have the FP-30 that came with the FT-897D that I bought second-hand and have had no problems at all with it. It keeps the power at a constant 13.8-14.0 Volts all the time. Would highly recommend getting it. I have had no problems with power supply noises or anything along those lines.

Danny
KE5WDI

From: pilot g <pilotguy1050@yahoo.com>
To: FT897@yahoogroups.com
Sent: Wed, November 4, 2009 10:37:08 AM
Subject: [FT897] FP-30 problems/comments?

Hello,

I hope the administrator deletes my previous post (from a few minutes ago) askin about the FP-30 internal power supply part number. As usual, I needed to do a bit more research before asking a dumb question, so if the question got thru intact anyway, I apologize for its obvious lack of knowledge and effort reflection on me. I thought I had looked enough, when obviously I had not.

At any rate, I am awaiting my FT-897D, and at the time I didnt persue the internal power supply option. Now I am seriously considering it. But at over $200, I am wondering if anyone can give me their experiences with it, good or bad. I like the idea of having everying in one package. The shack gets cable-itis enough the way it is... But if its weak or they have trouble, I would like to know.

I am reading the hundreds (almost 300) on eham.net for the 897 (initial variant) but have not read much about the internal supply... mostly complaints about battery cost and the like.

Thanks for the help.

Wayne, ke0ms

[Non-text portions of this message have been removed]

28252. Re:radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-09 21:05:24 UTC
From: Ray
Topic: 28226 Message: 28252

Hi all,

I have had this problem a few times now.

My radio will switch off and give a couple of beeps and then come back on as if I had done a full reset.

All programmed channels and settings reset back to factory default.

Luckily I have saved all my setting and memory channels in my laptop and it is just a matter of reloading them back in.

I have the FT Basic MMO program.

I look forward to hearing from anyone who has an answer to this problem.

Ray, VK3ACT

[Non-text portions of this message have been removed]

28253. Re: 24mhz help, needed!!

Yahoo group: FT897 (2009)
Date: 2009-11-10 03:00:03 UTC
From: MarkL
Topic: 28232 Message: 28253

Steve,

The 12 meter band allocation is worldwide. A properly operating FT-897 (of any flavor, D or non-D) should operate from 24.890 to 24.990 MHz without having to wideband it.

That having been said, are you sure you are operating within those bounds? Also, is there the possibility that you may have "SPLIT" enabled that, although you are receiving in the 12 meter band you may be attempting to transmit outside of the normal amateur bands?

Mark (NM7L)

--- In FT897@yahoogroups.com, "steve_o_963" <steve@...> wrote:
>
> Hi I've had my FT-897D a few days working fine on 2m/70cms. I took advantage of the good weather to install my HF antenna, its a bb6w. All is well, signals from USA to Russia were heard over most bands and all in i'm satisfied with the set up for now.
>
> I have a problem with the 24mhz band, namely that I get TX error on any mode within the Uk allocation. Can anyone explain why that might be? I've read the manual but haven't noted this issue mentioned.
>
> For the record 10m and 6 M work and its not that i have a need to use 12m, but i do want to know the rig is in full working order sooner rather tan later.
>
> Your assistance is welcome,
>
> Kind Regards,
>
> Steve
> G7TAO
>

28254. Re:radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-10 12:59:34 UTC
From: bigiantrike
Topic: 28226 Message: 28254

Ive had this happen and I lost all my memories...Now I back them up...lol
I found the problem to be an RF in the shack problem...once sorted with an air balan under the vertical ant it never happened again.

hope this helps

Ian
--- In FT897@yahoogroups.com, "Ray" <vk3actrw@...> wrote:
>
> Hi all,
>
> I have had this problem a few times now.
>
> My radio will switch off and give a couple of beeps and then come back on as
> if I had done a full reset.
>
> All programmed channels and settings reset back to factory default.
>
> Luckily I have saved all my setting and memory channels in my laptop and it
> is just a matter of reloading them back in.
>
> I have the FT Basic MMO program.
>
> I look forward to hearing from anyone who has an answer to this problem.
>
> Ray, VK3ACT
>
>
>
> [Non-text portions of this message have been removed]
>

28255. Re: 897 turning off

Yahoo group: FT897 (2009)
Date: 2009-11-11 21:39:44 UTC
From: Dave Nelson
Topic: 28255 Message: 28255

Hi Ray,
You never stated as to if this happens during TX only RX
only both ??
what bands HF, 6M only .... 2m,70cm only ?? or all of the above ?

HF and particularly 6M has been known to be a problem, with RF being
radiated
within the shack mainly due to antenna or coax installation problems ...
it can
cause all sorts of weird faults

If the radio is more than a few years old and maybe has been moved around a bit
some guys have discovered some of the PCB mounting screws have come loose
and that also can cause weird and wonderful probs.

If it happens in RX, then RF in the shack obv. isnt the cause and it may more
likely be the loose screw prob.

if during TX only, either RF prob or PSU prob. the PSU may be failing
on its
own intermittantly when under hi load. or.... if you are using a
switchmode PSU
there is the occassional one that doesnt like stray RF and can fail
intermittantly.
due to the earlier mentioned prob.... RF in the shack.

check all these things and let us know what / when the prob is happening :)

Dave
VK2TDN

>Ive had this happen and I lost all my memories...Now I back them up...lol
>I found the problem to be an RF in the shack problem...once sorted with an
>air balan under the vertical ant it never happened again.
>hope this helps
>Ian
>--- In FT897@yahoogroups.com, "Ray" <vk3actrw@...> wrote:
> > Hi all,
> > I have had this problem a few times now.
> > My radio will switch off and give a couple of beeps and then come back
> on as
> > if I had done a full reset.
> > All programmed channels and settings reset back to factory default.
> > Luckily I have saved all my setting and memory channels in my laptop and it
> > is just a matter of reloading them back in.
> > I have the FT Basic MMO program.
> > I look forward to hearing from anyone who has an answer to this problem.

> > Ray, VK3ACT

28256. Re: 897 turning off

Yahoo group: FT897 (2009)
Date: 2009-11-12 20:42:00 UTC
From: bram.pe2ek
Topic: 28255 Message: 28256

hello all

tried the most simple solution yet?
i have had this a few times also , it turned out to be a short circuit in the microphone cable

greetings
bram peek PE2EK

--- In FT897@yahoogroups.com, Dave Nelson <dave.nelson@...> wrote:
>
> Hi Ray,
> You never stated as to if this happens during TX only RX
> only both ??
> what bands HF, 6M only .... 2m,70cm only ?? or all of the above ?
>
> HF and particularly 6M has been known to be a problem, with RF being
> radiated
> within the shack mainly due to antenna or coax installation problems ...
> it can
> cause all sorts of weird faults
>
> If the radio is more than a few years old and maybe has been moved around a bit
> some guys have discovered some of the PCB mounting screws have come loose
> and that also can cause weird and wonderful probs.
>
> If it happens in RX, then RF in the shack obv. isnt the cause and it may more
> likely be the loose screw prob.
>
> if during TX only, either RF prob or PSU prob. the PSU may be failing
> on its
> own intermittantly when under hi load. or.... if you are using a
> switchmode PSU
> there is the occassional one that doesnt like stray RF and can fail
> intermittantly.
> due to the earlier mentioned prob.... RF in the shack.
>
> check all these things and let us know what / when the prob is happening :)
>
> Dave
> VK2TDN
>
>
>
>
> >Ive had this happen and I lost all my memories...Now I back them up...lol

> >I found the problem to be an RF in the shack problem...once sorted with an
> >air balan under the vertical ant it never happened again.
> >hope this helps
> >Ian
> >--- In FT897@yahoogroups.com, "Ray" <vk3actrw@> wrote:
> > > Hi all,
> > > I have had this problem a few times now.
> > > My radio will switch off and give a couple of beeps and then come back
> > on as
> > > if I had done a full reset.
> > > All programmed channels and settings reset back to factory default.
> > > Luckily I have saved all my setting and memory channels in my laptop and it
> > > is just a matter of reloading them back in.
> > > I have the FT Basic MMO program.
> > > I look forward to hearing from anyone who has an answer to this problem.
> > > Ray, VK3ACT
>

28257. FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-14 02:41:07 UTC
From: Donald
Topic: 28257 Message: 28257

Has any one experienced problems using the LDG Z-100 autotuner with the FT-897 ?

28258. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-14 04:01:13 UTC
From: Larry D. Barr, K5WLF
Topic: 28257 Message: 28258

No problems at all. Although I've since switched to the AT-897 for
portability reasons.

73,
ldb
K5WLF

Donald wrote:
> Has any one experienced problems using the LDG Z-100 autotuner with the FT-897 ?

28259. afsk level settings? digital gain: dots?

Yahoo group: FT897 (2009)
Date: 2009-11-14 14:42:20 UTC
From: marshallstax
Topic: 28259 Message: 28259

I'm trying to set the 897 for the ALC level - as stated in the manual - of: "seven to eight dots of indication on the ALC meter."

I'm in DIG mode, RTTY-L setting (menu 38)

Dots?? The "S9" meter, the horiz bar, with a bold vertical pip to indicate S9, is not marked in a way that indicates what is meant by "seven to eight dots of indication on the ALC meter" - unless, by "dots" they mean the vertical pips along the length to show signal strength.

The manual says to go to menu item 37 and adjust digital levels for "seven to eight dots of indication on the ALC meter" but you get about the same reading from around the default '50' level to all the way up to '100'

Anyone got any experience with this?

28260. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-14 15:48:53 UTC
From: Curt Givens
Topic: 28257 Message: 28260

Donald wrote:
>
> Has any one experienced problems using the LDG Z-100 autotuner with
> the FT-897 ?
>
>
I have an 897D and have been using the Z100 with it from the git go with
no problems. What troubles are you having?

73, de Curt

--
Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like
registering virgins to stop prostitution."

28261. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-15 00:06:16 UTC
From: Donald Sprude
Topic: 28257 Message: 28261

Z-100 works fine with my other icom and yaesu rigs. For some reason the Z-100 will flat not tune with the 897. Suspect the problem is with the radio and not the tuner. Also just noticed the radio does not want to go above 50w output.

Time to start digging inside with the golden screwdriver.

From: Curt Givens <kc8ste@...>
To: FT897@yahoogroups.com
Sent: Sat, November 14, 2009 10:48:53 AM
Subject: Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Donald wrote:
>
> Has any one experienced problems using the LDG Z-100 autotuner with
> the FT-897 ?
>
>
I have an 897D and have been using the Z100 with it from the git go with
no problems. What troubles are you having?

73, de Curt

--
Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like registering virgins to stop prostitution."

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28262. Re: [FT897] Voltage Drop

Yahoo group: FT897 (2009)
Date: 2009-11-15 00:18:22 UTC
From: Michael Walker
Topic: 28222 Message: 28262

If you do the Ohm's law math, dig out an ohm meter, you might be able to find it by checking both the positive and negative power leads.

Mike VA3MW

Adrian wrote:
>
>
> Hi Rick
>
> I had the same thing with my 897, never really got to the bottom of it,
> Power supply checked out fine, radio worked perfectly but for some
> reason on
> TX the Voltage used to drop quite a lot on the 897 Display in TX, but
> if you
> check supply all is fine, ive seen a number of 897s on youtube videos
> and a
> large amount of them have large fluctuations in Voltage when txing on the
> display also, It really seems to be quite common
>
> Adrian G0KOM
>
> I was just setting here and noticed a 2 volt drop in voltage when
> transmitting power supply is suposed to be 25 amp I dont have my other one
> here to test or is this a common thimg
> Rick
> N8MFN
>
>

[Non-text portions of this message have been removed]

28263. yaesu ft-50r

Yahoo group: FT897 (2009)
Date: 2009-11-15 20:55:16 UTC
From: Mark Kliewer
Topic: 28263 Message: 28263

I have a ft-50r and needs some repair one of the battery posts broke does any one konw who repairs ht's and if so PLEASE let me know thanks
kc7qhc Mark

[Non-text portions of this message have been removed]

28264. Re: afsk level settings? digital gain: dots?

Yahoo group: FT897 (2009)
Date: 2009-11-16 11:17:02 UTC
From: g8ubj
Topic: 28259 Message: 28264

The instructions are a bit confusing. You should only just see the ALC lifting and no more for full output. It may be that the audio from your PC sound card is a little high so you could back that off a touch?
If you have a power meter you can use that as it helps.

Set the TX power to 40 Watts (maximum recommended continuous carrier for RTTY) reduce the audio level to 0 and then increase it until you just reach 40 watts output. That should correspond to the ALC meter just lifting.

That should give you a nice clean output on RTTY - same applies for PSK but you have to use the ALC meter for that as the level changes and a meter will only show the average..

73 G8UBJ

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> I'm trying to set the 897 for the ALC level - as stated in the manual - of: "seven to eight dots of indication on the ALC meter."
>
> I'm in DIG mode, RTTY-L setting (menu 38)
>
> Dots?? The "S9" meter, the horiz bar, with a bold vertical pip to indicate S9, is not marked in a way that indicates what is meant by "seven to eight dots of indication on the ALC meter" - unless, by "dots" they mean the vertical pips along the length to show signal strength.
>
> The manual says to go to menu item 37 and adjust digital levels for "seven to eight dots of indication on the ALC meter" but you get about the same reading from around the default '50' level to all the way up to '100'
>
> Anyone got any experience with this?
>

28265. Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-16 12:56:48 UTC
From: kc9ipv
Topic: 28230 Message: 28265

I leave mine in all the time. If there is power connected to the back of the radio the batteries are not used. The main issue I have is that the batteries self drain so make sure they are fully charged if you are planning to use it in the field. I have since taken the batteries out and now just use a SLA battery and a 26 watt solar panel.

mike

--- In FT897@yahoogroups.com, "crtr_rae" <docazoid@...> wrote:
>
> My question is: Are the batteries (Ni-Mh)left in all the time? If they are, how are the switched for use and not from one to the other during charging ? The manual does not seem to address this question.. Thanks for your time!! Best 73's Carter WA8YVM
>

28266. Mike

Yahoo group: FT897 (2009)
Date: 2009-11-16 13:28:38 UTC
From: docazoid
Topic: 28266 Message: 28266

Thank you so much for your kind response, it is with forums like this the great rigs like this one become even more useful.. Thanks again
Carter WA8YVM

28267. hard mod widebanding

Yahoo group: FT897 (2009)
Date: 2009-11-16 13:33:16 UTC
From: alistair
Topic: 28267 Message: 28267

in thepictures and details for the soldering it says what are populated but mine is diffrent? so i aint got a clue,& my cat wont work as its a pc problem at the min not enough resorces available ...arrrgh ha ha ,i dont understand the dos type one any help as my radio out of the 9 working from rear to front is as follows (1) un pop (2) pop (3,4,5)un pop (6,7,8)populated &(9) un populated,any help despratly needed.... thanks M6ALI ALIstair kennington

28268. Re: [FT897] hard mod widebanding

Yahoo group: FT897 (2009)
Date: 2009-11-16 14:36:27 UTC
From: Trixter aka Bret McDanel
Topic: 28267 Message: 28268

On Mon, 2009-11-16 at 13:33 +0000, alistair wrote:
>
> in thepictures and details for the soldering it says what are
> populated but mine is diffrent? so i aint got a clue,& my cat wont
> work as its a pc problem at the min not enough resorces
> available ...arrrgh ha ha ,i dont understand the dos type one any help
> as my radio out of the 9 working from rear to front is as follows (1)
> un pop (2) pop (3,4,5)un pop (6,7,8)populated &(9) un populated,any
> help despratly needed.... thanks M6ALI ALIstair kennington

The jumpers are in an odd order, follow the markings on the board (silk screening) and either short or open them as required for whatever plan you want. Note that if you have a US radio all bandplans are effectively the same, so you can do MARS/CAP but you will not be able to get as much as you might for something that is sold only in a different market.

After doing the jumper changes you have to do a reset of the radio so that the firmware will recheck their state and repopulate the variables. This should be documented in whatever guide you are following.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28269. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-16 14:39:44 UTC
From: Trixter aka Bret McDanel
Topic: 28230 Message: 28269

On Mon, 2009-11-16 at 12:56 +0000, kc9ipv wrote:
>
> I leave mine in all the time. If there is power connected to the back
> of the radio the batteries are not used. The main issue I have is that
> the batteries self drain so make sure they are fully charged if you
> are planning to use it in the field. I have since taken the batteries
> out and now just use a SLA battery and a 26 watt solar panel.

to add to this, if you turn the radio on when there is no external DC
applied it will use the batteries. You can tell if its using external
DC or if it is using internal batteries by the icon on the display which
looks like a "AA" battery.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28270. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-16 14:55:47 UTC
From: Richard Corfield
Topic: 28230 Message: 28270

Can it fail-over to the battery if the external supply is lost during use?

Thanks
- Richard (M0RJC)

2009/11/16 Trixter aka Bret McDanel <trixter@...>

>
>
> On Mon, 2009-11-16 at 12:56 +0000, kc9ipv wrote:
> >
> > I leave mine in all the time. If there is power connected to the back
> > of the radio the batteries are not used. The main issue I have is that
> > the batteries self drain so make sure they are fully charged if you
> > are planning to use it in the field. I have since taken the batteries
> > out and now just use a SLA battery and a 26 watt solar panel.
>
> to add to this, if you turn the radio on when there is no external DC
> applied it will use the batteries. You can tell if its using external
> DC or if it is using internal batteries by the icon on the display which
> looks like a "AA" battery.
>
> kc2dwq
>

[Non-text portions of this message have been removed]

28271. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-16 17:09:58 UTC
From: Trixter aka Bret McDanel
Topic: 28230 Message: 28271

On Mon, 2009-11-16 at 14:55 +0000, Richard Corfield wrote:
>
> Can it fail-over to the battery if the external supply is lost during
> use?
>

Mine does not fail gracefully, what it does is it goes to "sleep". This means that its not really off, its like turning it off via CAT. The internal batteries run the radio, and reapplying the external DC will wake the radio up. I can press the blue power button and it will come on though. I do not believe there is a setting that will allow it to fail gracefully to the batteries. However as soon as the external DC comes on it will switch to that.

If someone has found a way to make it fail over automagically to the batteries I would love to hear about it, but I personally havent found anything and did not see anything in the manual about this.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28272. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-16 19:34:00 UTC
From: Bitpool
Topic: 28257 Message: 28272

No issues what so ever, just keeps going and going :)

/Michael Jensen(oz8abr)

Donald skrev:
>
>
> Has any one experienced problems using the LDG Z-100 autotuner with
> the FT-897 ?
>
>

[Non-text portions of this message have been removed]

28273. HRD and remote base operation

Yahoo group: FT897 (2009)
Date: 2009-11-13 18:46:51 UTC
From: Ron
Topic: 28273 Message: 28273

I take it that one can remote into the PC running HRD and remote control the rig. I have not used the software yet, but wonder how people who have done this route the audio both ways. Do I need also a soundcard interface (signal-link or similar) or is there some other trick I have not thought of?

Thanks in advance to those that may have got this set up and working for sharing the wealth (of information) involved.

And am I the only one here that though of motorcycles when seeing the HRD name?

28274. S-METER trouble on 2m and 70cm

Yahoo group: FT897 (2009)
Date: 2009-11-15 16:16:57 UTC
From: ventrebleue30
Topic: 28274 Message: 28274

73 to the list , l recently bought a ft 897 in second hand, all seems to be ok unless in 2m and 70cm the s meter is always indicated S4 level no more also with a local strong signal ..if someone know this problem and can help me tks a lot from fabrice in south of france.

28275. Re: [FT897] FT-897 psk

Yahoo group: FT897 (2009)
Date: 2009-11-16 20:00:58 UTC
From: Ron WW5G
Topic: 28257 Message: 28275

Anyone have a PSK 31 interface for the 897 FT- 817 they don't need any more? I think I will put my FT-897 on PSK-31
Direct please to
fbaker@...
Ron

28276. FT897 as remote base

Yahoo group: FT897 (2009)
Date: 2009-11-16 12:56:06 UTC
From: Ron
Topic: 28276 Message: 28276

I posted this last week but I never saw it appear, so if this is a repeat please excuse me, maybe we don't get our own posts. This is my first try at posting. I have learned a lot from reading others' posts.

I would like to be able to use the radio installed at home from various internet connected places. It looks as if a program like HRD can give me that if I 'remote desktop' into the computer hooked up to the radio. The question I have concerns audio in and out. Can one of the sound card interface boxes be used for voice on SSB and/or FM?

If you have this working I'd like to learn from your experience.

Thanks
Ron N4AJT

28277. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-14 16:10:34 UTC
From: Dennis Green
Topic: 28257 Message: 28277

I use the Z100 with my FT987 and FT-817 and I am very satisfied with the operation of the tuner. The only problem I have is tuning up a piece of wet string!

Greetings

Dennis, ZS4BS

[Non-text portions of this message have been removed]

28278. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-16 17:33:05 UTC
From: Sandra Cavallucci
Topic: 28230 Message: 28278

If your Batteries are draining with the power lead plugged on; you have a problem
The batteries will come on if you press the on button even if the plug is in but mains power switched off

--- On Mon, 16/11/09, kc9ipv <mike@kc9ipv.com> wrote:

From: kc9ipv <mike@...>
Subject: [FT897] Re: Internal Battery Use in the unit
To: FT897@yahoogroups.com
Date: Monday, 16 November, 2009, 12:56

I leave mine in all the time. If there is power connected to the back of the radio the batteries are not used. The main issue I have is that the batteries self drain so make sure they are fully charged if you are planning to use it in the field. I have since taken the batteries out and now just use a SLA battery and a 26 watt solar panel.

mike

--- In FT897@yahoogroups. com, "crtr_rae" <docazoid@.. .> wrote:
>
> My question is: Are the batteries (Ni-Mh)left in all the time? If they are, how are the switched for use and not from one to the other during charging ? The manual does not seem to address this question.. Thanks for your time!! Best 73's Carter WA8YVM
>

[Non-text portions of this message have been removed]

28279. ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-16 20:25:30 UTC
From: gbongi1
Topic: 28279 Message: 28279

Hi folks ki5lui here.

My current set up is:
ft 897.
Munu set to psk-U
Vox off

hamstick antenna.
Signalink USB

Radio

I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)

I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.

I can receive fine. When I transmit though no power is going out.
The ptt comes on but it seems that no sound is getting transmitted at all.
I can hear the transmission through the Signalink "monitor"

I have double and triple checked the jumpers. Also the rj-45 connection.

I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.

Is there anyone set up the way I am?

the next step i was going to do was to order a 6 pin din from tigertronics.

Thanks a lot for any help.
73
Ki4lui

28280. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-16 21:14:37 UTC
From: George
Topic: 28279 Message: 28280

I also wanted to add that I use the LDG auto tuner for my 897.

George

On Nov 16, 2009, at 3:25 PM, gbongi1 wrote:

> Hi folks ki5lui here.
>
> My current set up is:
> ft 897.
> Munu set to psk-U
> Vox off
>
> hamstick antenna.
> Signalink USB
>
> Radio
>
> I use rj45 to connect form signalink to the rj-45 connected directly
> to the mic jack (not data jack)
>
>
> I have tried digipan on Windows XP and fldigi on Linux (debian) with
> the same exact result.
>
> I can receive fine. When I transmit though no power is going out.
> The ptt comes on but it seems that no sound is getting transmitted
> at all.
> I can hear the transmission through the Signalink "monitor"
>
> I have double and triple checked the jumpers. Also the rj-45
> connection.
>
> I called tigertronics and they say everything seems to be hooked up
> right and that it must be the mic connection or the radio is not
> configured correctly.
>
> Is there anyone set up the way I am?
>
> the next step i was going to do was to order a 6 pin din from
> tigertronics.
>
> Thanks a lot for any help.
> 73
> Ki4lui
>

>
>

[Non-text portions of this message have been removed]

28281. Re: [FT897] FT-897 & LDG Z-100 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-16 21:31:13 UTC
From: Charles Scott
Topic: 28257 Message: 28281

Guys:

Just curious about something. If you have an LDG Z-100 autotuner would you mind unplugging both the power and radio interface connections from the back of the tuner and compare the recieve noise level to what you have with those cables plugged in. Extra points for trying this on several bands. You have to unplug the cables from the tuner rather than the radio for this to be valid.

Chuck

Bitpool wrote:
> No issues what so ever, just keeps going and going :)
>
> /Michael Jensen(oz8abr)
>
> Donald skrev:
>
>>
>>
>> Has any one experienced problems using the LDG Z-100 autotuner with
>> the FT-897 ?
>>
>>
>>
>>

28282. Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-16 22:03:24 UTC
From: MichaelE
Topic: 28279 Message: 28282

I have an 897 with a SignaLinkUSB. However, I connect from the Signalink rj45 to the 6 pin data jack in the back and use digital for the mode. Works perfect. I think this is the way tigertronics tells you to set it up (I called them direct to order the unit and that was the cabling method they recommended to me.) I am not certain, but I do not believe the SignaLink has the necessary circuitry to perform the keying function via the RJ45 mic jack.

Mike, AE8U

--- In FT897@yahoogroups.com, "gbongi1" <gbongi1@...> wrote:
>
> Hi folks ki5lui here.
>
> My current set up is:
> ft 897.
> Munu set to psk-U
> Vox off
>
> hamstick antenna.
> Signalink USB
>
> Radio
>
> I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)
>
>
> I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.
>
> I can receive fine. When I transmit though no power is going out.
> The ptt comes on but it seems that no sound is getting transmitted at all.
> I can hear the transmission through the Signalink "monitor"
>
> I have double and triple checked the jumpers. Also the rj-45 connection.
>
> I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.
>
> Is there anyone set up the way I am?
>
> the next step i was going to do was to order a 6 pin din from tigertronics.
>
> Thanks a lot for any help.
> 73
> Ki4lui

>

28283. Re: hard mod widebanding

Yahoo group: FT897 (2009)
Date: 2009-11-16 22:17:50 UTC
From: MichaelE
Topic: 28267 Message: 28283

Here is what I know about jumpering the FT-897D to wideband the rig. There are for sure at least two different jumper schemes on the internet if you search for them. There are at least three differnet versions of FT-897D. My rig does not match either of the two published. (If your rig existing jumpers do not match what is in the mod exactly, don't change anything. I made the mod and had to undo it becasue my rig was cut to a choice of 5 or 10 watts of power after modifying). I called Yaesu and talked to their tech folks. Unless you can prove you are authorized to transmit on the wideband frequencies they wil not give out the mod information. I am a licensed MARS operator and am authorized to operate on the frequencies but they will not provide the mod info until I send them my license. And then they mail it to the requestor and that person is not allowed to give it out to anyone else due to FCC restrictions. All this is per Yaesu.

Mike, AE8U

--- In FT897@yahoogroups.com, "alistair" <a.kennington1@...> wrote:
>
> in thepictures and details for the soldering it says what are populated but mine is diffrent? so i aint got a clue,& my cat wont work as its a pc problem at the min not enough resorces available ...arrrgh ha ha ,i dont understand the dos type one any help as my radio out of the 9 working from rear to front is as follows (1) un pop (2) pop (3,4,5)un pop (6,7,8)populated &(9) un populated,any help despratly needed.... thanks M6ALI ALIstair kennington
>

28284. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-16 22:22:06 UTC
From: P Grant
Topic: 28279 Message: 28284

KI4LUI de EI4HX

Just to check,,, on transmit set your meter to monitor ALC voltage.

Check menu 1,,/ 16 / 18 / 19 / 20 / 21 / 36 / 37 / 38 / 39 / "40" /48 /
59? / 61 / 71 / 72 / 75 / 86 / 87 ,,, do a full menu check of all your settings for the mode you intend to use. Rtt, PSK,wsjt,,,
Manual is quite vague on menu 48,,, if you are using the mike socket,,, needs a bit of study... trial and error will prevail... RJ45 mike socket on board is I think Japan,,, not all RJ45 broadband plugs are a good fit.
PS also check the audio output level from your sound card !
Good luck,,, I do not use digipan,,,

Peter EI4HX
----- Original Message -----
From: gbongi1
To: FT897@yahoogroups.com
Sent: Monday, November 16, 2009 8:25 PM
Subject: [FT897] ft-897 signalink users that use rj45 for transmitting

Hi folks ki5lui here.

My current set up is:
ft 897.
Munu set to psk-U
Vox off

hamstick antenna.
Signalink USB

Radio

I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)

I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.

I can receive fine. When I transmit though no power is going out.
The ptt comes on but it seems that no sound is getting transmitted at all.
I can hear the transmission through the Signalink "monitor"

I have double and triple checked the jumpers. Also the rj-45 connection.

I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.

Is there anyone set up the way I am?

the next step i was going to do was to order a 6 pin din from tigertronics.

Thanks a lot for any help.
73
Ki4lui

[Non-text portions of this message have been removed]

28285. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-17 03:52:24 UTC
From: Nelson Stewart P
Topic: 28230 Message: 28285

How much output power do you have with your
battery?

[Non-text portions of this message have been removed]

28286. Re: [FT897] Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-17 03:58:46 UTC
From: eric@van-de-weyer.org
Topic: 28230 Message: 28286

Hi Nelson,

The radio will only put out 20W when it is running on the internal battery.
It's designed that way. You must use the power supply or external 13.8v to
get full 100W power.

BTW, please sign your messages with name and callsign.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com, FT897@yahoogroups.com
>From: Nelson Stewart P <morriltonmayor@...>
>Date: Mon, 16 Nov 2009 19:52:24 -0800 (PST)
>Subject: Re: [FT897] Re: Internal Battery Use in the unit
>Reply-To: FT897@yahoogroups.com
>
>
>How much output power do you have with your
>battery?
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

28287. re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-17 09:33:39 UTC
From: Scot Jones
Topic: 28279 Message: 28287

I might be wrong but if you have the mode to to DIG doesnt it require audio to be passed via the data socket and not the mic?

Scot Jones
M1AFY

From: "gbongi1" <gbongi1@...>
Sent: 16 November 2009 21:11
To: FT897@yahoogroups.com
Subject: [FT897] ft-897 signalink users that use rj45 for transmitting

Hi folks ki5lui here.

My current set up is:
ft 897.
Munu set to psk-U
Vox off

hamstick antenna.
Signalink USB

[Non-text portions of this message have been removed]

28288. Re: FT897 repair: success

Yahoo group: FT897 (2009)
Date: 2009-11-17 12:35:30 UTC
From: Geert Jan de Groot
Topic: 28288 Message: 28288

[Sent this on the 15th but it never showed up on the archives,
so I'm re-sending]

> Some time ago I asked about how to replace the driver MOSFETs
> on the main board (top) as mine were blown by a previous owner.

I said I'd report back when I had more info.
In short: the radio works now!

Here are some lessons learned:
- This is a lot 12 radio with 2SK2975 FETs, which are *not interchangable*
with the newer RD07MVS1. With the newer FETs, gain of the driver stage
on 70cm was abmysmal (on lower bands it was OK, on 2m fair),
with the 2SK's it was easy to get the ~8W drive on the
"red" cable between the top and bottom board
- Replacing the 2SK2975's was very difficult. It is hard to create enough
heat to wet the solder on the copper pads below the source of the FETs.
I ended up making a "mechanically flat" connection
without actually soldering the FETs to the cool block and while cooling
is not as good as it was before, the FETs don't run very hot
so I'm chancing this for now.
- Another problem was that receiver sensitivity was ~10 dB down on
most bands, up to ~20dB om 2m. After a lot of head scratching I found
that the band switch diode D3013 (both halves) had shorted,
biasing the whole switch fabric of D3011, D3012, D3014, D3050,
D3053, and D3100.
One of the syptoms was that sensitivity would be significantly better
when the voltage was decreased to 9V, because less faulty bias current
would be available (check schematics).
I replaced the diode and sensitivity was fine.
BTW, repairs was a little complex because the switch circuitry had
lot-69+ mods done on them (from the factory), which were blocking access
to some of the components I wanted to measure on.
- Finally, the rig would signal "SWR high" on VHF/UHF even though the
SWR meter in the rig would hardly show any signal.
After convincing myself that there was no faulty circuitry, I decided
to re-align the SWR bridge (trimmers) as wel as software adjustment
(service mode). While the trimmers were OK, the software settings
were way off and I suspect someone tried to "repair" things
(or create more output) by fiddling with these settings.
This isn't the first time and frankly, I sometimes wish that these
settings are less easily accessible because of the "golden screwdriver"
effect.

All in all, it was an interesting experience, I learned a lot.
While it may not be feasible economically (price of the rig was

~5dB down compared to regular second hand price, and EUR 50,- in parts),
I'm happy I did this just for the experience.

I'd like to thank YAESU for making manuals and parts easily available
to tinkerers like me.

73,

Geert Jan PE1HZG

28289. Re: S-METER trouble on 2m and 70cm

Yahoo group: FT897 (2009)
Date: 2009-11-17 12:48:14 UTC
From: Geert Jan de Groot
Topic: 28274 Message: 28289

> 73 to the list , l recently bought a ft 897 in second hand,
> all seems to be ok unless in 2m and 70cm the s meter is always
> indicated S4 level no more also with a local strong signal ..

Can you please be more specific:
1. Is this problem perhaps only with FM vs SSB?
What does the radio do when you do FM on 3.600 MHz?
2. What is the readout when there is no signal, on HF, 2m, 70cm?
3. What is the readout with a strong signal on HF, 2m, 70cm?
4. Have you verified receiver sensitivity and is it on spec on all
the bands (check all HF bands, 6m, 2m, 70cm)
5. When you remove the green cable and directly inject the antenna signal
on the main board (on top), is sensitivity on spec?
(by injecting here you circumvent a lot of switching/filtering
circuitry on the PA board on the bottom)
6. What's the setting of menu#80 (SQ/RF gain)

Geert Jan

28290. FT897D PTT

Yahoo group: FT897 (2009)
Date: 2009-11-17 18:33:46 UTC
From: roadtoscituate
Topic: 28290 Message: 28290

The FT897D does not have a separate PTT jack. Has anyone used DATA jack pin 3 and GND to pull an external circuit to low? The external relay circuit draws roughly 80ma. Suggestions appreciated.
Thanks, Ron n6paa

28291. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-17 20:48:19 UTC
From: George
Topic: 28279 Message: 28291

Not in DIG mde it is in "PSK-U"
I am going to review my menu settings one more time tonight with
results.

George
On Nov 17, 2009, at 4:33 AM, Scot Jones wrote:

>
> I might be wrong but if you have the mode to to DIG doesnt it
> require audio
> to be passed via the data socket and not the mic?
>
> Scot Jones
> M1AFY
>
> ----------
>
> From: "gbongi1" <gbongi1@...>
> Sent: 16 November 2009 21:11
> To: FT897@yahoogroups.com
> Subject: [FT897] ft-897 signalink users that use rj45 for transmitting
>
> Hi folks ki5lui here.
>
> My current set up is:
> ft 897.
> Munu set to psk-U
> Vox off
>
> hamstick antenna.
> Signalink USB
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28292. FT-897 frequency rejection

Yahoo group: FT897 (2009)
Date: 2009-11-17 22:03:28 UTC
From: wayner_santos
Topic: 28292 Message: 28292

I have a FT-897 and I think that him this out of the frequency. A little above six kilocycles How to do to get right the bit zero of FT - 897. When they are transmitting in 7.055.00 I have to adjust the reception for 7.055.06, to listen to the friends well. Thankful to all

28293. Re: [FT897] FT-897 frequency rejection

Yahoo group: FT897 (2009)
Date: 2009-11-17 22:30:47 UTC
From: Geoff Blake
Topic: 28292 Message: 28293

On Tue, 17 Nov 2009, wayner_santos wrote:

> I have a FT-897 and I think that him this out of the frequency. A little
> above six kilocycles How to do to get right the bit zero of FT - 897.
> When they are transmitting in 7.055.00 I have to adjust the reception
> for 7.055.06, to listen to the friends well. Thankful to all

The error you describe is not 6kHz, but around 60Hz. I would think that
this will be within the spec of the FT-897. To seriously improve on this,
I would recommend checking the frequency at 70cm and carrying out
frequency alignment as per the service manual.

You will need seriously accurate test equipment to do this, certified
traceable to national or international standards. I use a GPSDO standard
for this sort of work.

Of course, at that level of error, you might be right and your friends be
wrong. The most likely is that you are all off frequency.

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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and the sender by return and permanently delete the message.

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of the sender.

28294. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 00:27:48 UTC
From: gbongi1@comcast.net
Topic: 28279 Message: 28294

EI4HX
thanks for the response.
This is how I am configured right now.
I will look further into menu 48 and the other menus to see what I might have wrong.

menu 1 = ext on
menu 16 = Car LSB T is 0Hz
menu 18 = Car usb T is 0 Hz
menu 19 = Cat Rate 38400 (Rig control works fine)
Menu 20 = CAT
menu 21 = CLAR
menu 36 = Dig Disp 0Hz
Menu 37 = Dig gain 25
Menu 38 = User-U (also have tried PSK-U)
menu 39 = Dig shift 0Hz
menu 40 = Dig Vox 0
Menu 48 = Disp Mic EQ OFF
menu 59 = Mic Sel CAT
menu 61 = PWR
menu 71 = pkt 1200 50
menu 72 = pkt 9600 51
menu 75 = RF power set 10
menu 86 = CFIL
menu 87 = Vox delay 500ms

Thanks anyone for any help in advanced
73
ki4lui
----- Original Message -----
From: "P Grant" <ei4hxperimental@...>
To: FT897@yahoogroups.com
Sent: Monday, November 16, 2009 5:22:06 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting

KI4LUI de EI4HX

Just to check,,, on transmit set your meter to monitor ALC voltage.

Check menu 1,,/ 16 / 18 / 19 / 20 / 21 / 36 / 37 / 38 / 39 / "40" /48 /
59? / 61 / 71 / 72 / 75 / 86 / 87 ,,, do a full menu check of all your settings for the mode you intend to use. Rtt, PSK,wsjt,,,
Manual is quite vague on menu 48,,, if you are using the mike socket,,, needs a bit of study... trial and error will prevail... RJ45 mike socket on board is I think Japan,,, not all RJ45 broadband plugs are a good fit.
PS also check the audio output level from your sound card !
Good luck,,, I do not use digipan,,,

Peter EI4HX
----- Original Message -----
From: gbongi1
To: FT897@yahoogroups.com
Sent: Monday, November 16, 2009 8:25 PM
Subject: [FT897] ft-897 signalink users that use rj45 for transmitting

Hi folks ki5lui here.

My current set up is:
ft 897.
Munu set to psk-U
Vox off

hamstick antenna.
Signalink USB

Radio

I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)

I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.

I can receive fine. When I transmit though no power is going out.
The ptt comes on but it seems that no sound is getting transmitted at all.
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I have double and triple checked the jumpers. Also the rj-45 connection.

I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.

Is there anyone set up the way I am?

the next step i was going to do was to order a 6 pin din from tigertronics.

Thanks a lot for any help.
73
Ki4lui

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28295. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 01:23:51 UTC
From: Lew Phelps K6LMP
Topic: 28279 Message: 28295

I have the same basic setup that you do -- FT-897D, Signalink USB, and connected from the rj45 mike port on the rig to the RJ45 "radio" port on the Signalink. You also have to run a monaural (2 conductor) audio cable from the speaker jack or headphone jack on the radio to the "speaker" jack on the Signalink, since the mike jack does not provide receive audio through the RJ45 port.

Signalink instructions say to set the rig to SSB (USB, even on 40 meters, in most cases) rather than digital mode. Have you tried that?

Is your transmitter red light coming on when the software sends out a signal? If not, then it looks like a problem in the PTT connections. I would suggest that you recheck the jumper settings inside the Signalink. Per the Signalink user instructions, you should have the following jumpers set:

Pin-out
Pin 1 ? N/C
Pin 2 ? N/C
Pin 3 ? N/C
Pin 4 ? Mic GND
Pin 5 ? Mic
Pin 6 ? PTT
Pin 7 ? GND
Pin 8 ? N/C

Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..

With this setup, all you should have to do is adjust the transmit modulation level either through the Signalink transmit volume knob or the FT897 SSB Mike Gain control, or both. The ideal, according to Yaesu documentation, is for the ALC meter to register about 7 or 8 dots, which is just shy of the longer bar that sits at the "10th dot" position on the ALC meter.

With this configuration, the Signalink does not use VOX for control of transmit, so VOX menu settings are irrelevant.

You do want to make sure that your software is configured to use PTT and not VOX to key transmit.

good luck,

Lew K6LMP

On Nov 16, 2009, at 12:25 PM, gbongi1 wrote:

> Hi folks ki5lui here.
>
> My current set up is:

> ft 897.
> Munu set to psk-U
> Vox off
>
> hamstick antenna.
> Signalink USB
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> Radio
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> I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)
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> I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.
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> Thanks a lot for any help.
> 73
> Ki4lui
>
>

[Non-text portions of this message have been removed]

28296. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 02:48:31 UTC
From: gbongi1@comcast.net
Topic: 28279 Message: 28296

Yes the red light is illuminating.

I have re-examined the jumpers three times and twice with my elmer and once with tech support.

I double checked the speaker to speaker connection and noticed that mine is something I spliced together and am going to take a closer look at.

I have been using USB for Digi

It is doing everything like it should be transmitting. However, no power or modulation.

I will double check that speaker cable though.

Thanks for the input.

73
ki4lui

----- Original Message -----
From: "Lew Phelps K6LMP" <k6lmp@...>
To: FT897@yahoogroups.com
Sent: Tuesday, November 17, 2009 8:23:51 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting

I have the same basic setup that you do -- FT-897D, Signalink USB, and connected from the rj45 mike port on the rig to the RJ45 "radio" port on the Signalink. You also have to run a monaural (2 conductor) audio cable from the speaker jack or headphone jack on the radio to the "speaker" jack on the Signalink, since the mike jack does not provide receive audio through the RJ45 port.

Signalink instructions say to set the rig to SSB (USB, even on 40 meters, in most cases) rather than digital mode. Have you tried that?

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Pin 7 ? GND
Pin 8 ? N/C

Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..

With this setup, all you should have to do is adjust the transmit modulation level either through the Signalink transmit volume knob or the FT897 SSB Mike Gain control, or both. The ideal, according to Yaesu documentation, is for the ALC meter to register about 7 or 8 dots, which is just shy of the longer bar that sits at the "10th dot" position on the ALC meter.

With this configuration, the Signalink does not use VOX for control of transmit, so VOX menu settings are irrelevant.

You do want to make sure that your software is configured to use PTT and not VOX to key transmit.

good luck,

Lew K6LMP

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> Ki4lui
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>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28297. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 02:58:27 UTC
From: Lew Phelps K6LMP
Topic: 28279 Message: 28297

OK, one more thing to look at:

I'm a Mac OS X user, so I can't tell you exactly what to look for in Windows settings, but I can tell you the Mac equivalent.

On the Mac, you can set various ports or devices as both sound input and output using the System Preferences:Sound panel.. On the Mac, the default input and output are the internal speakers and built-in mike in my laptop. To make the digital software work, I have to go into both the system preferences settings and the digital software settings and tell both of them to use the Signalink as the input and output sound sources. If I don't do that, nothing works.

I think you would select this in the Control Panel in Windows, but somebody who has more experience with Windows can tell you a lot more than I can about that aspect of the setup.

I do know that it took some head scratching for me to get it all worked out with OS X, and in general it's easier to set up than Windows.

Lew K6LMP

On Nov 17, 2009, at 6:48 PM, gbongi1@... wrote:

> Yes the red light is illuminating.
>
> I have re-examined the jumpers three times and twice with my elmer and once with tech support.
>
> I double checked the speaker to speaker connection and noticed that mine is something I spliced together and am going to take a closer look at.
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> It is doing everything like it should be transmitting. However, no power or modulation.
>
> I will double check that speaker cable though.
>
> Thanks for the input.
>
> 73
> ki4lui
>
> ----- Original Message -----
> From: "Lew Phelps K6LMP" <k6lmp@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, November 17, 2009 8:23:51 PM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting
>

> I have the same basic setup that you do -- FT-897D, Signalink USB, and connected from the rj45 mike port on the rig to the RJ45 "radio" port on the Signalink. You also have to run a monaural (2 conductor) audio cable from the speaker jack or headphone jack on the radio to the "speaker" jack on the Signalink, since the mike jack does not provide receive audio through the RJ45 port.
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> Signalink instructions say to set the rig to SSB (USB, even on 40 meters, in most cases) rather than digital mode. Have you tried that?
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> Pin 7 ? GND
> Pin 8 ? N/C
>
> Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..
>
> With this setup, all you should have to do is adjust the transmit modulation level either through the Signalink transmit volume knob or the FT897 SSB Mike Gain control, or both. The ideal, according to Yaesu documentation, is for the ALC meter to register about 7 or 8 dots, which is just shy of the longer bar that sits at the "10th dot" position on the ALC meter.
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> With this configuration, the Signalink does not use VOX for control of transmit, so VOX menu settings are irrelevant.
>
> You do want to make sure that your software is configured to use PTT and not VOX to key transmit.
>
> good luck,
>
> Lew K6LMP
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> On Nov 16, 2009, at 12:25 PM, gbongi1 wrote:
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> > My current set up is:
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> >
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

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28298. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 03:04:50 UTC
From: gbongi1@comcast.net
Topic: 28279 Message: 28298

I am actually currently hooked in Debian Linux and have it set to USB audio (signalink)

I will see where I can get with MAC osx but I feel I will get to the same point.

Thanks for the info.

George
----- Original Message -----
From: "Lew Phelps K6LMP" <k6lmp@...>
To: FT897@...m
Sent: Tuesday, November 17, 2009 9:58:27 PM GMT -05:00 US/Canada Eastern
Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting

OK, one more thing to look at:

I'm a Mac OS X user, so I can't tell you exactly what to look for in Windows settings, but I can tell you the Mac equivalent.

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I think you would select this in the Control Panel in Windows, but somebody who has more experience with Windows can tell you a lot more than I can about that aspect of the setup.

I do know that it took some head scratching for me to get it all worked out with OS X, and in general it's easier to set up than Windows.

Lew K6LMP

On Nov 17, 2009, at 6:48 PM, gbongi1@... wrote:

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> I have re-examined the jumpers three times and twice with my elmer and once with tech support.
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>
> I will double check that speaker cable though.

>
> Thanks for the input.
>
> 73
> ki4lui
>
> ----- Original Message -----
> From: "Lew Phelps K6LMP" < k6lmp@... >
> To: FT897@yahoogroups.com
> Sent: Tuesday, November 17, 2009 8:23:51 PM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting
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> Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..
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> With this setup, all you should have to do is adjust the transmit modulation level either through the Signalink transmit volume knob or the FT897 SSB Mike Gain control, or both. The ideal, according to Yaesu documentation, is for the ALC meter to register about 7 or 8 dots, which is just shy of the longer bar that sits at the "10th dot" position on the ALC meter.
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> You do want to make sure that your software is configured to use PTT and not VOX to key transmit.

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> good luck,
>
> Lew K6LMP
>
> On Nov 16, 2009, at 12:25 PM, gbongi1 wrote:
>
> > Hi folks ki5lui here.
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> > My current set up is:
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> > Vox off
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> >
> > Thanks a lot for any help.
> > 73
> > Ki4lui
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links

>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28299. Software for Digital Voice Keying

Yahoo group: FT897 (2009)
Date: 2009-11-18 03:10:38 UTC
From: Jeremy Dunman
Topic: 28299 Message: 28299

As I get ready for this weekend's contest I am wondering if anyone can recommend any software that works with the FT897 for us as a Digital Voice Keyer. The KD4UDY software worked like a champ but unfortunately I can't register it any more as KD4UDY is now SK. This is the only software I have found so far that will work.

I am running a NOMIC connector to the radio's digital port and don't want to have to foot the bill for anything else if it is at all possible. Thank you and I appreciate your assistance on this one.

Jeremy

KD4LCR

[Non-text portions of this message have been removed]

28300. RE: [FT897] Software for Digital Voice Keying

Yahoo group: FT897 (2009)
Date: 2009-11-18 05:49:17 UTC
From: Dave AA6YQ
Topic: 28299 Message: 28300

WinWarbler includes a digital voice keyer. Its free, and available via

www.dxlabsuite.com

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Jeremy Dunman
Sent: Tuesday, November 17, 2009 10:11 PM
To: FT897@yahoogroups.com
Subject: [FT897] Software for Digital Voice Keying

As I get ready for this weekend's contest I am wondering if anyone can recommend any software that works with the FT897 for us as a Digital Voice Keyer. The KD4UDY software worked like a champ but unfortunately I can't register it any more as KD4UDY is now SK. This is the only software I have found so far that will work.

I am running a NOMIC connector to the radio's digital port and don't want to have to foot the bill for anything else if it is at all possible. Thank you and I appreciate your assistance on this one.

Jeremy

KD4LCR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28301. Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 13:21:29 UTC
From: Jeff
Topic: 28279 Message: 28301

Try changing the setting menu 59 = Mic Sel CAT to normal. I don't think you set the mike setting for CAT for this application, only for rig control through the mike cable. Hope this helps.

Jeff
K4LMP

--- In FT897@yahoogroups.com, gbongi1@... wrote:
>
>
> EI4HX
> thanks for the response.
> This is how I am configured right now.
> I will look further into menu 48 and the other menus to see what I might have wrong.
>
>
>
> menu 1 = ext on
> menu 16 = Car LSB T is 0Hz
> menu 18 = Car usb T is 0 Hz
> menu 19 = Cat Rate 38400 (Rig control works fine)
> Menu 20 = CAT
> menu 21 = CLAR
> menu 36 = Dig Disp 0Hz
> Menu 37 = Dig gain 25
> Menu 38 = User-U (also have tried PSK-U)
> menu 39 = Dig shift 0Hz
> menu 40 = Dig Vox 0
> Menu 48 = Disp Mic EQ OFF
> menu 59 = Mic Sel CAT
> menu 61 = PWR
> menu 71 = pkt 1200 50
> menu 72 = pkt 9600 51
> menu 75 = RF power set 10
> menu 86 = CFIL
> menu 87 = Vox delay 500ms
>
>
>
> Thanks anyone for any help in advanced
> 73
> ki4lui
> ----- Original Message -----
> From: "P Grant" <ei4hxperimental@...>
> To: FT897@yahoogroups.com

> Sent: Monday, November 16, 2009 5:22:06 PM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting
>
> KI4LUI de EI4HX
>
> Just to check,,, on transmit set your meter to monitor ALC voltage.
>
> Check menu 1,,/ 16 / 18 / 19 / 20 / 21 / 36 / 37 / 38 / 39 / "40" /48 /
> 59? / 61 / 71 / 72 / 75 / 86 / 87 ,,, do a full menu check of all your settings for the mode you intend to use. Rtt, PSK,wsjt,,,
> Manual is quite vague on menu 48,,, if you are using the mike socket,,, needs a bit of study... trial and error will prevail... RJ45 mike socket on board is I think Japan,,, not all RJ45 broadband plugs are a good fit.
> PS also check the audio output level from your sound card !
> Good luck,,, I do not use digipan,,,
>
> Peter EI4HX
> ----- Original Message -----
> From: gbongi1
> To: FT897@yahoogroups.com
> Sent: Monday, November 16, 2009 8:25 PM
> Subject: [FT897] ft-897 signalink users that use rj45 for transmitting
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>
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> Hi folks ki5lui here.
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> I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

28302. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 13:34:03 UTC
From: Richard Corfield
Topic: 28279 Message: 28302

I use the data socket which works well, and should also work for that person asking about voice. The only think I've noted with it is that you have to have the "CW Auto" menu setting off.

Do you have to use the resistor capacitor combination when using the mic socket, or does it have a separate PTT line?

- Richard (M0RJC)

2009/11/16 gbongi1 <gbongi1@...>

>
>
> Hi folks ki5lui here.
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> 73
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>

[Non-text portions of this message have been removed]

28303. Re: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 13:36:02 UTC
From: Lew Phelps K6LMP
Topic: 28279 Message: 28303

That is correct, you don't need CAT, but it should't make any difference. putting the mike jack in CAT MODE changes pin 1 and pin 2 from UP and DOWN to DATA IN and DATA OUT. otherwise the pin functions are unchanged. MIC, MIC GND, and PTT are the same either way, and those would be the relevant pins.

Lew K6LMP (we must be cousins!)

On Nov 18, 2009, at 5:21 AM, Jeff wrote:

>
> Try changing the setting menu 59 = Mic Sel CAT to normal. I don't think you set the mike setting for CAT for this application, only for rig control through the mike cable. Hope this helps.
>
> Jeff
> K4LMP
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> --- In FT897@yahoogroups.com, gbongi1@... wrote:
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> > thanks for the response.
> > This is how I am configured right now.
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> > Menu 37 = Dig gain 25
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> > menu 39 = Dig shift 0Hz
> > menu 40 = Dig Vox 0
> > Menu 48 = Disp Mic EQ OFF
> > menu 59 = Mic Sel CAT
> > menu 61 = PWR
> > menu 71 = pkt 1200 50
> > menu 72 = pkt 9600 51
> > menu 75 = RF power set 10
> > menu 86 = CFIL
> > menu 87 = Vox delay 500ms

> >
> >
> >
> > Thanks anyone for any help in advanced
> > 73
> > ki4lui
> > ----- Original Message -----
> > From: "P Grant" <ei4hxperimental@...>
> > To: FT897@yahoogroups.com
> > Sent: Monday, November 16, 2009 5:22:06 PM GMT -05:00 US/Canada Eastern
> > Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting
> >
> > KI4LUI de EI4HX
> >
> > Just to check,,, on transmit set your meter to monitor ALC voltage.
> >
> > Check menu 1,,/ 16 / 18 / 19 / 20 / 21 / 36 / 37 / 38 / 39 / "40" /48 /
> > 59? / 61 / 71 / 72 / 75 / 86 / 87 ,,, do a full menu check of all your settings for the mode you intend to use. Rtt, PSK,wsjt,,,
> > Manual is quite vague on menu 48,,, if you are using the mike socket,,, needs a bit of study... trial and error will prevail... RJ45 mike socket on board is I think Japan,,, not all RJ45 broadband plugs are a good fit.
> > PS also check the audio output level from your sound card !
> > Good luck,,, I do not use digipan,,,
> >
> > Peter EI4HX
> > ----- Original Message -----
> > From: gbongi1
> > To: FT897@yahoogroups.com
> > Sent: Monday, November 16, 2009 8:25 PM
> > Subject: [FT897] ft-897 signalink users that use rj45 for transmitting
> >
> >
> >
> > Hi folks ki5lui here.
> >
> > My current set up is:
> > ft 897.
> > Munu set to psk-U
> > Vox off
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> > Signalink USB
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> > I use rj45 to connect form signalink to the rj-45 connected directly to the mic jack (not data jack)
> >
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> > I have tried digipan on Windows XP and fldigi on Linux (debian) with the same exact result.
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> > I can receive fine. When I transmit though no power is going out.
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> > I can hear the transmission through the Signalink "monitor"
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> > I have double and triple checked the jumpers. Also the rj-45 connection.
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> > I called tigertronics and they say everything seems to be hooked up right and that it must be the mic connection or the radio is not configured correctly.
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> > [Non-text portions of this message have been removed]
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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> > [Non-text portions of this message have been removed]
> >
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>

[Non-text portions of this message have been removed]

28304. Re: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 16:18:14 UTC
From: George
Topic: 28279 Message: 28304

I will try it when I get home and see what the results are.
ki4lui
On Nov 18, 2009, at 8:21 AM, Jeff wrote:

>
> Try changing the setting menu 59 = Mic Sel CAT to normal. I don't
> think you set the mike setting for CAT for this application, only
> for rig control through the mike cable. Hope this helps.
>
> Jeff
> K4LMP
>
> --- In FT897@yahoogroups.com, gbongi1@... wrote:
> >
> >
> > EI4HX
> > thanks for the response.
> > This is how I am configured right now.
> > I will look further into menu 48 and the other menus to see what I
> might have wrong.
> >
> >
> >
> > menu 1 = ext on
> > menu 16 = Car LSB T is 0Hz
> > menu 18 = Car usb T is 0 Hz
> > menu 19 = Cat Rate 38400 (Rig control works fine)
> > Menu 20 = CAT
> > menu 21 = CLAR
> > menu 36 = Dig Disp 0Hz
> > Menu 37 = Dig gain 25
> > Menu 38 = User-U (also have tried PSK-U)
> > menu 39 = Dig shift 0Hz
> > menu 40 = Dig Vox 0
> > Menu 48 = Disp Mic EQ OFF
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> > menu 61 = PWR
> > menu 71 = pkt 1200 50
> > menu 72 = pkt 9600 51
> > menu 75 = RF power set 10
> > menu 86 = CFIL
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> > Thanks anyone for any help in advanced
> > 73
> > ki4lui
> > ----- Original Message -----
> > From: "P Grant" <ei4hxperimental@...>
> > To: FT897@yahoogroups.com
> > Sent: Monday, November 16, 2009 5:22:06 PM GMT -05:00 US/Canada
> Eastern
> > Subject: Re: [FT897] ft-897 signalink users that use rj45 for
> transmitting
> >
> > KI4LUI de EI4HX
> >
> > Just to check,,, on transmit set your meter to monitor ALC voltage.
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> > Check menu 1,,/ 16 / 18 / 19 / 20 / 21 / 36 / 37 / 38 / 39 / "40" /
> 48 /
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> your settings for the mode you intend to use. Rtt, PSK,wsjt,,,
> > Manual is quite vague on menu 48,,, if you are using the mike
> socket,,, needs a bit of study... trial and error will prevail...
> RJ45 mike socket on board is I think Japan,,, not all RJ45 broadband
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> > ----- Original Message -----
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> > To: FT897@yahoogroups.com
> > Sent: Monday, November 16, 2009 8:25 PM
> > Subject: [FT897] ft-897 signalink users that use rj45 for
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> > Vox off
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> > hamstick antenna.
> > Signalink USB
> >
> > Radio
> >
> > I use rj45 to connect form signalink to the rj-45 connected
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> > I have tried digipan on Windows XP and fldigi on Linux (debian)
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> > Is there anyone set up the way I am?
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> > [Non-text portions of this message have been removed]
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> > ------------------------------------
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> > Yahoo! Groups Links
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

28305. Re: [FT897] ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-18 16:21:31 UTC
From: George
Topic: 28279 Message: 28305

I might be having to get that data cable ($24 shipped.)

I will check the CW setting.

I don't use a resistor cap when using that mic I don't really know if
I should be or not either.

I suspect the ptt line to be in the rj45 the ptt does seem to work.

I would also add that I use the CAT cable for rig control and the mic
cable for signalink only.
Could that be an issue?

Ki4lui
On Nov 18, 2009, at 8:34 AM, Richard Corfield wrote:

> I use the data socket which works well, and should also work for
> that person
> asking about voice. The only think I've noted with it is that you
> have to
> have the "CW Auto" menu setting off.
>
> Do you have to use the resistor capacitor combination when using the
> mic
> socket, or does it have a separate PTT line?
>
> - Richard (M0RJC)
>
> 2009/11/16 gbongi1 <gbongi1@comcast.net>
>
> >
> >
> > Hi folks ki5lui here.
> >
> > My current set up is:
> > ft 897.
> > Munu set to psk-U
> > Vox off
> >
> > hamstick antenna.
> > Signalink USB
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> > Thanks a lot for any help.
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> > Ki4lui
> >
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> >
>
> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

28306. New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-19 02:13:25 UTC
From: FT897@yahoogroups.com
Topic: 137 Message: 28306

Enter your vote today! A new poll has been created for the
FT897 group:

What would be the mobile antenna that you would like to TRY for one day on your vehicle?

o Tarheel Antennas
o Yaesu ATAS-120
o High Sierra Sidekick
o CHAMELEON V1 HF Multiband Antenna?

To vote, please visit the following web page:
http://groups.yahoo.com/group/FT897/surveys?id=12963519

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

28307. Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-19 02:38:43 UTC
From: MichaelE
Topic: 28279 Message: 28307

I have a suggestion. Look very closely at the SignaLink manual (or website) for your jumper settings. If you look closely you will find the 897 appear to be listed twice. You probablyused the first one you came to which is actually for the FT-897 (not the FT-897D).

The only way I found to tell them apart is that the one for the 897 references an 8 pin DIN data jack and the one for the 897D references a 6 pin DIN data jack.

Since the 897 has an 8 pin it has a jumper on pin 7 (as noted below), The 897D does not have a pin 7 so there are no jumpers on pin 7.

I learned this the hard way - my rig did not operate intitally. But after a lot of further investigation I discovered the error of my ways.

73,
Mike, AE8U

--- In FT897@...m, gbongi1@... wrote:
>
> Yes the red light is illuminating.
>
> I have re-examined the jumpers three times and twice with my elmer and once with tech support.
>
> I double checked the speaker to speaker connection and noticed that mine is something I spliced together and am going to take a closer look at.
>
> I have been using USB for Digi
>
> It is doing everything like it should be transmitting. However, no power or modulation.
>
> I will double check that speaker cable though.
>
> Thanks for the input.
>
> 73
> ki4lui
>
> ----- Original Message -----
> From: "Lew Phelps K6LMP" <k6lmp@...>
> To: FT897@yahoogroups.com
> Sent: Tuesday, November 17, 2009 8:23:51 PM GMT -05:00 US/Canada Eastern
> Subject: Re: [FT897] ft-897 signalink users that use rj45 for transmitting
>
> I have the same basic setup that you do -- FT-897D, Signalink USB, and connected from the rj45 mike port on the rig to the RJ45 "radio" port on the Signalink. You also have to run a monaural (2 conductor) audio cable from the speaker jack or headphone jack on the radio to

the "speaker" jack on the Signalink, since the mike jack does not provide receive audio through the RJ45 port.
>
> Signalink instructions say to set the rig to SSB (USB, even on 40 meters, in most cases) rather than digital mode. Have you tried that?
>
> Is your transmitter red light coming on when the software sends out a signal? If not, then it looks like a problem in the PTT connections. I would suggest that you recheck the jumper settings inside the Signalink. Per the Signalink user instructions, you should have the following jumpers set:
>
> Pin-out
> Pin 1 ï¿½ N/C
> Pin 2 ï¿½ N/C
> Pin 3 ï¿½ N/C
> Pin 4 ï¿½ Mic GND
> Pin 5 ï¿½ Mic
> Pin 6 ï¿½ PTT
> Pin 7 ï¿½ GND
> Pin 8 ï¿½ N/C
>
> Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..
>
> With this setup, all you should have to do is adjust the transmit modulation level either through the Signalink transmit volume knob or the FT897 SSB Mike Gain control, or both. The ideal, according to Yaesu documentation, is for the ALC meter to register about 7 or 8 dots, which is just shy of the longer bar that sits at the "10th dot" position on the ALC meter.
>
> With this configuration, the Signalink does not use VOX for control of transmit, so VOX menu settings are irrelevant.
>
> You do want to make sure that your software is configured to use PTT and not VOX to key transmit.
>
> good luck,
>
> Lew K6LMP
>
>
>
> On Nov 16, 2009, at 12:25 PM, gbongi1 wrote:
>
> > Hi folks ki5lui here.
> >
> > My current set up is:
> > ft 897.
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> > hamstick antenna.
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> > Thanks a lot for any help.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
>

28308. Re: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-19 03:09:29 UTC
From: gbongi1@comcast.net
Topic: 28279 Message: 28308

I am using the rj45 connection snd did not see any other jumper setting schematic for it.

http://www.tigertronics.com/sl_wirebm.htm#YAESU

I am going by

" RJ-45 Mic Connector (use SLUSBRJ4, SL1+RJ45, SL1-RJ45 or SLCABRJ4)"

the secind schematic that shows the Jumper settings.

Thanks for your help

George

----- Original Message -----
From: "MichaelE" <ae8u@...>
To: FT897@yahoogroups.com
Sent: Wednesday, November 18, 2009 9:38:43 PM GMT -05:00 US/Canada Eastern
Subject: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

I have a suggestion. Look very closely at the SignaLink manual (or website) for your jumper settings. If you look closely you will find the 897 appear to be listed twice. You probablyused the first one you came to which is actually for the FT-897 (not the FT-897D).

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> I double checked the speaker to speaker connection and noticed that mine is something I spliced together and am going to take a closer look at.
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> Note that these are DIFFERENT settings than you use if you are connecting through the 6-pin port on the back of the rig..
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

28309. Re: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

Yahoo group: FT897 (2009)
Date: 2009-11-19 03:14:55 UTC
From: gbongi1@comcast.net
Topic: 28279 Message: 28309

Just confirmed still not working.

There is somethign I am missing.

Everything simulates as though I am transmitting I just don't get power or modulation.

Is there anyone with this same set up?

G
----- Original Message -----
From: "Jeff" <jefff@...>
To: FT897@yahoogroups.com
Sent: Wednesday, November 18, 2009 8:21:29 AM GMT -05:00 US/Canada Eastern
Subject: [FT897] Re: ft-897 signalink users that use rj45 for transmitting

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K4LMP

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> EI4HX
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> PS also check the audio output level from your sound card !
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> Peter EI4HX
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> To: FT897@yahoogroups.com
> Sent: Monday, November 16, 2009 8:25 PM
> Subject: [FT897] ft-897 signalink users that use rj45 for transmitting
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> ------------------------------------
>
> Yahoo! Groups Links
>
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

28310. current post comment

Yahoo group: FT897 (2009)
Date: 2009-11-19 13:31:37 UTC
From: ke0ms
Topic: 28310 Message: 28310

Slightly off-topic, but since the post was started by someone else, I'll comment; I own a TARHEEL 200A antenna and I absolutely love it. I get thru almost always on the first or second call, and am continously given great signal reports, especially when they know I'm running mobile.

I have even considered using a tarheel for my FT-897D home station, but have decided to go the more traditional vertical and wire antenna selection. I am interested in hearing about other home antenna setups that seem to work really well with your 897s... especially anecdotes about use of an LDG AT100-Pro, which I also have but have not yet gotten installed. I just got my 897D two weeks ago, but have been moving so only listen with a wire dangling from my garage rafters...

You can see my mobile Tarheel setup on qrz.com. I'm interested in the poll results.

Wayne, ke0ms

28311. Re: [FT897] New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-19 21:07:44 UTC
From: Finnigann
Topic: 137 Message: 28311

On Wed, 18 Nov 2009 21:13:25 -0500, <FT897@yahoogroups.com> wrote:

> Enter your vote today! A new poll has been created for the
> FT897 group:
>
> What would be the mobile antenna that you would like to TRY for one day
> on your vehicle?
>
> o Tarheel Antennas
> o Yaesu ATAS-120
> o High Sierra Sidekick
> o CHAMELEON V1 HF Multiband Antenna™
>
>
> To vote, please visit the following web page:
> http://groups.yahoo.com/group/FT897/surveys?id=12963519
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
>
> Thanks!
>
>

Well I voted where I should, but I would like to comment on the epoll itself. I have the ATAS120 already. I think the poll might have asked the question in a way that reflected whether or not you all ready had a screwdriver style mobile antenna.

If ten people answered the question but they all ready had the ATAS120 (for example) they prolly wouldn't answer with that antenna. The poll results would be biassed. I can't think of a simple way to word a question to reflect such a situation, but I think it's relevant.

I would like to try the Tarheel for comparisons but that's only because I already have a screwdriver I'm happy with. Otherwise I would pick the Yaesu.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28312. Re: [FT897] New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-19 21:22:17 UTC
From: KONI
Topic: 137 Message: 28312

none of all that mobil-antennas, try the hi-q 5-160rt with the n2vz turbo tuner, nothing else - that's it
koni
dg8fdd

----- Original Message -----
From: Finnigann
To: FT897@yahoogroups.com
Sent: Thursday, November 19, 2009 10:07 PM
Subject: Re: [FT897] New poll for FT897

On Wed, 18 Nov 2009 21:13:25 -0500, <FT897@yahoogroups.com> wrote:

>
> Enter your vote today! A new poll has been created for the
> FT897 group:
>
> What would be the mobile antenna that you would like to TRY for one day
> on your vehicle?
>
> o Tarheel Antennas
> o Yaesu ATAS-120
> o High Sierra Sidekick
> o CHAMELEON V1 HF Multiband Antenna™
>
>
> To vote, please visit the following web page:
> http://groups.yahoo.com/group/FT897/surveys?id=12963519
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
>
> Thanks!
>
>

Well I voted where I should, but I would like to comment on the epoll itself. I have the ATAS120 already. I think the poll might have asked the question in a way that reflected whether or not you all ready had a screwdriver style mobile antenna.

If ten people answered the question but they all ready had the ATAS120 (for example) they prolly wouldn't answer with that antenna. The poll results would be biassed. I can't think of a simple way to word a question to reflect such a situation, but I think it's relevant.

I would like to try the Tarheel for comparisons but that's only because I already have a screwdriver I'm happy with. Otherwise I would pick the Yaesu.

--
73'S
kc8ugv

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28313. RE: [FT897] Software for Digital Voice Keying

Yahoo group: FT897 (2009)
Date: 2009-11-19 22:29:36 UTC
From: Jeremy Dunman
Topic: 28299 Message: 28313

Dave, I have tried to get WinWarbler to work with the FT-897 with mixed results, I asked a while back on the DXlab Reflector and was told that it doesn't support the FT897 and a nomic. Any suggestions? ;)

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Dave AA6YQ
Sent: Tuesday, November 17, 2009 11:49 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Software for Digital Voice Keying

WinWarbler includes a digital voice keyer. Its free, and available via

www.dxlabsuite.com

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of Jeremy Dunman
Sent: Tuesday, November 17, 2009 10:11 PM
To: FT897@yahoogroups.com
Subject: [FT897] Software for Digital Voice Keying

As I get ready for this weekend's contest I am wondering if anyone can recommend any software that works with the FT897 for us as a Digital Voice Keyer. The KD4UDY software worked like a champ but unfortunately I can't register it any more as KD4UDY is now SK. This is the only software I have found so far that will work.

I am running a NOMIC connector to the radio's digital port and don't want to have to foot the bill for anything else if it is at all possible. Thank you and I appreciate your assistance on this one.

Jeremy

KD4LCR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

28314. Hot Mic?

Yahoo group: FT897 (2009)
Date: 2009-11-19 22:42:30 UTC
From: Curt Givens
Topic: 28314 Message: 28314

I'm using a Rigblaster PnP and I'm wonder if the mic is hot when the digital jack is keying the transiever. FT897D

--
Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like registering virgins to stop prostitution."

28315. RE: [FT897] Software for Digital Voice Keying

Yahoo group: FT897 (2009)
Date: 2009-11-19 22:45:52 UTC
From: Matt Patterson
Topic: 28299 Message: 28315

GCVoice Keyer

Looks like website is down right now. It's freeware so maybe someone has a copy or you could e-mail the author of the program and see if he could send it to you in e-mail or something. Do a google search for it.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jeremy Dunman
Sent: Thursday, November 19, 2009 4:30 PM
To: FT897@yahoogroups.com
Subject: RE: [FT897] Software for Digital Voice Keying

Dave, I have tried to get WinWarbler to work with the FT-897 with mixed results, I asked a while back on the DXlab Reflector and was told that it doesn't support the FT897 and a nomic. Any suggestions? ;)

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>] On Behalf Of Dave
AA6YQ
Sent: Tuesday, November 17, 2009 11:49 PM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: RE: [FT897] Software for Digital Voice Keying

WinWarbler includes a digital voice keyer. Its free, and available via

www.dxlabsuite.com

73,

Dave, AA6YQ

-----Original Message-----
From: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
[mailto:FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>]On Behalf Of Jeremy Dunman
Sent: Tuesday, November 17, 2009 10:11 PM
To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
Subject: [FT897] Software for Digital Voice Keying

As I get ready for this weekend's contest I am wondering if anyone can recommend any software that works with the FT897 for us as a Digital Voice Keyer. The KD4UDY software worked like a champ but unfortunately I can't

register it any more as KD4UDY is now SK. This is the only software I have found so far that will work.

I am running a NOMIC connector to the radio's digital port and don't want to have to foot the bill for anything else if it is at all possible. Thank you and I appreciate your assistance on this one.

Jeremy

KD4LCR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28316. Re: [FT897] current post comment

Yahoo group: FT897 (2009)
Date: 2009-11-19 22:52:17 UTC
From: Curt Givens
Topic: 28310 Message: 28316

ke0ms wrote:
>
> Slightly off-topic, but since the post was started by someone else,
> I'll comment; I own a TARHEEL 200A antenna and I absolutely love it. I
> get thru almost always on the first or second call, and am continously
> given great signal reports, especially when they know I'm running mobile.
>
> I have even considered using a tarheel for my FT-897D home station,
> but have decided to go the more traditional vertical and wire antenna
> selection. I am interested in hearing about other home antenna setups
> that seem to work really well with your 897s... especially anecdotes
> about use of an LDG AT100-Pro, which I also have but have not yet
> gotten installed. I just got my 897D two weeks ago, but have been
> moving so only listen with a wire dangling from my garage rafters...
>
> You can see my mobile Tarheel setup on qrz.com. I'm interested in the
> poll results.
>
> Wayne, ke0ms
>
>
Here at home I'm using a Carolina Windom 80 that has the center hung in
a tree about 30 feet up and the end droop to a shallow "V". With the LDG
100 it works 10 - 80 ham and MARS and occasionally does an exceptional
job best so far was New Zealand on 20M SSB.

73, Curt

--
Curt Givens KC8STE, AAR5VR Army MARS
Earthdog and Special Programs Director
GCDOC/GCAC
Dayton, OH

"Registering lawful Americans who possess a gun to stop armed criminals, is like
registering virgins to stop prostitution."

28317. Re: [FT897] New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-19 22:52:49 UTC
From: carl
Topic: 137 Message: 28317

Anyone got an opinion on the Alpine Screwdriver, Model 100WP.....with or without the 897D, which I have.
I've read the reviews on E-Ham and it would appear the Alpine can do no wrong.
Am thinking of buying one.
Thanks.
Carl VK3EMF

Finnigann wrote:
>
>
> On Wed, 18 Nov 2009 21:13:25 -0500, <FT897@yahoogroups.com
> <mailto:FT897%40yahoogroups.com>> wrote:
>
> >
> > Enter your vote today! A new poll has been created for the
> > FT897 group:
> >
> > What would be the mobile antenna that you would like to TRY for one day
> > on your vehicle?
> >
> > o Tarheel Antennas
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> > o High Sierra Sidekick
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> >
> >
> > To vote, please visit the following web page:
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> <http://groups.yahoo.com/group/FT897/surveys?id=12963519>
> >
> > Note: Please do not reply to this message. Poll votes are
> > not collected via email. To vote, you must go to the Yahoo! Groups
> > web site listed above.
> >
> > Thanks!
>
> Recent Activity:
>
> * New Members
> <http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmNzd1djlxBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTg2NjQ4NDM-?o=6
>
> 19
>

> Visit Your Group
> <http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlbDcwazY1BF9TAzk3MzU5NzE0BGdycElkAzY2ND
c3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1ODY2NDg0Mw-->
> Start a New Topic
> <http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJlYTIwZW5yBF9TAzk3MzU5NzE0BGdycElkA
zY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI1ODY2NDg0Mw-->
>
> MARKETPLACE
>
> Parenting Zone: Your community resource for family and home
> <http://us.ard.yahoo.com/SIG=14k6egdkv/M=493064.12016295.13793596.10835568/D=groups/S=17
05063108:MKP1/Y=YAHOO/EXP=1258672043/L=/B=zjeGA0PDhFM-/J=1258664843264699/K=xmo9i7ynm4APLL
3_Dn2bTg/A=5898841/R=0/SIG=11kkq36go/*http://advision.webevents.yahoo.com/parentingzone/>
>
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJkOGZsbGI0BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc
3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjU4NjY0ODQz>
>
> Switch to: Text-Only
> <mailto:FT897-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditio
nal>,
> Daily Digest
> <mailto:FT897-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> • Unsubscribe
> <mailto:FT897-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> of Use <http://docs.yahoo.com/info/terms/>
> .
>
>

[Non-text portions of this message have been removed]

28318. Re:radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-17 18:03:18 UTC
From: Yummy Fish
Topic: 28226 Message: 28318

I had this too at one point when transmitting on 40m voice using my old antenna. I had a lot of RF in the shack with this setup. I haven't had the problem recur since putting up a better antenna for 40 meters.

Erik

--- In FT897@yahoogroups.com, "Ray" <vk3actrw@...> wrote:
>
> Hi all,
>
> I have had this problem a few times now.
>
> My radio will switch off and give a couple of beeps and then come back on as
> if I had done a full reset.
>
> All programmed channels and settings reset back to factory default.
>
> Luckily I have saved all my setting and memory channels in my laptop and it
> is just a matter of reloading them back in.
>
> I have the FT Basic MMO program.
>
> I look forward to hearing from anyone who has an answer to this problem.
>
> Ray, VK3ACT
>
>
>
> [Non-text portions of this message have been removed]
>

28319. DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-19 23:49:59 UTC
From: David
Topic: 28319 Message: 28319

Can anyone point me in the direction of an image that I could print out and use as a scale on my external S-meter.

I'm sure I'd seen many of them in this group somewhere but can't find them now.

Any help much appreciated.

28320. Re: [FT897] FT897D PTT

Yahoo group: FT897 (2009)
Date: 2009-11-17 19:01:40 UTC
From: Ron WW5G
Topic: 28290 Message: 28320

My manual page 39 says it has a PTT on the data port ?????
Ron WW5G

roadtoscituate wrote:
>
> The FT897D does not have a separate PTT jack. Has anyone used DATA
> jack pin 3 and GND to pull an external circuit to low? The external
> relay circuit draws roughly 80ma. Suggestions appreciated.
> Thanks, Ron n6paa
>
>

28321. S-meter scale images for DIY external meter

Yahoo group: FT897 (2009)
Date: 2009-11-19 00:53:49 UTC
From: David
Topic: 28321 Message: 28321

I have a nice meter that I want to use as an external s-meter with my ft897. I'm sure that in the past I have seen lots of images download and print out for use as scales on DIY external meters.

The problem is that I can't remember where I have seen them. I thought it was in this group but, as I can't find any here, I'm wondering if I imagined it.

Can anyone please help me?

Thanks

28322. Re: FT897D PTT

Yahoo group: FT897 (2009)
Date: 2009-11-17 19:48:33 UTC
From: Yummy Fish
Topic: 28290 Message: 28322

It is my understanding that shorting pin 2 (PTT) on the data jack to ground should trigger the transmit mechanism, but I haven't actually tried it. See page 18 of the manual for pinouts on the data jack.
Erik, n7fyo

--- In FT897@yahoogroups.com, "roadtoscituate" <rm2642@...> wrote:
>
> The FT897D does not have a separate PTT jack. Has anyone used DATA jack pin 3 and GND to pull an external circuit to low? The external relay circuit draws roughly 80ma. Suggestions appreciated.
> Thanks, Ron n6paa
>

28323. Amp

Yahoo group: FT897 (2009)
Date: 2009-11-17 21:19:58 UTC
From: Mark Strait
Topic: 28323 Message: 28323

I am now looking for an amp. Any suggestions?

Thanks in advance.

Mark Strait KD8BIG

[Non-text portions of this message have been removed]

28324. Re: New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-20 00:55:42 UTC
From: brazilbl
Topic: 137 Message: 28324

I have one and it is fantastic! Have it installed on my Ft-840 (as a base antenna). I'm thinking about getting another one before their prices raise in January for my FT-897D so I can have it as a Field Day antenna. See the reviews on eham.net - they are all great.

--- In FT897@yahoogroups.com, carl <carls@...> wrote:
>
> Anyone got an opinion on the Alpine Screwdriver, Model 100WP.....with or
> without the 897D, which I have.
> I've read the reviews on E-Ham and it would appear the Alpine can do no
> wrong.
> Am thinking of buying one.
> Thanks.
> Carl VK3EMF
>
> Finnigann wrote:
> >
> >
> > On Wed, 18 Nov 2009 21:13:25 -0500, <FT897@yahoogroups.com
> > <mailto:FT897%40yahoogroups.com>> wrote:
> >
> > >
> > > Enter your vote today! A new poll has been created for the
> > > FT897 group:
> > >
> > > What would be the mobile antenna that you would like to TRY for one day
> > > on your vehicle?
> > >
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> > > o Yaesu ATAS-120
> > > o High Sierra Sidekick
> > > o CHAMELEON V1 HF Multiband Antennaâ□¢
> > >
> > >
> > > To vote, please visit the following web page:
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> > >
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> > >
> > > Thanks!
> >
> > Recent Activity:

> >
> > * New Members
> > <http://groups.yahoo.com/group/FT897/members;_ylc=X3oDMTJmNzd1djlxBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNTg2NjQ4NDM-?o=6>
> > 19
> >
> > Visit Your Group
> > <http://groups.yahoo.com/group/FT897;_ylc=X3oDMTJlbDcwazY1BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI1ODY2NDg0Mw-->
> > Start a New Topic
> > <http://groups.yahoo.com/group/FT897/post;_ylc=X3oDMTJlYTIwZW5yBF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI1ODY2NDg0Mw-->
> >
> > MARKETPLACE
> >
> > Parenting Zone: Your community resource for family and home
> > <http://us.ard.yahoo.com/SIG=14k6egdkv/M=493064.12016295.13793596.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1258672043/L=/B=zjeGA0PDhFM-/J=1258664843264699/K=xmo9i7ynm4APLL3_Dn2bTg/A=5898841/R=0/SIG=11kkq36go/*http://advision.webevents.yahoo.com/parentingzone/>
> >
> > Yahoo! Groups
> > <http://groups.yahoo.com/;_ylc=X3oDMTJkOGZsbGI0BF9TAzk3MzU5NzE0BGdycElkAzY2NDc3NTAEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjU4NjY0ODQz>
> >
> > Switch to: Text-Only
> > <mailto:FT897-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional>,
> > Daily Digest
> > <mailto:FT897-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> > â□¢ Unsubscribe
> > <mailto:FT897-unsubscribe@yahoogroups.com?subject=Unsubscribe> â□¢ Terms
> > of Use <http://docs.yahoo.com/info/terms/>
> > .
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

28325. RE: [FT897] DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-20 14:50:19 UTC
From: Ted Wrobel
Topic: 28319 Message: 28325

David,

I have copies of the images but don't know where I go them!. If you want I can email them to you directly. Rather large single file, so I will break them up into a few smaller zip files.

Please contact me directly at w1gri@... if you want me to send them.

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of David
Sent: Thursday, November 19, 2009 18:50
To: FT897@yahoogroups.com
Subject: [FT897] DIY S-meter images

Can anyone point me in the direction of an image that I could print out and use as a scale on my external S-meter.

I'm sure I'd seen many of them in this group somewhere but can't find them now.

Any help much appreciated.

[Non-text portions of this message have been removed]

28326. Re: FT897D PTT

Yahoo group: FT897 (2009)
Date: 2009-11-20 14:47:12 UTC
From: dk5ew
Topic: 28290 Message: 28326

The discussion about a extra PTT has been made some month ago.
Use the search function here or follow that link:
http://www.qslnet.de/member/dk5ew/FT-897D%20extra%20PA-PTT.pdf
73's Erwin/DK5EW

--- In FT897@yahoogroups.com, "Yummy Fish" <yummy.fish@...> wrote:
>
> It is my understanding that shorting pin 2 (PTT) on the data jack to ground should trigger the transmit mechanism, but I haven't actually tried it. See page 18 of the manual for pinouts on the data jack.
> Erik, n7fyo
>
> --- In FT897@yahoogroups.com, "roadtoscituate" <rm2642@> wrote:
> >
> > The FT897D does not have a separate PTT jack. Has anyone used DATA jack pin 3 and GND to pull an external circuit to low? The external relay circuit draws roughly 80ma. Suggestions appreciated.
> > Thanks, Ron n6paa
> >
>

28327. Re: Dual Receive Active

Yahoo group: FT897 (2009)
Date: 2009-11-20 19:06:56 UTC
From: ridge_bo
Topic: 28206 Message: 28327

Hi Carlos,

I have noticed the "D" on the display that is stated in the manual as "Dual Receive Active". I too have no clue what this exactly means. It is mentioned in the manual with the other display abbreviations, like I for IPO active, A for ATT active etc...
Would be interesting to know what activates the "D"...

Best 73
Bo

--- In FT897@yahoogroups.com, "py4xx" <py4xx@...> wrote:
>
>
> Hello everybody ...
> I saw several messages on the display the message "Dual Receive Active"
> What does that mean?? Receive VFOs the two together??
>
> Thanks
>
> Carlos Alberto
> PY4XX
> "Without CW I'm just CB"
>

28328. Re: [FT897] Amp

Yahoo group: FT897 (2009)
Date: 2009-11-20 19:31:56 UTC
From: John E
Topic: 28323 Message: 28328

Hi, How much do you want to spend?

de John K0CQW

On Tue, Nov 17, 2009 at 3:19 PM, Mark Strait <kd8big@...> wrote:

>
>
> I am now looking for an amp. Any suggestions?
>
> Thanks in advance.
>
> Mark Strait KD8BIG
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28329. Re: [FT897] Amp

Yahoo group: FT897 (2009)
Date: 2009-11-20 19:41:05 UTC
From: Mark Strait
Topic: 28323 Message: 28329

I'm looking at an Ameritron Al-811. Which is selling for $749.00
The more money I spend on the amp the less I have for other toys in the shack.

I've been putting together my shack now for the last 8 weeks or so
73,
Mark Strait KD8BIG

--- On Fri, 11/20/09, John E <k0cqwjohn@...> wrote:

From: John E <k0cqwjohn@...>
Subject: Re: [FT897] Amp
To: FT897@yahoogroups.com
Date: Friday, November 20, 2009, 2:31 PM

Hi, How much do you want to spend?

de John K0CQW

On Tue, Nov 17, 2009 at 3:19 PM, Mark Strait <kd8big@...> wrote:

>
>
> I am now looking for an amp. Any suggestions?
>
> Thanks in advance.
>
> Mark Strait KD8BIG
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28330. Re: [FT897] Re: Dual Receive Active

Yahoo group: FT897 (2009)
Date: 2009-11-20 19:43:04 UTC
From: Charles Scott
Topic: 28206 Message: 28330

Bo:

This should be the indication for the "Dual Watch" feature in which the radio periodically checks an alternate frequency. See pages 15, 49, and 50 in the operating manual for more information. It is, however, not a simultaneous "dual receive" function as is found in some other units.

Chuck - N8DNX

ridge_bo wrote:
> Hi Carlos,
>
> I have noticed the "D" on the display that is stated in the manual as "Dual Receive Active". I too have no clue what this exactly means. It is mentioned in the manual with the other display abbreviations, like I for IPO active, A for ATT active etc...
> Would be interesting to know what activates the "D"...
>
> Best 73
> Bo

28331. Re: New poll for FT897

Yahoo group: FT897 (2009)
Date: 2009-11-21 01:26:02 UTC
From: dyarnes1
Topic: 137 Message: 28331

Who starts these polls and why???? Is this some sort of back-handed way of getting some exposure for the Chameleon? I'd never heard of it, but a similar poll just popped up on the FT-817 reflector, with different choices, except for the Chameleon! Besides, there are so many other choices out there. How was this short list developed?

Dave W7AQK

--- In FT897@yahoogroups.com, "KONI" <koniada@...> wrote:
>
> none of all that mobil-antennas, try the hi-q 5-160rt with the n2vz turbo tuner, nothing else - that's it
> koni
> dg8fdd
>
>
>
> ----- Original Message -----
> From: Finnigann
> To: FT897@yahoogroups.com
> Sent: Thursday, November 19, 2009 10:07 PM
> Subject: Re: [FT897] New poll for FT897
>
>
>
> On Wed, 18 Nov 2009 21:13:25 -0500, <FT897@yahoogroups.com> wrote:
>
> > >
> > > Enter your vote today! A new poll has been created for the
> > > FT897 group:
> > >
> > > What would be the mobile antenna that you would like to TRY for one day
> > > on your vehicle?
> > >
> > > o Tarheel Antennas
> > > o Yaesu ATAS-120
> > > o High Sierra Sidekick
> > > o CHAMELEON V1 HF Multiband Antennaâ□¢
> > >
> > >
> > > To vote, please visit the following web page:
> > > http://groups.yahoo.com/group/FT897/surveys?id=12963519
> > >
> > > Note: Please do not reply to this message. Poll votes are
> > > not collected via email. To vote, you must go to the Yahoo! Groups
> > > web site listed above.
> > >

> > Thanks!
> >
> >
>
> Well I voted where I should, but I would like to comment on the epoll
> itself. I have the ATAS120 already. I think the poll might have asked the
> question in a way that reflected whether or not you all ready had a
> screwdriver style mobile antenna.
>
> If ten people answered the question but they all ready had the ATAS120
> (for example) they prolly wouldn't answer with that antenna. The poll
> results would be biassed. I can't think of a simple way to word a question
> to reflect such a situation, but I think it's relevant.
>
> I would like to try the Tarheel for comparisons but that's only because I
> already have a screwdriver I'm happy with. Otherwise I would pick the
> Yaesu.
>
> --
> 73'S
> kc8ugv
>
> Remembering our Vets - Then and Now
>
> HTTP://www.tinyurl.com/bcarc12
> http://my.opera.com/Finnigann/blog
> http://community.webshots.com/user/finnigann
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28332. DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-21 14:45:34 UTC
From: Lup S. DJ7SW
Topic: 28319 Message: 28332

Nice Meter scales can be copied from OK2FJ page here:

http://www.radio-foto.net/radio/ftmeter.php

a nice pgm called galva by F5BU can be used for selfmade ops.
Download it frm TK5EPs page:

http://tk5ep.free.fr/tech/abaqueROS/en/gainchart.php

Tonne software: http://www.tonnesoftware.com/meter2.html

offers the ur-version of all those pgms.

a note: pls look for an elmer who can teach you the magics of
goggling or yahooing.

55 de

Lup, DJ7SW
mailto:dj7sw@...

28333. DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-21 16:58:14 UTC
From: Lup S. DJ7SW
Topic: 28319 Message: 28333

Sorry

i forgot another nice page. If you own a calibrated signal souce
or a good db attenuator you can produce exact calculated instrument dials:

http://www.s-meter.de/index.htm

sorry in german and no (god heavens) imperial units. (;-))

Lup, DJ7SW
mailto:dj7sw@...

28334. Re: DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-20 15:16:59 UTC
From: dm1va
Topic: 28319 Message: 28334

--- In FT897@yahoogroups.com, "David" <david.azzler@...> wrote:
>
> Can anyone point me in the direction of an image that I could print out and use as a scale on my external S-meter.
>
> I'm sure I'd seen many of them in this group somewhere but can't find them now.
>
> Any help much appreciated.
>

http://www.radio-foto.net/radio/ftmeter.php

28335. FT 897-D High SWR

Yahoo group: FT897 (2009)
Date: 2009-11-20 22:22:22 UTC
From: camtn913
Topic: 28335 Message: 28335

Hello group, this is my first post to the group. I have a problem with HF part of my radio, UHF/VHF are fine, but HF SWR is very high and I can't tune with the LDG AT897 tuner. The antenna was checked with an analizer and is not far out of tune. I tried to tune with another tuner with the same results. I hope someone will beable to give me some idea as to the problem. 73 DE KG4RYJ Carl

28336. XVTR option and automatic xverter switching

Yahoo group: FT897 (2009)
Date: 2009-11-21 15:49:18 UTC
From: Rami
Topic: 28336 Message: 28336

There is nice option when XVTR is selected to A/B. Output of Q1010 pin11 (TP1024) is high when B is selected and pin12 (TP1023) is high when A is selected.

Ramppa, OH2LIY

28337. Which ?

Yahoo group: FT897 (2009)
Date: 2009-11-21 09:46:26 UTC
From: Ted Wager
Topic: 28337 Message: 28337

I have been qrt for many years and am about to make a purchase to return to the bands.My main interests are digital modes and use for general listening..I have narrowed my choice to either the FT-450 and the FT-897D..Any comments and advice on which is more suitable welcome..

--
Regards
Ted Wager
High Peak UK
Using Ubuntu Linux

28338. Re: S-meter scale images for DIY external meter

Yahoo group: FT897 (2009)
Date: 2009-11-21 23:16:20 UTC
From: w.hjerbe
Topic: 28321 Message: 28338

Hi David,

maybe the following link will help you to find a nice template for the external meter:
http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=19829

73,

Wolf, DJ7QB

--- In FT897@yahoogroups.com, "David" <david.azzler@...> wrote:
>
> I have a nice meter that I want to use as an external s-meter with my ft897. I'm sure that in the past I have seen lots of images download and print out for use as scales on DIY external meters.
>
> The problem is that I can't remember where I have seen them. I thought it was in this group but, as I can't find any here, I'm wondering if I imagined it.
>
> Can anyone please help me?
>
> Thanks
>

28339. Re: Which ?

Yahoo group: FT897 (2009)
Date: 2009-11-22 08:03:40 UTC
From: g8ubj
Topic: 28337 Message: 28339

Well both rigs have their own issues..

FT-450 has FSK input and a nice IF disp so no filters are needed but you can only go down to 500Hz bandwidth which doesn't cut it for RTTY and on PSK31 its nice to go down to 100Hz, also no VHF/UHF is you wanted to do that. Oh and that teeny-weeny tuning knob..

The FT-897 has no FSK input so on RTTY you need to drive it with tones. And to Run RTTY PSK you need to fit a 300hz filter (The Inrad one is excellent) but of course costs a bit and is fixed..

I have 2 FT-897s for VHF 2M/6M on one and 70CM + transverter to 70Mhz on the other, I take one on field day for HF as its just built to go portable!

If VHF isn't important to you and digital modes your thing I would save a bit more and Get the FT-950 but that just my opinion..

73 Rex - G8UBJ

--- In FT897@yahoogroups.com, Ted Wager <ted@...> wrote:
>
> I have been qrt for many years and am about to make a purchase to return
> to the bands.My main interests are digital modes and use for general
> listening..I have narrowed my choice to either the FT-450 and the
> FT-897D..Any comments and advice on which is more suitable welcome..
>
> --
> Regards
> Ted Wager
> High Peak UK
> Using Ubuntu Linux
>

28340. Advice needed for CW operation...

Yahoo group: FT897 (2009)
Date: 2009-11-22 11:38:43 UTC
From: kerryguy7
Topic: 28340 Message: 28340

OK, I hope this question isn't too dumb BUT, keep in mind that I'm still a pretty new 897 owner as well as being a fairly new ham.
With that in mind, here is my question, or, in actuality, "questions."
I am in the process of learning the code. I want to attach a good "straight key" to my 897D. I am a bit confused with the instructions in the owner's manual. What, in your more experienced opinion, is a good key to use? (I have been looking at the Bencher straight key as well as the Vibroplex straight key BUT, well, as I understand it the 897 needs a "stero" plug for hookup...correct? It looks as though BOTH of these keys are only available with a "mono" plug. I might be wrong about this, however...
Second question: Once I have the proper key hooked up to the 897, can I use the sidetone feature of the rig to practice sending code WITHOUT transmitting on the air? If so, how do I set this up?
Like I said folks, these questions might seem pretty basic BUT,hey, we all are in the process of learning, right? Some of us, however, are learning at at more basic level than some others! :)
Thanks in advance for your help with these questions!
Tom - KC8TBY

28341. Re: Which ?

Yahoo group: FT897 (2009)
Date: 2009-11-22 12:08:25 UTC
From: willgord
Topic: 28337 Message: 28341

I faced the same choice and opted for the 897. Felt Yaesu had made too many compromises to get the price of the 450 down to about $800 with built-in tuner.

I use my 897 as my home base station--using a screwdriver antenna inside a New York City apartment with a counterpoise hanging out the window. As it happens, I also get to use the 450, with outdoor dipole, at my local Red Cross chapter.

After using both, I believe the 897 is the better rig, with more features built in. I basically work 20 meter phone and am just getting into PSK31. Have no complaints about having chosen the 897. Have workred about 60 countries and 38 states on phone and after two weeks with PSK 31, have worked nine countries and 10 states.

That said, I feel that it is only a matter of time before I add a 950 to my shack. That strikes me as a nice upgrade to either the 897 or the 450. I had intended to use the 897 portable in Central Park, which is only a block away. In fact, I have never done so. At home I can operate 100 watts from the 14th floor (giving me what amounts to a 120 foot tower). In Central Park I swould be running 20 watts at ground level.

My choice would be the 897D, unless you can swing a 950. It is $500 more than the 897 but probablhy worth the diff. For the record, I work VHF-UHF with a Yaesu 7800, which I use as a base station. That has a 27-inch dual band whip mag-mounted to an air conditioner outside the window. I amuse other hams by referring to my 27-inch whip as my tower.

73s and best of luck with your choice
Gordon
K2GLW
--- In FT897@yahoogroups.com, "g8ubj" <rexle5ter@...> wrote:
>
> Well both rigs have their own issues..
>
> FT-450 has FSK input and a nice IF disp so no filters are needed but you can only go down to 500Hz bandwidth which doesn't cut it for RTTY and on PSK31 its nice to go down to 100Hz, also no VHF/UHF is you wanted to do that. Oh and that teeny-weeny tuning knob..
>
> The FT-897 has no FSK input so on RTTY you need to drive it with tones. And to Run RTTY PSK you need to fit a 300hz filter (The Inrad one is excellent) but of course costs a bit and is fixed..
>
> I have 2 FT-897s for VHF 2M/6M on one and 70CM + transverter to 70Mhz on the other, I take one on field day for HF as its just built to go portable!
>
> If VHF isn't important to you and digital modes your thing I would save a bit more and Get the FT-950 but that just my opinion..
>
> 73 Rex - G8UBJ
>

> --- In FT897@yahoogroups.com, Ted Wager <ted@> wrote:
> >
> > I have been qrt for many years and am about to make a purchase to return
> > to the bands.My main interests are digital modes and use for general
> > listening..I have narrowed my choice to either the FT-450 and the
> > FT-897D..Any comments and advice on which is more suitable welcome..
> >
> > --
> > Regards
> > Ted Wager
> > High Peak UK
> > Using Ubuntu Linux
> >
>

28342. Re: [FT897] Advice needed for CW operation...

Yahoo group: FT897 (2009)
Date: 2009-11-22 13:14:16 UTC
From: Paul Harris
Topic: 28340 Message: 28342

You can practice not sending on the air with the two outer buttons on the mike, put the radio in cw mode and press the c button under "kyr". only. In menu mode 26 cw paddle set it to mickey, ad it runs the keyer.Up is dits downis dahs.
Paul KB2VEC

--- On Sun, 11/22/09, kerryguy7 <kerryguy7@yahoo.com> wrote:

From: kerryguy7 <kerryguy7@...>
Subject: [FT897] Advice needed for CW operation...
To: FT897@yahoogroups.com
Date: Sunday, November 22, 2009, 6:38 AM

OK, I hope this question isn't too dumb BUT, keep in mind that I'm still a pretty new 897 owner as well as being a fairly new ham.

With that in mind, here is my question, or, in actuality, "questions."

I am in the process of learning the code. I want to attach a good "straight key" to my 897D. I am a bit confused with the instructions in the owner's manual. What, in your more experienced opinion, is a good key to use? (I have been looking at the Bencher straight key as well as the Vibroplex straight key BUT, well, as I understand it the 897 needs a "stero" plug for hookup...correct? It looks as though BOTH of these keys are only available with a "mono" plug. I might be wrong about this, however...

Second question: Once I have the proper key hooked up to the 897, can I use the sidetone feature of the rig to practice sending code WITHOUT transmitting on the air? If so, how do I set this up?

Like I said folks, these questions might seem pretty basic BUT,hey, we all are in the process of learning, right? Some of us, however, are learning at at more basic level than some others! :)

Thanks in advance for your help with these questions!

Tom - KC8TBY

[Non-text portions of this message have been removed]

28343. Re:radio turning off and back on

Yahoo group: FT897 (2009)
Date: 2009-11-22 13:23:51 UTC
From: Jon Perelstein
Topic: 28226 Message: 28343

One possible low tech cause.

I had a similar problem on mine when I first bought it and found that the fuse terminals in the little plastic box external to the rig weren't crimped right, with the result that every once in a while it would lose connection for a brief instant. Two seconds with a pair of pliers fixed that.

Jon, KB1QBZ

[Non-text portions of this message have been removed]

28344. cw-t

Yahoo group: FT897 (2009)
Date: 2009-11-22 13:47:15 UTC
From: n8mfn
Topic: 28344 Message: 28344

On the ft-897 there is a cw-t lite that comes on when I think you are zeroed on the other station freq how ever it seams that every one is off me by about .5 kc does anyone know how to bring these closer or is this the way it is suppose to be?
Thanks
Rick
N8MFN

28345. Re:FT 897-D High SWR

Yahoo group: FT897 (2009)
Date: 2009-11-22 15:04:38 UTC
From: w1ioo@cooledge.com
Topic: 28335 Message: 28345

When you press the tune button do you hear the relays and motor make noise?
If not check the cat cable. I had this problem

And it was the cat cable was not making good contact. The cat cable
connectors are awful. I had to cut the connector so it

Would go further into the connector.

Wally

[Non-text portions of this message have been removed]

28346. RE: [FT897] FT 897-D High SWR

Yahoo group: FT897 (2009)
Date: 2009-11-22 15:06:09 UTC
From: Ken Bandy
Topic: 28335 Message: 28346

You said you checked your antenna with an analyzer. There are several questions that need to be answered. What kind of readings did you get with the analyzer? What type of antenna are you trying to use? Will the radio not tune on any HE band? What does the analyzer show on the same band's) that you get High SIR indications on your rig? Have you double checked your connections between your rig and tuner? Does the tuner "try" to tune? In other words, you're sure the tuner is getting power, right? The AT-897 will tune up to a 10:1 mismatch. If your antenna is out more than that, even if you could get the radio happy (SIR match), the antenna isn't going to resonate much.

Give the group some more details and maybe we can offer some assistance.

73,
Ken
KJ9B

-----Original Message-----
From: camtn913 [mailto:camtn913@...]
Sent: Friday, November 20, 2009 5:22 PM
To: FT897@yahoogroups.com
Subject: [FT897] FT 897-D High SWR

Hello group, this is my first post to the group. I have a problem with HF part of my radio, UHF/VHF are fine, but HF SWR is very high and I can't tune with the LDG AT897 tuner. The antenna was checked with an analizer and is not far out of tune. I tried to tune with another tuner with the same results. I hope someone will beable to give me some idea as to the problem.
73 DE KG4RYJ Carl

28347. Re: cw-t

Yahoo group: FT897 (2009)
Date: 2009-11-22 16:31:21 UTC
From: Steve Yates
Topic: 28344 Message: 28347

Rick,

When tuning in a CW station press and hold the "HOME" button. This will produce a tone that you can zero beat with the received signal by tuning the VFO. When they are the same tone the CW-T light should be on. If not then something may be off. Also, unlike an old Kenwood of mine, the frequency display in CW reads the actual carrier frequency when tuned to a note. In other words, if you were to tune in WWV to a zero beat of say 600 Hz (where the CW-T light comes on) the display will read 10.000.00, not 10.000.60.

You can also adjust the zero beat CW pitch to your liking with menu # 027 CW PITCH.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "n8mfn" <n8mfn@...> wrote:
>
> On the ft-897 there is a cw-t lite that comes on when I think you are zeroed on the other station freq how ever it seams that every one is off me by about .5 kc does anyone know how to bring these closer or is this the way it is suppose to be?
> Thanks
> Rick
> N8MFN
>

28348. Re: Advice needed for CW operation...

Yahoo group: FT897 (2009)
Date: 2009-11-22 16:39:26 UTC
From: Steve Yates
Topic: 28340 Message: 28348

Hi Tom,

You can use a mono 1/8" plug in the key jack with no problems. You just have to disable the keyer by pushing the C key (KYR) in Menu Function J (MFj). In the same menu you can push B (BK) to disable the transmitter. In Menu Mode No. 031 you can have the rig send CW practice (off air) to you and show you what it sent afterwards.

73,
Steve Yates - AA5TB

http://www.aa5tb.com/
http://groups.yahoo.com/group/NORTEX_QRP/

--- In FT897@yahoogroups.com, "kerryguy7" <kerryguy7@...> wrote:
>
> OK, I hope this question isn't too dumb BUT, keep in mind that I'm still a pretty new 897 owner as well as being a fairly new ham.
> With that in mind, here is my question, or, in actuality, "questions."
> I am in the process of learning the code. I want to attach a good "straight key" to my 897D. I am a bit confused with the instructions in the owner's manual. What, in your more experienced opinion, is a good key to use? (I have been looking at the Bencher straight key as well as the Vibroplex straight key BUT, well, as I understand it the 897 needs a "stero" plug for hookup...correct? It looks as though BOTH of these keys are only available with a "mono" plug. I might be wrong about this, however...
> Second question: Once I have the proper key hooked up to the 897, can I use the sidetone feature of the rig to practice sending code WITHOUT transmitting on the air? If so, how do I set this up?
> Like I said folks, these questions might seem pretty basic BUT,hey, we all are in the process of learning, right? Some of us, however, are learning at at more basic level than some others! :)
> Thanks in advance for your help with these questions!
> Tom - KC8TBY
>

28349. Re: [FT897] cw-t

Yahoo group: FT897 (2009)
Date: 2009-11-22 20:30:08 UTC
From: Richard Corfield
Topic: 28344 Message: 28349

It should track your sidetone frequency setting. Any chance you can use another radio to test it? I don't know how accurate you have to be to get it to light up, but when you transmit then your tone should be at the same frequency (or close enough) as the person sending. A second radio in your shack can test that.

I think even if you use the "Transmit Morse when in SSB mode" feature it will shift the tuning by the right amount to get things to line up. Your ssb carrier point will be offset by whatever your sidetone frequency is.

- Richard

n8mfn wrote:
>
> On the ft-897 there is a cw-t lite that comes on when I think you are
> zeroed on the other station freq how ever it seams that every one is
> off me by about .5 kc does anyone know how to bring these closer or is
> this the way it is suppose to be?
> Thanks
> Rick
> N8MFN
>
>

28350. For Sale

Yahoo group: FT897 (2009)
Date: 2009-11-22 23:34:46 UTC
From: lsucet
Topic: 2042 Message: 28350

Hi.

I have a FT-897D for sale.
Has an internal power supply,LDG Meter, MD-100 Desktop Mic. Comes with manuals plus original handmic.

You can contact me at this email lnaelis@... for more info or any question.

Regards
AD5XL

28351. Re:FT897 as remote base

Yahoo group: FT897 (2009)
Date: 2009-11-23 03:18:08 UTC
From: Tim Seeley
Topic: 28276 Message: 28351

I did this basicly. http://www.n2bj.com/RemoteControl.pdf

Have used it from work on HF serveral times. Seams ok, but I have to change the Audio gain when I transmit. I also had Vox setup and that worked fine. I would leave my Auto Tuner on at home when I did this, just in case. Good luck.

Tim
kc0ujm

[Non-text portions of this message have been removed]

28352. Re: Which ?

Yahoo group: FT897 (2009)
Date: 2009-11-23 13:56:21 UTC
From: john_kb0ne
Topic: 28337 Message: 28352

Hi,
My 2 cents worth... I have both a 950 and 897D and to be honest, If I had purchased the 897D first (instead of the 950) I would have only bought the 897D.

By the time I had added the deluxe Yaesu hand mic, SSB and CW filters and the internal power supply to the rig it is about the same money as the 950. These extras are worth it!

Performance for me is roughly the same on both rigs as far as RX goes and on top of that one gets multi mode V/UHF and a number of other listenable frequencies in the V/UHF region. The 950 has a lot of pluses going for it too but if money is tight then my choice is the 897D over the 450.

I suppose if I had wanted a super hone rig then I could have thrown a big wad of $$$ at a top of the line Yaesu or something else but I personally don't see the need since both the 897D and 950 are so much better than the older rigs I used to run.... "beauty is in the eye of the beholder" ;-)

John KB0NE

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
.....
> That said, I feel that it is only a matter of time before I add a 950 to my shack. That strikes me as a nice upgrade to either the 897 or the 450.
>
> My choice would be the 897D, unless you can swing a 950. It is $500 more than the 897 but probablhy worth the diff.

28353. 897- high SWR on HF

Yahoo group: FT897 (2009)
Date: 2009-11-23 14:47:39 UTC
From: Carl Campbell
Topic: 28353 Message: 28353

I have checked jumper cables to tuner and they are good, the tuner seems to try to tune,you can hear it clicking and motor working.Antenna analyzer reads reasonable swr in the area of 2.3 /3.1 on all HF bands except 80 M. which is high 17-1.The antenna is a Miltie band 10-80 meter dipole. I don't believe it is the tuner because I tried a small antenna matcher with same results. Any ideas would be appreciated. 73 KG4RYJ Carl

You said you checked your antenna with an analyzer. There are several questions that need to be answered. What kind of readings did you get with the analyzer? What type of antenna are you trying to use? Will the radio not tune on any HE band? What does the analyzer show on the same band's) that you get High SIR indications on your rig? Have you double checked your connections between your rig and tuner? Does the tuner "try" to tune? In other words, you're sure the tuner is getting power, right? The AT-897 will tune up to a 10:1 mismatch. If your antenna is out more than that, even if you could get the radio happy (SIR match), the antenna isn't going to resonate much.

Give the group some more details and maybe we can offer some assistance.

73,
Ken
KJ9B

Hello group, this is my first post to the group. I have a problem with HF part of my radio, UHF/VHF are fine, but HF SWR is very high and I can't tune with the LDG AT897 tuner. The antenna was checked with an analizer and is not far out of tune. I tried to tune with another tuner with the same results. I hope someone will beable to give me some idea as to the problem.
73 DE KG4RYJ Carl

[Non-text portions of this message have been removed]

28354. Power Output Question

Yahoo group: FT897 (2009)
Date: 2009-11-23 21:45:22 UTC
From: kybarney
Topic: 28354 Message: 28354

Hello,

I sent my FT 897D in for repair about 6 months ago. I smelled smoke when I was tuning up so I sent it for repair as it was not putting out 100 watts.

My question is I have not used VHF/UHF in a very long time. I just bought a "back of radio" fold up antenna from MFJ. I connected it to the correct antenna jack. Anyway, it has a very high SWR and I cannot hit the local repeat with it, but I can hit it with my HT. I have the external FT meter and it shows I am putting out 100 watts on HF, 50 watts on 2 meters, but only 12 watts on UHF.

Can VHF/HF put out maxiumum wattage, and UHF not be putting out max power? Or, if VHF/HF are putting out max output, would UHF also be putting out max output? Just wondering if UHF is broken or if the antenna doesn't work. (The antenna has a high SWR).

FYI, the FT meter says I am putting out max power but I cannot hit the local repeater due to hight SWR on the antenna, using 10-20 watts. I only have the FT meter, and not a wattmeter that plugs into the back of the radio.

Thanks for any input.
Kyle

28355. Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 01:49:02 UTC
From: cooneye2002
Topic: 28355 Message: 28355

When switching bands, I have noticed that my radio has 2 seperate 80 meter bands. Any idea what I have done to activate the #2 80 meter band?
Thanks in advance.
Joe KJ4CQC

28356. Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 04:14:58 UTC
From: NM7L
Topic: 28355 Message: 28356

Joe,

I bet you it doesn't have 2 80-meter bands! Actually, if you look at the frequencies I suspect that one of those freqs is outside of the 3.500 - 4.000 MHz 80-meter range, making it a General Coverage Band frequency. The General Coverage band "floats" depending on where it was last, meaning it can show up at any point between the ham bands.

--- In FT897@yahoogroups.com, "cooneye2002" <cooneye2002@...> wrote:
>
> When switching bands, I have noticed that my radio has 2 seperate 80 meter bands. Any idea what I have done to activate the #2 80 meter band?
> Thanks in advance.
> Joe KJ4CQC
>

28357. Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-24 04:50:14 UTC
From: kc9ipv
Topic: 28230 Message: 28357

The only problem is that NiMH batteries have a fairly high self discharge rate. Sometimes I go a month or longer without using the batteries. I doubt that the OEM batteries are the newer low self discharge cells. I have read that they can loose up to 20% of their charge in the first 24 hours after charging.

mike
kc9ipv

--- In FT897@yahoogroups.com, Sandra Cavallucci <s.cavallucci@...> wrote:
>
> If your Batteries are draining with the power lead plugged on; you have a problem
> The batteries will come on if you press the on button even if the plug is in but mains power switched off
>
> --- On Mon, 16/11/09, kc9ipv <mike@...> wrote:
>
>
> From: kc9ipv <mike@...>
> Subject: [FT897] Re: Internal Battery Use in the unit
> To: FT897@yahoogroups.com
> Date: Monday, 16 November, 2009, 12:56
>
>
> Â
>
>
>
> I leave mine in all the time. If there is power connected to the back of the radio the batteries are not used. The main issue I have is that the batteries self drain so make sure they are fully charged if you are planning to use it in the field. I have since taken the batteries out and now just use a SLA battery and a 26 watt solar panel.
>
> mike
>
> --- In FT897@yahoogroups. com, "crtr_rae" <docazoid@ .> wrote:
> >
> > My question is: Are the batteries (Ni-Mh)left in all the time? If they are, how are the switched for use and not from one to the other during charging ? The manual does not seem to address this question.. Thanks for your time!! Best 73's Carter WA8YVM
> >
>
>
>
>
>

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28358. SDR software audio interfacing

Yahoo group: FT897 (2009)
Date: 2009-11-24 10:40:18 UTC
From: m0els
Topic: 28358 Message: 28358

Hi all, I am having problems with the uadio on sdr software, where the audio bandwidth displayed is too narrow and I get the "mc donalds M" effect.
The signals are on top of the M.
Has any managed to interface the 897d to sdr software and how was it done. Are there diagrams available as I would like to modify my rig.

Thanks

John

ps. I uploaded a screengrab to the files section

28359. Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 14:26:55 UTC
From: cooneye2002
Topic: 28355 Message: 28359

Thanks Mark for the reply. This was a typo on my part. I actually have 2 60 meter (5MHz) bands when switching bands.
Thanks
Joe KJ4CQC

--- In FT897@yahoogroups.com, "NM7L" <wb3gok@...> wrote:
>
> Joe,
>
> I bet you it doesn't have 2 80-meter bands! Actually, if you look at the frequencies I suspect that one of those freqs is outside of the 3.500 - 4.000 MHz 80-meter range, making it a General Coverage Band frequency. The General Coverage band "floats" depending on where it was last, meaning it can show up at any point between the ham bands.
>
>
> --- In FT897@yahoogroups.com, "cooneye2002" <cooneye2002@> wrote:
> >
> > When switching bands, I have noticed that my radio has 2 seperate 80 meter bands. Any idea what I have done to activate the #2 80 meter band?
> > Thanks in advance.
> > Joe KJ4CQC
> >
>

28360. Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 18:55:15 UTC
From: NM7L
Topic: 28355 Message: 28360

Joe,

OK - same scenario. I looked at the manual, page 20, and there are 4 receive only band positions associated with the FT-897: 5 MHz (perhaps associated with the Alaska 5.167 MHz emergency frequency), 15 MHz (WWV), 88 MHz (FM BC), & 108 MHz (Aircraft Band). The 15 MHz position also functions as your "floating" General Coverage band, and will display any frequency not otherwise covered by the amateur band selections.

If you have a FT-897D your 60-meter transmit channel frequencies are available via the memories.

Hope that helps.

28361. Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 19:19:58 UTC
From: cooneye2002
Topic: 28355 Message: 28361

Thanks so much!
Joe KJ4CQC

--- In FT897@yahoogroups.com, "NM7L" <wb3gok@...> wrote:
>
> Joe,
>
> OK - same scenario. I looked at the manual, page 20, and there are 4 receive only band positions associated with the FT-897: 5 MHz (perhaps associated with the Alaska 5.167 MHz emergency frequency), 15 MHz (WWV), 88 MHz (FM BC), & 108 MHz (Aircraft Band). The 15 MHz position also functions as your "floating" General Coverage band, and will display any frequency not otherwise covered by the amateur band selections.
>
> If you have a FT-897D your 60-meter transmit channel frequencies are available via the memories.
>
> Hope that helps.
>

28362. Re: [FT897] Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-24 19:58:30 UTC
From: Trixter aka Bret McDanel
Topic: 28355 Message: 28362

On Tue, 2009-11-24 at 18:55 +0000, NM7L wrote:
>
> Joe,
>
> OK - same scenario. I looked at the manual, page 20, and there are 4
> receive only band positions associated with the FT-897: 5 MHz (perhaps
> associated with the Alaska 5.167 MHz emergency frequency),

>
> If you have a FT-897D your 60-meter transmit channel frequencies are
> available via the memories.

>
does an unmodified radio not allow 60m Tx outside of memories 601-605?

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28363. Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-25 02:54:43 UTC
From: stykemup
Topic: 28355 Message: 28363

An unmodified FT-897D radio DOES NOT allow 60m Tx outside of memories 601-605

[Non-text portions of this message have been removed]

28364. Re: SDR software audio interfacing

Yahoo group: FT897 (2009)
Date: 2009-11-25 02:56:27 UTC
From: W1AEX
Topic: 28358 Message: 28364

Hi John,

I built a 455kc to 12kc downconverter and coupled it to an open filter slot in my 897D and ran the 12kc output of the downconverter to my soundcard. That allowed me to utilize the Flex Radio PowerSDR software with the 897D for receive purposes. It worked extremely well for listening in all modes. Are you tapping the IF before or after the filter chain? Your screenshot looks like you might be coupling after the sideband filter rather than in front of it.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, "m0els" <m0els@...> wrote:
>
> Hi all, I am having problems with the uadio on sdr software, where the audio bandwidth displayed is too narrow and I get the "mc donalds M" effect.
> The signals are on top of the M.
> Has any managed to interface the 897d to sdr software and how was it done. Are there diagrams available as I would like to modify my rig.
>
> Thanks
>
> John
>
> ps. I uploaded a screengrab to the files section
>

28365. Re: [FT897] Re: Duplicate bands

Yahoo group: FT897 (2009)
Date: 2009-11-25 04:00:07 UTC
From: Trixter aka Bret McDanel
Topic: 28355 Message: 28365

On Wed, 2009-11-25 at 02:54 +0000, stykemup wrote:
>
> An unmodified FT-897D radio DOES NOT allow 60m Tx outside of memories
> 601-605

fair enough, wasnt sure how that did that. It should also be mentioned
that this is referring to a US version since other regional bandplans
will have different things going on, some may allow it. I just did not
recall since I almost immediately modified mine upon getting it, and
manually programmed in the channels. Thanks.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28366. IF output tap?

Yahoo group: FT897 (2009)
Date: 2009-11-25 05:33:15 UTC
From: Frank Kelly
Topic: 28366 Message: 28366

Has anyone come up with IF output tap mod for the FT-897d, either at the first IF or before the 455kHz filters, that does not effect the performance of the radio?
Frank

28367. Re: [FT897] Re: SDR software audio interfacing

Yahoo group: FT897 (2009)
Date: 2009-11-25 12:09:17 UTC
From: DavidN
Topic: 28358 Message: 28367

Hi Rob, interested in your downconverter. Was it just a 443kHz oscillator
and perhaps a buffer/mixer?

David G4TUP.

On Wed, Nov 25, 2009 at 2:56 AM, W1AEX <w1aex.fn31@...> wrote:

>
>
> Hi John,
>
> I built a 455kc to 12kc downconverter and coupled it to an open filter slot
> in my 897D and ran the 12kc output of the downconverter to my soundcard.
> That allowed me to utilize the Flex Radio PowerSDR software with the 897D
> for receive purposes. It worked extremely well for listening in all modes.
> Are you tapping the IF before or after the filter chain? Your screenshot
> looks like you might be coupling after the sideband filter rather than in
> front of it.
>
> 73,
>
> Rob W1AEX
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "m0els" <m0els@...>
> wrote:
> >
> > Hi all, I am having problems with the uadio on sdr software, where the
> audio bandwidth displayed is too narrow and I get the "mc donalds M" effect.
> > The signals are on top of the M.
> > Has any managed to interface the 897d to sdr software and how was it
> done. Are there diagrams available as I would like to modify my rig.
> >
> > Thanks
> >
> > John
> >
> > ps. I uploaded a screengrab to the files section
> >
>
>
>

[Non-text portions of this message have been removed]

28368. Re: Power Output Question

Yahoo group: FT897 (2009)
Date: 2009-11-25 17:05:16 UTC
From: john_kb0ne
Topic: 28354 Message: 28368

Basically , If you are having SWR problems then the transmitter will usually try to protect itself and "fold back". So in other words, if the transmitter sees a high returned wattage (SWR) then it should shut down to a point where there is a minimal amount of power being present; that maintains the fold back mode. This will keep the finals from cooking themselves instantly. Power indication on the meter won't necessarily mean that ANY is getting to the antenna.

John KB0NE

> Can VHF/HF put out maxiumum wattage, and UHF not be putting out max power? Or, if VHF/HF are putting out max output, would UHF also be putting out max output? Just wondering if UHF is broken or if the antenna doesn't work. (The antenna has a high SWR).
>
> FYI, the FT meter says I am putting out max power but I cannot hit the local repeater due to hight SWR on the antenna, using 10-20 watts. I only have the FT meter, and not a wattmeter that plugs into the back of the radio.
>
> Thanks for any input.
> Kyle
>

28369. SDR IF tap

Yahoo group: FT897 (2009)
Date: 2009-11-25 17:51:04 UTC
From: John Randall
Topic: 28369 Message: 28369

Hi Rob, I wonder where you took the if feed from, as I cannot see any test points along the IF chain and why did you convert the 455Kz to 12khz.

John

[Non-text portions of this message have been removed]

28370. Re: SDR software audio interfacing

Yahoo group: FT897 (2009)
Date: 2009-11-26 03:29:40 UTC
From: W1AEX
Topic: 28358 Message: 28370

Hi David,

It consisted of an oscillator running at 1.776mHz with a divider that produced 466kHz which was run into a mixer to produce the 11kHz difference to feed into the soundcard. The design was based upon the KE1GF circuit that has been floating around.

It was very cheap to build and the layout is not critical at all. The schematic and a couple of pictures, including a screenshot showing the output of the 897D running PowerSDR, can be seen at the links below. The 897D optional filter slots make an excellent place to non-destructively pick off the 455kHz IF through a small value capacitor.

The only issue I experienced was a ground loop that showed up between the downconverter and the 897D which produced a slight amount of audible 60 cycle hum in the audio output. It was easily resolved by winding a simple 1:1 transformer (Pri-10T, Sec-10T on a small mix 43 core) between the two units, which can be seen as a small black box in the second image below.

http://members.cox.net/ender/schematic.jpg
http://members.cox.net/ender/sdrlayout.jpg
http://members.cox.net/ender/sdr.jpg

The 897D made a nice front end for the project, and it was fun having a scope, panadapter, waterfall display on the computer to amuse myself with as I was tuning around.

73,

Rob W1AEX

--- In FT897@yahoogroups.com, DavidN <david@...> wrote:
>
> Hi Rob, interested in your downconverter. Was it just a 443kHz oscillator
> and perhaps a buffer/mixer?
>
> David G4TUP.
>
>

28371. Re: SDR IF tap

Yahoo group: FT897 (2009)
Date: 2009-11-26 04:10:50 UTC
From: W1AEX
Topic: 28369 Message: 28371

Hi John,

I picked it off at the optional filter position offered by the pins at J23 and J24. If you jumper the first two pins at J24, that tricks the 897D into thinking there is a filter installed in that slot. I ran a 100pf cap from pin one of J23 to the remaining pin at J24 to allow a very wide bandwidth when that position was selected. Don't use that filter position to transmit with, unless you are interested in running double side band ESSB! The pictures at the links below will give you an idea. For more details about tapping the IF, go to the files section of this group, and download the excellent article by Andreas (DF1PAW) and Kord (DF1PW) "DRM Modification - FT-897". I simply ran the IF output through the space between the data output jack and the rig's back panel. There's plenty of room there.

The conversion from 455kHz to 12kHz allows you to feed the output of the downconverter into a computer soundcard input, which then allows the Flex Radio PowerSDR software to act as an IF receiver with the 897D functioning as a tunable front end. It gives you most of the receive features of a Flex Radio, including modes, custom bandwidths, and all the scope features. The biggest limitation is that the bandspread on the panadapter scope is not as wide as an actual Flex Radio.

A lot of guys do this project by purchasing a SoftRock receiver kit that is set up for 455kc reception. It works very well, but you need to be prepared to work with surface mount components if you go in that direction.

The pictures below show my IF tap point and a way to run the cable through the back panel in a non-destructive way.

73,

Rob W1AEX

http://members.cox.net/ender/SDR897D1.jpg
http://members.cox.net/ender/SDR897D2.jpg

--- In FT897@yahoogroups.com, John Randall <m0els@...> wrote:
>
> Hi Rob, I wonder where you took the if feed from, as I cannot see any test points along the IF chain and why did you convert the 455Kz to 12khz.
>
> John
>

28372. Re: [FT897] DIY S-meter images

Yahoo group: FT897 (2009)
Date: 2009-11-22 19:44:17 UTC
From: David Azzler
Topic: 28319 Message: 28372

That is an interesting page. I shall bookmark that one for sure.

Thanks very much and thanks to everyone else who helped. I have printed a new scale and am really pleased with my external meter. It is the best £1 I've spent in a long time.

Thanks again .....

--- On Sat, 21/11/09, Lup S. DJ7SW <dj7sw@...> wrote:

From: Lup S. DJ7SW <dj7sw@...>
Subject: [FT897] DIY S-meter images
To: FT897@yahoogroups.com
Date: Saturday, 21 November, 2009, 16:58

Sorry

i forgot another nice page. If you own a calibrated signal souce

or a good db attenuator you can produce exact calculated instrument dials:

http://www.s- meter.de/ index.htm

sorry in german and no (god heavens) imperial units. (;-))

Lup, DJ7SW

mailto:dj7sw@yahoo. com

[Non-text portions of this message have been removed]

28373. Re: Internal Battery Use in the unit

Yahoo group: FT897 (2009)
Date: 2009-11-24 17:08:40 UTC
From: Edouard Bruchac
Topic: 28230 Message: 28373

I agree with Mike,kc9ipv;

Most NiMh batteries do not have the shelf life that we were accustomed
to with alkaline or the old NiCad batteries.
A lot of digital camera users have discovered this.

That being said,I am very happy with the internal NiMh battery packs
that I use in my FT897D.Great way to go portable,without having to drag
along
external battery packs.

72/73,
Ed N4ZUM

28374. S meter problem

Yahoo group: FT897 (2009)
Date: 2009-11-25 14:38:42 UTC
From: Risk
Topic: 28374 Message: 28374

Hi guys,

When I first purchased my rig, the S meter was working quite well.

I think I have mucked around with a setting some where in the menu system as the S Meter never changes once I have adjusted the gain to where I want it.

If I leave the RF gain dial where I want it. The S meter will give me a reading, but it doesnt change regardless of the signal received.

I can have a QSO bellowing in but the S meter will remain exactly where I set it via the gain dial.

Is there a setting I have played with by mistake ???

VK2WAR

28375. Cat fuse?

Yahoo group: FT897 (2009)
Date: 2009-11-24 00:13:20 UTC
From: LittleJames311
Topic: 28375 Message: 28375

Hello- I am new to this group and new to the ft-897- I have a problem with the cat port on my radio - i am using the at-897 tuner- and get no response/control through the port- i also cannot get the port to run hrd- but i did build the mic interface and hrd runs great-- is there a fuse i can put a meter on to check the voltage for the port?-- Im not sure if this have been covered yet- i searched and found other problems but not my specific one- any help would be great- thanks-- James- WA5DKW

28376. Mobile mounting question

Yahoo group: FT897 (2009)
Date: 2009-11-23 12:43:36 UTC
From: W M W
Topic: 28376 Message: 28376

I believe I understand correctly that there is no head separation accessory for the FT-897D like there is for the FT-8900R (I have both radios). In a mobile application, can the FT-897D be mounted remotely, such as under the back seat, and operated successfully with the optional Yaesu MH-59A8J microphone? Or, must it be mounted in the vehicle so that the operator has fingertip access to the front panel controls?

I plan to keep the FT-8900R in the vehicle most of the time, but I would like to have the Yaesu MMB-80 mobile mounting bracket installed my Chevy Avalanche so I can take the FT-897D from the shack and drop it into the vehicle when I go on trips. I would also appreciate any insights from others who have experience installing these radios (and antennae) in the Avalanche. The space under the back seat (either side) seems to have plenty of room for the FT-8900R to be bolted to the floor. Can anyone tell me how much vertical clearance the FT-897D would require when bolted in the same location, adjacent to the FT-8900R's mounting bracket (assuming, of course, that the FT-897D can be operated remotely with the MH-59A8J microphone at all!)?

Thanks in advance for any assistance that can be offered.

Red
KC4LE
Hoover, Alabama

28377. On off Problem

Yahoo group: FT897 (2009)
Date: 2009-11-24 22:22:39 UTC
From: Max
Topic: 28377 Message: 28377

My FT897 works fine as long as it is turned on. When you turn the radio off, the radio "Will Not" turn back on. I have to wait 10 minutes for the radio to be able to turn back on. It has had this problem since I had it new. The radio is several years old.

Any suggestions.

Max/KS4QF

28378. JT65B 2M NO REC TX OK

Yahoo group: FT897 (2009)
Date: 2009-11-24 15:09:02 UTC
From: jhnfeltz
Topic: 28378 Message: 28378

Greetings: First I have been on 2m EME using an IC-746 with good results but opted for the 897 because of better stability. I have had great success with FSK441 using the Rig Blaster Plus. My signal is heard nicely at the other end but I do not receive anything on this end off the moon. I have used the clarifier to tune for doppler and still nothing. Am I missing something in the menu? Any help will be greatly appreciated. Thanks gang! 73, John W9JN

28379. Re: [FT897] Re: SDR software audio interfacing

Yahoo group: FT897 (2009)
Date: 2009-11-26 11:00:35 UTC
From: DavidN
Topic: 28358 Message: 28379

Many thanks Rob for all the detail, it seems easy to do. Also, as you say, the optional filter slots make an easy place to pick off the IF. Simple, but it works!

Yes, nice to have all those displays to hand, many hours of amusement :)

Again, thanks, David G4TUP.

On Thu, Nov 26, 2009 at 3:29 AM, W1AEX <w1aex.fn31@...> wrote:

>
>
> Hi David,
>
> It consisted of an oscillator running at 1.776mHz with a divider that
> produced 466kHz which was run into a mixer to produce the 11kHz difference
> to feed into the soundcard. The design was based upon the KE1GF circuit that
> has been floating around.
>
> It was very cheap to build and the layout is not critical at all. The
> schematic and a couple of pictures, including a screenshot showing the
> output of the 897D running PowerSDR, can be seen at the links below. The
> 897D optional filter slots make an excellent place to non-destructively pick
> off the 455kHz IF through a small value capacitor.
>
> The only issue I experienced was a ground loop that showed up between the
> downconverter and the 897D which produced a slight amount of audible 60
> cycle hum in the audio output. It was easily resolved by winding a simple
> 1:1 transformer (Pri-10T, Sec-10T on a small mix 43 core) between the two
> units, which can be seen as a small black box in the second image below.
>
> http://members.cox.net/ender/schematic.jpg
> http://members.cox.net/ender/sdrlayout.jpg
> http://members.cox.net/ender/sdr.jpg
>
> The 897D made a nice front end for the project, and it was fun having a
> scope, panadapter, waterfall display on the computer to amuse myself with as
> I was tuning around.
>
> 73,
>
> Rob W1AEX
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, DavidN <david@...>
> wrote:
> >

> > Hi Rob, interested in your downconverter. Was it just a 443kHz oscillator
> > and perhaps a buffer/mixer?
> >
> > David G4TUP.
> >
> >
>
>
>

[Non-text portions of this message have been removed]

28380. CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-26 12:12:09 UTC
From: bragucci
Topic: 28380 Message: 28380

First- Happy Holidays!
Now, my question. I want to try data mode operation, such as PSK31. I also downloaded the Ham Radio Deluxe software. What cable will I need to use HRD and PSK31? Is it the same cable for both? Two different cables? Where would it plug into the back of the radio? The same place for both HRD and PSK31 or a different place for each function. I've used a Kenwood TS820 for years and this new high tech radio stumps me at times. But on another note it is a nice radio. It really does it all. In fact I told my wife if this radio could be programmed to cook dinner she'd be out the door.
Thx to all

Bart

28381. SDR

Yahoo group: FT897 (2009)
Date: 2009-11-26 14:20:43 UTC
From: John Randall
Topic: 28381 Message: 28381

Ho Rob, Thanks for the info and pics. I am going to tackle this and will report back...hi I may go the other option and use the WA1SOV circuit diagram, using an ad607. But will see how easy it is to get the devices.
Surface mount devices is not a problem....

73
John

[Non-text portions of this message have been removed]

28382. Re: [FT897] Mobile mounting question

Yahoo group: FT897 (2009)
Date: 2009-11-26 14:42:30 UTC
From: Lew Phelps K6LMP
Topic: 28376 Message: 28382

Red, you can control most of the rig functions with the 59 mike (I know, because I have one), but I think it would be a real challenge to operate as you propose, simply because you can't see the frequency or other info on the rig's display. you can key in a frequency, for example, but you have no visual feedback to ensure that you entered the right numbers.

On the other hand, it's really not difficult to mount the FT-897 in a location where it's visible and accessible to the driver. the 59 mike expands your options.

I looked at the interior of the Avalanche on the Chevrolet.com web site, and it appears that you have more than ample space on the console between the two front seats, assuming you don't fold the seat into position and have three people sitting in front. There's a simple way to provide a secure platform, onto which you can either screw the MMB-80 mount or fabricate your own. I have made such a mount for my Toyota Prius, and the same basic principles could be used to fabricate a mount for your Avalanche.

Let me know offline if you're interested and I will send you a writeup of the project. email address is my_callsign (at) mac.com.

lew K6LMP

On Nov 23, 2009, at 4:43 AM, W M W wrote:

> I believe I understand correctly that there is no head separation accessory for the FT-897D like there is for the FT-8900R (I have both radios). In a mobile application, can the FT-897D be mounted remotely, such as under the back seat, and operated successfully with the optional Yaesu MH-59A8J microphone? Or, must it be mounted in the vehicle so that the operator has fingertip access to the front panel controls?
>
> I plan to keep the FT-8900R in the vehicle most of the time, but I would like to have the Yaesu MMB-80 mobile mounting bracket installed my Chevy Avalanche so I can take the FT-897D from the shack and drop it into the vehicle when I go on trips. I would also appreciate any insights from others who have experience installing these radios (and antennae) in the Avalanche. The space under the back seat (either side) seems to have plenty of room for the FT-8900R to be bolted to the floor. Can anyone tell me how much vertical clearance the FT-897D would require when bolted in the same location, adjacent to the FT-8900R's mounting bracket (assuming, of course, that the FT-897D can be operated remotely with the MH-59A8J microphone at all!)?
>
> Thanks in advance for any assistance that can be offered.
>
> Red
> KC4LE
> Hoover, Alabama
>
>

[Non-text portions of this message have been removed]

28383. RE: [FT897] Cat fuse?

Yahoo group: FT897 (2009)
Date: 2009-11-26 15:34:54 UTC
From: Ken Bandy
Topic: 28375 Message: 28383

There is a surface mount fuse in line with the CAT output. When I blew mine by inadvertently shorting it out while checking it's output, I simply put a solder blob across it. Not Yaesu spec, but it works.

73,
Ken
KJ9B

-----Original Message-----
From: LittleJames311 [mailto:littlejames311@yahoo.com]
Sent: Monday, November 23, 2009 7:13 PM
To: FT897@yahoogroups.com
Subject: [FT897] Cat fuse?

Hello- I am new to this group and new to the ft-897- I have a problem with the cat port on my radio - i am using the at-897 tuner- and get no response/control through the port- i also cannot get the port to run hrd- but i did build the mic interface and hrd runs great-- is there a fuse i can put a meter on to check the voltage for the port?-- Im not sure if this have been covered yet- i searched and found other problems but not my specific one- any help would be great- thanks-- James- WA5DKW

28384. Re: SDR

Yahoo group: FT897 (2009)
Date: 2009-11-26 15:32:35 UTC
From: W1AEX
Topic: 28381 Message: 28384

WA1SOV's design offers some interesting enhancements over the simpler downconverter I built. You might want to contact him to see if he made up a batch of PCB's for that project. I just spoke with him yesterday and he is still soldering and experimenting like a madman.

I'd love to hear how the 897D works out as a front end for your project. There's plenty of IF energy at the filter point but choose your coupling cap with care. I think I ended up with 130pf, but a smaller value (50pf?) would probably be better as I could detect a slight drop in the 897D receiver when I selected that filter slot. Alternatively, a single transistor buffer would create enough isolation to prevent any loading of the 897D IF chain. Computer type header connectors will slide right over the 897D filter pins even though their spacing is slightly different.

Digi-Key was carrying the parts when I looked into it last winter, however, I have heard that the NE602 was being discontinued. Probably lots of them still out there though.

Good luck!

Rob W1AEX

--- In FT897@yahoogroups.com, John Randall <m0els@...> wrote:
>
> Ho Rob, Thanks for the info and pics. I am going to tackle this and will report back...hi
> I may go the other option and use the WA1SOV circuit diagram, using an ad607. But will see how easy it is to get the devices.
> Surface mount devices is not a problem....
>
> 73
> John

28385. Re: Cat fuse?

Yahoo group: FT897 (2009)
Date: 2009-11-26 16:23:52 UTC
From: LittleJames311
Topic: 28375 Message: 28385

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> There is a surface mount fuse in line with the CAT output. When I blew mine
> by inadvertently shorting it out while checking it's output, I simply put a
> solder blob across it. Not Yaesu spec, but it works.
>
> 73,
> Ken
> KJ9B
>
> -----Original Message-----
> From: LittleJames311 [mailto:littlejames311@...]
> Sent: Monday, November 23, 2009 7:13 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Cat fuse?
>
>
> Hello- I am new to this group and new to the ft-897- I have a problem with
> the cat port on my radio - i am using the at-897 tuner- and get no
> response/control through the port- i also cannot get the port to run hrd-
> but i did build the mic interface and hrd runs great-- is there a fuse i can
> put a meter on to check the voltage for the port?-- Im not sure if this have
> been covered yet- i searched and found other problems but not my specific
> one- any help would be great- thanks-- James- WA5DKW
>
Thanks for the reply- I looked through the schematics in the files section and found the fuse you where talking about a few days ago- the fuse was okay and putting out 13.8v to the port- i thought this would be the problem at first, but i was wrong--- I cannot think of anything else i can check on the port-- all the resistors are working as they should also -- i was thinking that somehow the tuner might have fed something back into the port and shorted something out- but i dont think that is possible-- i do have one of the w4rt one touch tuner adapters in line to the tuner-- has anyone had any bad experiences with that unit?-- thanks- James

28386. Re: S meter problem

Yahoo group: FT897 (2009)
Date: 2009-11-26 16:24:12 UTC
From: Steve Yates
Topic: 28374 Message: 28386

Possible you've turned the AGC off. Make sure that [AGC] (button B) is selected in Menu Funtion L.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "Risk" <risk_of_silk_and_steel@...> wrote:
>
> Hi guys,
>
> When I first purchased my rig, the S meter was working quite well.
>
> I think I have mucked around with a setting some where in the menu system as the S Meter never changes once I have adjusted the gain to where I want it.
>
> If I leave the RF gain dial where I want it. The S meter will give me a reading, but it doesnt change regardless of the signal received.
>
> I can have a QSO bellowing in but the S meter will remain exactly where I set it via the gain dial.
>
> Is there a setting I have played with by mistake ???
>
> VK2WAR
>

28387. RE: [FT897] Re: Cat fuse?

Yahoo group: FT897 (2009)
Date: 2009-11-26 16:44:06 UTC
From: Ken Bandy
Topic: 28375 Message: 28387

One thing to check is whether the CAT plug is actually mating with the receptacle on the radio. This is a common problem with this radio. Since the receptacle is recessed, and there's not a whole lot of clearance, you may have to "shave" the boot of your plug. I had to do this on my rig.

Ken
KJ9B

-----Original Message-----
From: LittleJames311 [mailto:littlejames311@yahoo.com]
Sent: Thursday, November 26, 2009 11:24 AM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Cat fuse?

--- In FT897@yahoogroups.com, "Ken Bandy" <kj9b@...> wrote:
>
> There is a surface mount fuse in line with the CAT output. When I blew mine
> by inadvertently shorting it out while checking it's output, I simply put a
> solder blob across it. Not Yaesu spec, but it works.
>
> 73,
> Ken
> KJ9B
>
> -----Original Message-----
> From: LittleJames311 [mailto:littlejames311@...]
> Sent: Monday, November 23, 2009 7:13 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Cat fuse?
>
>
> Hello- I am new to this group and new to the ft-897- I have a problem with
> the cat port on my radio - i am using the at-897 tuner- and get no
> response/control through the port- i also cannot get the port to run hrd-
> but i did build the mic interface and hrd runs great-- is there a fuse i can
> put a meter on to check the voltage for the port?-- Im not sure if this have
> been covered yet- i searched and found other problems but not my specific
> one- any help would be great- thanks-- James- WA5DKW
>
Thanks for the reply- I looked through the schematics in the files section and found the fuse you where talking about a few days ago- the fuse was okay and putting out 13.8v to the port- i thought this would be the problem at

first, but i was wrong--- I cannot think of anything else i can check on the port-- all the resistors are working as they should also -- i was thinking that somehow the tuner might have fed something back into the port and shorted something out- but i dont think that is possible-- i do have one of the w4rt one touch tuner adapters in line to the tuner-- has anyone had any bad experiences with that unit?-- thanks- James

28388. Mobile mounting question\ ANSWER

Yahoo group: FT897 (2009)
Date: 2009-11-26 17:27:38 UTC
From: Bernard Brownstein
Topic: 28388 Message: 28388

*I have mounted both the 857d and the 8900 in my SUV. They each have the separation kit.
At HRO I bought a Lido goose neck mount which clamps under a bolt of the front seat. I cut a piece of plywood 7" X 7" X 3/8 thick. Sprayed it black to match interior. Attached both separation mounts to the board. Mounted the whole unit to the goose neck.
The top of the goose neck has azimuth and elevation capabilities
It works just fine and all controls are at my finger tips.

Bernie, WB2YOK
*

[Non-text portions of this message have been removed]

28389. Re: [FT897] CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-26 17:41:26 UTC
From: Finnigann
Topic: 28380 Message: 28389

On Thu, 26 Nov 2009 07:12:09 -0500, bragucci <bragucci@...> wrote:

> First- Happy Holidays!
> Now, my question. I want to try data mode operation, such as PSK31. I
> also downloaded the Ham Radio Deluxe software. What cable will I need
> to use HRD and PSK31? Is it the same cable for both? Two different
> cables? Where would it plug into the back of the radio? The same place
> for both HRD and PSK31 or a different place for each function. I've used
> a Kenwood TS820 for years and this new high tech radio stumps me at
> times. But on another note it is a nice radio. It really does it all.
> In fact I told my wife if this radio could be programmed to cook dinner
> she'd be out the door.
> Thx to all
>
> Bart
>

CT-62 and CT-39 are mentioned on page 3 as optional cables.

The cable ct-62 is mentioned on pg 63 in more detail.

Both cables are handy to have if you have a computer nearby. My CT-62 has
the older serial connector and the CT-39 has a Universal Serial connector
(USB).

The CT-62 is used to transfer data to and from the radio/computer. The
CT-39 came with the radio programming software. It's a spreadsheet program
that reads and writes to your radio's memory.

The CT-62 is used by all computer programs that access the radio (Digipan
HRD etc).

Why a second cable is needed, I dunno.

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28390. Re: [FT897] CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-26 18:01:54 UTC
From: Bart Ragucci
Topic: 28380 Message: 28390

Thanks for answering. So, if I buy the one cable, CT-39 as my laptop has a USB port, this cable is all I will need to connect the radio to HRD and do data like PSK31 ? Or will I need a data controller like Signal link or Rigblaster? I'd appreciate the help on this as my experience is with tube radios from days gone by and this new technology is tuff on us seniors :)

Thx
Bart
----- Original Message -----
From: "Finnigann" <finnigann2580@...>
To: <FT897@yahoogroups.com>
Sent: Thursday, November 26, 2009 12:41 PM
Subject: Re: [FT897] CABLE

> On Thu, 26 Nov 2009 07:12:09 -0500, bragucci <bragucci@...> wrote:
>
>> First- Happy Holidays!
>> Now, my question. I want to try data mode operation, such as PSK31. I
>> also downloaded the Ham Radio Deluxe software. What cable will I need
>> to use HRD and PSK31? Is it the same cable for both? Two different
>> cables? Where would it plug into the back of the radio? The same place
>> for both HRD and PSK31 or a different place for each function. I've used
>> a Kenwood TS820 for years and this new high tech radio stumps me at
>> times. But on another note it is a nice radio. It really does it all.
>> In fact I told my wife if this radio could be programmed to cook dinner
>> she'd be out the door.
>> Thx to all
>>
>> Bart
>>
>
> CT-62 and CT-39 are mentioned on page 3 as optional cables.
>
> The cable ct-62 is mentioned on pg 63 in more detail.
>
> Both cables are handy to have if you have a computer nearby. My CT-62 has
> the older serial connector and the CT-39 has a Universal Serial connector
> (USB).
>
> The CT-62 is used to transfer data to and from the radio/computer. The
> CT-39 came with the radio programming software. It's a spreadsheet program
> that reads and writes to your radio's memory.
>
> The CT-62 is used by all computer programs that access the radio (Digipan
> HRD etc).

>
> Why a second cable is needed, I dunno.
>
> --
>
> 73'S
> DE KC8UGV
>
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> Yahoo! Groups Links
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Version: 9.0.709 / Virus Database: 270.14.83/2528 - Release Date: 11/26/09
04:10:00

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Checked by AVG - www.avg.com
Version: 9.0.709 / Virus Database: 270.14.83/2528 - Release Date: 11/26/09 04:10:00

[Non-text portions of this message have been removed]

28391. RE: [FT897] Mobile mounting question\ ANSWER

Yahoo group: FT897 (2009)
Date: 2009-11-26 18:04:21 UTC
From: D. F.
Topic: 28388 Message: 28391

But he is referring to the 897 - NOT the 857 - two different monsters.
It is *possible* to home-brew a separation kit, but I know of none
available commercially.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
Bernard Brownstein
Sent: Thursday, November 26, 2009 11:28
To: FT897@yahoogroups.com
Subject: [FT897] Mobile mounting question\ ANSWER

*I have mounted both the 857d and the 8900 in my SUV. They each have the
separation kit.
At HRO I bought a Lido goose neck mount which clamps under a bolt of the
front seat. I cut a piece of plywood 7" X 7" X 3/8 thick. Sprayed it
black
to match interior. Attached both separation mounts to the board. Mounted
the
whole unit to the goose neck.
The top of the goose neck has azimuth and elevation capabilities
It works just fine and all controls are at my finger tips.

Bernie, WB2YOK
*

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28392. Re: [FT897] CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-26 22:13:48 UTC
From: Finnigann
Topic: 28380 Message: 28392

On Thu, 26 Nov 2009 13:01:54 -0500, Bart Ragucci <bragucci@...>
wrote:

> Thanks for answering. So, if I buy the one cable, CT-39 as my laptop
> has a
> USB port, this cable is all I will need to connect the radio to HRD and
> do
> data like PSK31 ? Or will I need a data controller like Signal link or
> Rigblaster? I'd appreciate the help on this as my experience is with
> tube
> radios from days gone by and this new technology is tuff on us seniors :)
>
> Thx
> Bart

You'll get a better, clearer picture of what's going on from the manual.

However the sad truth is you'll need the more expensive cable for those
operations.

The CT39 cable has only one purpose I know of. It access the memory(data).

For what you are talking about, the CT-62. Although there maybe a USB
version. I've looked for the beast but no luck.

> ----- Original Message -----
> From: "Finnigann" <finnigann2580@...>
> To: <FT897@yahoogroups.com>
> Sent: Thursday, November 26, 2009 12:41 PM
> Subject: Re: [FT897] CABLE
>
>
>> On Thu, 26 Nov 2009 07:12:09 -0500, bragucci <bragucci@...>
>> wrote:
>>
>>> First- Happy Holidays!
>>> Now, my question. I want to try data mode operation, such as PSK31. I
>>> also downloaded the Ham Radio Deluxe software. What cable will I need
>>> to use HRD and PSK31? Is it the same cable for both? Two different
>>> cables? Where would it plug into the back of the radio? The same place
>>> for both HRD and PSK31 or a different place for each function. I've
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>>> a Kenwood TS820 for years and this new high tech radio stumps me at
>>> times. But on another note it is a nice radio. It really does it all.
>>> In fact I told my wife if this radio could be programmed to cook dinner
>>> she'd be out the door.

>>> Thx to all
>>>
>>> Bart
>>>
>>
>> CT-62 and CT-39 are mentioned on page 3 as optional cables.
>>
>> The cable ct-62 is mentioned on pg 63 in more detail.
>>
>> Both cables are handy to have if you have a computer nearby. My CT-62
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>> the older serial connector and the CT-39 has a Universal Serial
>> connector
>> (USB).
>>
>> The CT-62 is used to transfer data to and from the radio/computer. The
>> CT-39 came with the radio programming software. It's a spreadsheet
>> program
>> that reads and writes to your radio's memory.
>>
>> The CT-62 is used by all computer programs that access the radio
>> (Digipan
>> HRD etc).
>>
>> Why a second cable is needed, I dunno.
>>
>> --
>>
>> 73'S
>> DE KC8UGV
>>
>> Remembering our Vets - Then and Now
>>
>> HTTP://www.tinyurl.com/bcarc12
>> http://my.opera.com/Finnigann/blog
>> http://community.webshots.com/user/finnigann
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>> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.709 / Virus Database: 270.14.83/2528 - Release Date:
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> 04:10:00
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>
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> [Non-text portions of this message have been removed]
>

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73'S
DE KC8UGV

Remembering our Vets - Then and Now

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http://community.webshots.com/user/finnigann

28393. Re: [FT897] CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-26 20:01:18 UTC
From: Axel Behrens
Topic: 28380 Message: 28393

Dear Bart,

I also use the FT 897D with a laptop and HRD for PSK31. You will need the mentioned cable (CT-39 or CT-62) for controlling the rig (called CAT). This will let HRD control the frequency and settings. Which is nice if you want to use the built-in log for example. Secondly, you will need to connect the soundcard of your PC with the TX. I use a selfmade cable, which connects the mic/ear from the soundcard to the DATA port of the TX. This way you can keep the mike connected and during PSK you can turn the volume of the speaker down. This is a very cheap version but please keep in mind, that you do not have a galvanic isolation of PC and TX, which might cause some problems. For me it works fine - but a SignaLink interface is on my wish list for x-mas. :-)

You can find the details for the pin connections in the file section/handbook or contact me, I have some info/pictures of my cable.

Hope to work you soon in PSK31
73
Axel
DG2AB

From: Bart Ragucci <bragucci@...>
To: FT897@yahoogroups.com
Sent: Thu, November 26, 2009 7:01:54 PM
Subject: Re: [FT897] CABLE

Thanks for answering. So, if I buy the one cable, CT-39 as my laptop has a USB port, this cable is all I will need to connect the radio to HRD and do data like PSK31 ? Or will I need a data controller like Signal link or Rigblaster? I'd appreciate the help on this as my experience is with tube radios from days gone by and this new technology is tuff on us seniors :)

Thx
Bart
----- Original Message -----
From: "Finnigann" <finnigann2580@ gmail.com>
To: <FT897@yahoogroups. com>
Sent: Thursday, November 26, 2009 12:41 PM
Subject: Re: [FT897] CABLE

> On Thu, 26 Nov 2009 07:12:09 -0500, bragucci <bragucci@verizon. net> wrote:
>
>> First- Happy Holidays!
>> Now, my question. I want to try data mode operation, such as PSK31. I
>> also downloaded the Ham Radio Deluxe software. What cable will I need
>> to use HRD and PSK31? Is it the same cable for both? Two different
>> cables? Where would it plug into the back of the radio? The same place

>> for both HRD and PSK31 or a different place for each function. I've used
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>> times. But on another note it is a nice radio. It really does it all.
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>> Thx to all
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>> Bart
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28394. 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 01:51:36 UTC
From: Finnigann
Topic: 28394 Message: 28394

Does anyone know of a way to switch on a light when I pick the microphone out of the mic holder?

I was thinking of a switch/mic hanger combo but a search with google doesn't turn up anything.

--
73'S DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

[Non-text portions of this message have been removed]

28395. Re: [FT897] 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 02:54:33 UTC
From: Damien Gardner Jnr
Topic: 28394 Message: 28395

On 27/11/2009, at 12:51 PM, Finnigann wrote:

> Does anyone know of a way to switch on a light when I pick the
> microphone
> out of the mic holder?
>
> I was thinking of a switch/mic hanger combo but a search with google
> doesn't turn up anything.

It should be fairly trivial to mod a mic hanger to have a microswitch mounted behind it? mounted on a block of wood with a recessed hole cut to mount the microswitch in.. - might take a bit of fiddling, but it should work ok :)

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28396. RE: [FT897] 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 02:55:39 UTC
From: eric@van-de-weyer.org
Topic: 28394 Message: 28396

Hi James,

I assume that you mean a light at the operating position or similar.

You could install a reed switch on the microphone hanger and a magnet inside the microphone so that when the mic is on the hanger it operates the reed switch. Then, when you take the mic off, the reed switch changes state and the light comes on.

It is possible to get reed switched which are normally closed and switch to open when the magnet is bought into proximity. The more common ones are normally open. There are also SPDT around too.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: Finnigann <finnigann2580@...>
>Date: Thu, 26 Nov 2009 20:51:36 -0500
>Subject: [FT897] 'On the AIR' light
>Reply-To: FT897@yahoogroups.com
>
>
>Does anyone know of a way to switch on a light when I pick the microphone
>
>out of the mic holder?
>
>I was thinking of a switch/mic hanger combo but a search with google
>doesn't turn up anything.
>
>
>--
> 73'S DE KC8UGV
>
>Remembering our Vets - Then and Now
>
>HTTP://www.tinyurl.com/bcarc12
>http://my.opera.com/Finnigann/blog
>http://community.webshots.com/user/finnigann
>
>[Non-text portions of this message have been removed]
>
>
>
>-----------------------------------
>

>Yahoo! Groups Links
>
>
>

28397. Re: [FT897] CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-27 03:02:37 UTC
From: Leon Robinson
Topic: 28380 Message: 28397

Bart,

I hope you can cook.

Leon K5JLR

Political Correctness is a Political Disease. K5JLR

--- On Thu, 11/26/09, bragucci <bragucci@...> wrote:

From: bragucci <bragucci@...>
Subject: [FT897] CABLE
To: FT897@yahoogroups.com
Date: Thursday, November 26, 2009, 6:12 AM

First- Happy Holidays!

Now, my question. I want to try data mode operation, such as PSK31. I also downloaded the Ham Radio Deluxe software. What cable will I need to use HRD and PSK31? Is it the same cable for both? Two different cables? Where would it plug into the back of the radio? The same place for both HRD and PSK31 or a different place for each function. I've used a Kenwood TS820 for years and this new high tech radio stumps me at times. But on another note it is a nice radio. It really does it all. In fact I told my wife if this radio could be programmed to cook dinner she'd be out the door.

Thx to all

Bart

[Non-text portions of this message have been removed]

28398. Re: [FT897] 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 03:14:35 UTC
From: Finnigann
Topic: 28394 Message: 28398

On Thu, 26 Nov 2009 21:54:33 -0500, Damien Gardner Jnr
<rendrag@...> wrote:

> On 27/11/2009, at 12:51 PM, Finnigann wrote:
>
>> Does anyone know of a way to switch on a light when I pick the
>> microphone
>> out of the mic holder?
>>
>> I was thinking of a switch/mic hanger combo but a search with google
>> doesn't turn up anything.
>
> It should be fairly trivial to mod a mic hanger to have a microswitch
> mounted behind it? mounted on a block of wood with a recessed hole
> cut to mount the microswitch in.. - might take a bit of fiddling, but
> it should work ok :)
>

And how much would you charge? j/k

Know of a source for micro switches?

Yeah, it's easy to design something in my head. I was hoping someone had
already done it and was selling something I could use.

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28399. Re: [FT897] 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 03:23:42 UTC
From: Damien Gardner Jnr
Topic: 28394 Message: 28399

On 27/11/2009, at 2:14 PM, Finnigann wrote:
> And how much would you charge? j/k
grin I couldn't be buggered ;)

> Know of a source for micro switches?

Wow, that's a really good question - I actually haven't seen them in a cattledog in ages! I'd guess farnell would have to have them though?? I just grab em out of one of my parts bins (many many years of stripped down printers and the like, from wanting to build a robot when I was younger... yeah that didn't happen.. :))

> Yeah, it's easy to design something in my head. I was hoping someone
> had
> already done it and was selling something I could use.

grin yeah I know that feeling! I finally un-boxed my ham gear (except for my kenwood APRS handheld, everything had been boxed since a house move in 2003!) about 9 months ago.. I think I've actually sat down in the shack five nights in that time :(

-_DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28400. Re: [FT897] 'On the AIR' light

Yahoo group: FT897 (2009)
Date: 2009-11-27 03:25:13 UTC
From: DALE BLANCHARD
Topic: 28394 Message: 28400

----- Original Message -----
From: "Finnigann" <finnigann2580@...>
To: FT897@yahoogroups.com
Sent: Thursday, November 26, 2009 7:14:35 PM GMT -08:00 US/Canada Pacific
Subject: Re: [FT897] 'On the AIR' light

On Thu, 26 Nov 2009 21:54:33 -0500, Damien Gardner Jnr
<rendrag@...> wrote:

> On 27/11/2009, at 12:51 PM, Finnigann wrote:
>
>> Does anyone know of a way to switch on a light when I pick the
>> microphone
>> out of the mic holder?
>
Some older Motorola commercial radios had a mike holder with a built in switch.
A Motorola dealer may have one.
Later radios used the mike button as the switch. It was used to switch the radio to listen before you talk mode when picking up the mike.
Dale

28401. Re:CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-27 13:13:59 UTC
From: Jon Perelstein
Topic: 28380 Message: 28401

I'm confused by the answers you've gotten so far. They are not at all consistent with what I'm doing and I use my FT-897 for both PSK31 and VHF packet. I have to admit that I don't do radio control via HRD or any other software (i.e., I manually tune my radio).

First of all, digital modes (PSK, RTTY, packet, etc.) all involve the same thing -- modulating a carrier with sounds that represent the digital bits. There are two basic methods used -- phase shift key (e.g., PSK) and Frequency Shift Keying (used in packet for example).

In order to do that, you need an interface between the radio and the computer that can MODulate/DEMomdulate (translate digital bits into sounds and translate sounds into digital bits). In case that phrase MODulate/DEModulate looks familiar, it's because what we're talking about is a MODEM. Unfortunately, we can't use the modems that are already on our computers because we also have to provide some radio control in the form of triggering the radio to transmit when we're sending (i.e., the ability to trigger the push-to-talk function). In addition, if you're doing packet (such as WinLink), your modem also has to provide a Packet Assember/Disassembler (PAD).

The FT-897 has a DATA jack in the back of the radio, next to the CAT jack. You will use the DATA jack for digital. That jack provides lines for input/output of either a 1200 baud or 9600 baud signal coming from the modem plus a line for the push-to-talk function). The CAT jack does not provide for the input/output and is not the jack you need for digital.

Broadly speaking, you have two basic choices for the interface between the radio and the computer:

1. A TNC such as the classic Kantronics or newer TNCs such as the TNC-X. The difference between them is cost (TNC-X is about 1/3 the cost of a low-end Kantronics) and what capabilities they provide in addition to the MODEM, PTT control, and PAD (the Kantronics provide host services such as bulletin boards as well as the ability to interface with multiple radios at the same time).

2. A sound card-based interface such as the RIGblaster or SignaLink. They differ from a TNC in that they use the computer's sound card for the MODEM functionality (a computer sound card is a form of modem since it translates sounds into digital bits and vice versa). The lower end RIGblasters and the SignaLink generally run about 1/2 or 1/3 the cost of a Kantronics. Generally speaking, you need a reasonably modern, reasonably fast Windows computer. Practically speaking, pretty much any Windows computer with a good sound card purchased after about 2001 should do the trick. I don't offhand know if RIGblasters, etc. work with Macintosh or Linux computers.

The choice of which type of interface is up to you. Either one works well with DM780, which is the piece of HRD that provides access to the digital modes. I personally have a RIGblaster Plug&Play, which costs about $100 from HRO or AES (or direct from West Mountain Radio, the manufacturer). The nice thing about the Plug&Play is that it comes with an output cable pre-configured for the FT-897's data jack -- you don't have to solder anything and you don't have to buy a Yaesu cable. After installing some software (from the CD that West Mountain Radio supplies), you simply plug the USB on the RIGblaster into the USB port on the computer, plug the two audio cables into the computer sound card's MIC in and SPKR out jacks, plug the other end into the data jack on the FT-897 and you're in business from a hardware/interface point of view.

You will have to configure DM780 to tell it what COM port you're using which you would have to do under any circumstance.

You will also have to configure your radio. Use menu setting 38 to specify whether you're doing PSK upper sideband, PSK lower sideband, RTTY upper sideband, RTTY lower sideband, or some other digital mode. Most people use PSK upper sideband, and certain variations of PSK require upper sideband. You then set your mode to digital and away you go. My very first QSO on PSK-31 was Connecticut to Tasmania on 5 watts. I just submitted for WAS on PSK-31 and I have over 60 countries. CT to Eastern Europe on 40 meters with 20 watts is an everyday ho-hum event, and I'm only running a dipole that's about 35' high.

I did a presentation to my club about packet and EMCOMM, but you may find it interesting for what it says about interfacing radios to computers for digital modes. The presentation is at

http://www.ctsara.org/VHF_Packet_Radio1.pdf

Hope to see you on the waterfall.

Jon, KB1QBZ

[Non-text portions of this message have been removed]

28402. RE: [FT897] Re:CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-27 14:09:45 UTC
From: Ted Wrobel
Topic: 28380 Message: 28402

Jon,

Thanks for the clear and comcise info. Just getting started on HF digital and I was confused about how / if it was different than the VHF stuff. In particular I was wondering if my TNC-X would work with the HF modes.

Great presentation too. Can I use if for our local EMCOMM training?

73
Ted
W1GRI

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Jon Perelstein
Sent: Friday, November 27, 2009 08:14
To: FT897@yahoogroups.com
Subject: [FT897] Re:CABLE

I'm confused by the answers you've gotten so far. They are not at all consistent with what I'm doing and I use my FT-897 for both PSK31 and VHF packet. I have to admit that I don't do radio control via HRD or any other software (i.e., I manually tune my radio).

First of all, digital modes (PSK, RTTY, packet, etc.) all involve the same thing -- modulating a carrier with sounds that represent the digital bits. There are two basic methods used -- phase shift key (e.g., PSK) and Frequency Shift Keying (used in packet for example).

In order to do that, you need an interface between the radio and the computer that can MODulate/DEMomdulate (translate digital bits into sounds and translate sounds into digital bits). In case that phrase MODulate/DEModulate looks familiar, it's because what we're talking about is a MODEM. Unfortunately, we can't use the modems that are already on our computers because we also have to provide some radio control in the form of triggering the radio to transmit when we're sending (i.e., the ability to trigger the push-to-talk function). In addition, if you're doing packet (such as WinLink), your modem also has to provide a Packet Assember/Disassembler (PAD).

The FT-897 has a DATA jack in the back of the radio, next to the CAT jack. You will use the DATA jack for digital. That jack provides lines for input/output of either a 1200 baud or 9600 baud signal coming from the modem plus a line for the push-to-talk function). The CAT jack does not provide for the input/output and is not the jack you need for digital.

Broadly speaking, you have two basic choices for the interface between the radio and the computer:

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2. A sound card-based interface such as the RIGblaster or SignaLink. They differ from a TNC in that they use the computer's sound card for the MODEM functionality (a computer sound card is a form of modem since it translates sounds into digital bits and vice versa). The lower end RIGblasters and the SignaLink generally run about 1/2 or 1/3 the cost of a Kantronics. Generally speaking, you need a reasonably modern, reasonably fast Windows computer. Practically speaking, pretty much any Windows computer with a good sound card purchased after about 2001 should do the trick. I don't offhand know if RIGblasters, etc. work with Macintosh or Linux computers.

The choice of which type of interface is up to you. Either one works well with DM780, which is the piece of HRD that provides access to the digital modes. I personally have a RIGblaster Plug&Play, which costs about $100 from HRO or AES (or direct from West Mountain Radio, the manufacturer). The nice thing about the Plug&Play is that it comes with an output cable pre-configured for the FT-897's data jack -- you don't have to solder anything and you don't have to buy a Yaesu cable. After installing some software (from the CD that West Mountain Radio supplies), you simply plug the USB on the RIGblaster into the USB port on the computer, plug the two audio cables into the computer sound card's MIC in and SPKR out jacks, plug the other end into the data jack on the FT-897 and you're in business from a hardware/interface point of view.

You will have to configure DM780 to tell it what COM port you're using which you would have to do under any circumstance.

You will also have to configure your radio. Use menu setting 38 to specify whether you're doing PSK upper sideband, PSK lower sideband, RTTY upper sideband, RTTY lower sideband, or some other digital mode. Most people use PSK upper sideband, and certain variations of PSK require upper sideband. You then set your mode to digital and away you go. My very first QSO on PSK-31 was Connecticut to Tasmania on 5 watts. I just submitted for WAS on PSK-31 and I have over 60 countries. CT to Eastern Europe on 40 meters with 20 watts is an everyday ho-hum event, and I'm only running a dipole that's about 35' high.

I did a presentation to my club about packet and EMCOMM, but you may find it interesting for what it says about interfacing radios to computers for digital modes. The presentation is at

http://www.ctsara. <http://www.ctsara.org/VHF_Packet_Radio1.pdf>
org/VHF_Packet_Radio1.pdf

Hope to see you on the waterfall.

Jon, KB1QBZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28403. Re:CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-27 14:44:51 UTC
From: JonP
Topic: 28380 Message: 28403

Thank you for the kind words.

The TNC-X is intended to work on both HF and VHF/UHF digital modes. I have not personally tested it, but I know of at least two hams who use the TNC-X successfully on HF as well as VHF/UHF.

In general, a TNC or sound card interface that works on HF will work on VHF/UHF and vice versa (at least I've never heard of any that work on one or not the other). There is nothing in the TNC or sound card interface that knows what frequency the radio will be tuned to.

There is an issue with PACTOR software because it's mostly written for Linux, but that's not a function of the interface hardware, only a function of the software. As I understand it, the PACTOR stuff is targeted at Linux because Windows has too much overhead to be effective with PACTOR.

You may use the presentation for your local EMCOMM training as long as you retain the copyright on each page and retain the front cover with the reference to the Stamford Amateur Radio Association.

Jon
KB1QBZ

--- In FT897@yahoogroups.com, "Ted Wrobel" <twrobel@...> wrote:
>
> Jon,
>
> Thanks for the clear and comcise info. Just getting started on HF digital
> and I was confused about how / if it was different than the VHF stuff. In
> particular I was wondering if my TNC-X would work with the HF modes.
>
> Great presentation too. Can I use if for our local EMCOMM training?
>
> 73
> Ted
> W1GRI
>

28405. Re:CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-27 19:34:41 UTC
From: Tim Seeley
Topic: 28380 Message: 28405

you don't need to buy the cable, I used an old PS2 keyboard cable, (you can buy them, but cheaper just to find an old keyboard) and put two jacks on correct pins, you will need an ohm meter to find the correct pins, (wiring diagram for the radio end is in the manual) and plug into your mic and head phone jacks, set up digital VOX on the radio to key. you will need to adjust your audio levels on your laptop and your good to go. I use this quit often without any problems. As a option, you can get two audio isolation transformers (about $4 at radio shack) to isolate the audio from the PC.

73,
Tim
kc0ujm

[Non-text portions of this message have been removed]

28406. Re: [FT897] On off Problem

Yahoo group: FT897 (2009)
Date: 2009-11-28 05:44:23 UTC
From: Charles Mintoff
Topic: 28377 Message: 28406

Well when it was new why did you not replace it under the guarnantee

On Tue, Nov 24, 2009 at 11:22 PM, Max <jumpmedic@...> wrote:

>
>
> My FT897 works fine as long as it is turned on. When you turn the radio
> off, the radio "Will Not" turn back on. I have to wait 10 minutes for the
> radio to be able to turn back on. It has had this problem since I had it
> new. The radio is several years old.
>
> Any suggestions.
>
> Max/KS4QF
>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

28407. Re: [FT897] Split mode packet operation for satellite?

Yahoo group: FT897 (2009)
Date: 2009-11-28 13:19:28 UTC
From: Keith
Topic: 28407 Message: 28407

On Fri, 27 Nov 2009 17:45:48 -0000, "Jim in Downers Grove"
<KC9AOP@AMERITECH.NET> wrote:

>I've just discovered the ISS is out there (hi hi) and decided to go satellite. I caught a downlink of a packet stream and decided to catch the bird on it's return. I set up VFO a/b for the proper frequencies and chose packet as the mode.
>
>I was all set on VFO a to receive. When I transmitted via my TNC and terminal program the radio did not switch to the b VFO. I set up a memory (properly) for split operation and tried that to no avail. If I key the mic it splits but the data cable does not do it.
>
>I did try to change the mode to FM in VFO split and it did not work with the TNC either. Of course if I keyed the mic it worked.
>
>Anyone know of a way to do split mode packet via the data cable? I'm running very old OLD TNC software and there is no option there that I can find to do anything with split frequency operation.
>
>Any suggestions are welcome.
>
>'73
>
>Jim - KC9AOP

I've never done it but can you set the repeater offset to something else
in the VFO or memory channels?

145.80 Receive
144.80 1 MHz down transmit

It should be set in menu # 76.

28408. Re: [FT897] Split mode packet operation for satellite?

Yahoo group: FT897 (2009)
Date: 2009-11-28 16:31:58 UTC
From: Leon Singh
Topic: 28407 Message: 28408

Take a look at this write up on working satellites with different radios...
http://eb4dka.laserenadigital.com/Amateur%20Satellite%20Articles/Sat%20radios.pdf

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/

I am able to do all things through Christ who strengthens me .

[Non-text portions of this message have been removed]

28409. Re:CABLE

Yahoo group: FT897 (2009)
Date: 2009-11-28 16:38:16 UTC
From: Tim Seeley
Topic: 28380 Message: 28409

I don't know why everyone keeps thinking you need to buy a TNC or a sound card interface to get on the digital modes. yes they make it easier, but if your just starting out you don't "need" them to do it, just a simple cable most Ham radio users can make for just a few $$$. Most modern radio software has a sound board interface option that lets the computer do all the tnc function by just interfacing with audio interfaces on your radio. The data connector on the 857 and 897 are no more than an audio in and out. The connector is a PS2 type connector, (same as used on a ps2 type keyboard) In the cases where you need a TNC, you can download the AGW Packet Engine software which is a software type TNC. http://www.sv2agw.com/downloads/default.htm Nice thing with AGWPE is that your can set it up to "share" your TNC via TCP/IP and it allows you to use each audio channel (stereo) as a separate TNC so you can run APRS on one radio, while you run PSK31 on your HF rig. I have done every Digital mode at one time or another, I am on PSK31 frequently, have even setup APRS with my laptop hooked to my GPS, running mobile while on Vacation all off a simple cable I made. If any body wants more info, please fill free to send me an email.

73
Tim
kc0ujm

[Non-text portions of this message have been removed]

28410. Re: [FT897] On off Problem

Yahoo group: FT897 (2009)
Date: 2009-11-28 21:08:25 UTC
From: Max Williams
Topic: 28377 Message: 28410

When I got the FT987, I got sent out of the country by my job, when I got back, the radio had went out of warranty. My lost. Thanks anyway for the reply.

--- On Fri, 11/27/09, Charles Mintoff <charles.mintoff@gmail.com> wrote:

From: Charles Mintoff <charles.mintoff@...>
Subject: Re: [FT897] On off Problem
To: FT897@yahoogroups.com
Date: Friday, November 27, 2009, 11:44 PM

Well when it was new why did you not replace it under the guarnantee

On Tue, Nov 24, 2009 at 11:22 PM, Max <jumpmedic@...> wrote:

>
>
> My FT897 works fine as long as it is turned on. When you turn the radio
> off, the radio "Will Not" turn back on. I have to wait 10 minutes for the
> radio to be able to turn back on. It has had this problem since I had it
> new. The radio is several years old.
>
> Any suggestions.
>
> Max/KS4QF
>
>
>

--
Regards
Charlie 9H4CM

Fight back spam! Download the Blue Frog.
http://www.bluesecurity.com/register/s?user=Y2hhcmxpZW1pbnRvZmY%3D

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

28411. CT-62 Cat Cable

Yahoo group: FT897 (2009)
Date: 2009-11-28 21:52:35 UTC
From: Richard Head, KDØGDV
Topic: 28411 Message: 28411

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406.html

Valley Enterprises is the place I've used. Price is right, works like a champ.
 Richard Head
KDØGDV

[Non-text portions of this message have been removed]

28412. RE: [FT897] CT-62 Cat Cable

Yahoo group: FT897 (2009)
Date: 2009-11-29 01:58:20 UTC
From: Matt Patterson
Topic: 28411 Message: 28412

FYI The cable from Valley Enterprises is a little short so if your computer is not close to your radio you may also need to get a USB extension cable.

73 Matt

W5LL

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Richard Head, KDØGDV
Sent: Saturday, November 28, 2009 3:53 PM
To: FT897@yahoogroups.com
Subject: [FT897] CT-62 Cat Cable

http://valley-ent.com/catalog/yaesu-ct62-cable-ft100-ft817-ft857-ft897-p-406.html

Valley Enterprises is the place I've used. Price is right, works like a champ.
Richard Head
KDØGDV

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28413. FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-28 15:36:07 UTC
From: MM Ali
Topic: 8844 Message: 28413

Dears,

Just acquired a spanking new FT-897. A question:

is it better to have a power supply

or

to operate on a 12 V battery with float charger.

Any information welcome.

Best Regards

MM Ali/vu2ali

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

28414. I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-28 19:44:38 UTC
From: kj4glk
Topic: 28414 Message: 28414

I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.

I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.

I have searched for 8 pin mini din hubs without success.

I'm sure that there are some members here who have solved this problem.

Thanks,
Kevin, KJ4GLK

28415. FT 897D - Cables

Yahoo group: FT897 (2009)
Date: 2009-11-28 15:43:27 UTC
From: MM Ali
Topic: 28415 Message: 28415

Dears,

Appreciate any help on obtaining cables for CAT & DATA for FT 897. Commercial or Home brew.

Best Regards

MM Ali/vu2ali

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

28416. dsp bandpass filter

Yahoo group: FT897 (2009)
Date: 2009-11-28 20:58:32 UTC
From: MichaelS
Topic: 28416 Message: 28416

Hi all,

I have the original 897 not D model.

I find the manual is confusing on how to set up and get most out of DSP.

Any cheat sheets available?

Any suggetions?

Appreciate any feedback.

Thanks.

Mike

WA1KSN

28417. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 02:49:52 UTC
From: Gary Altig
Topic: 8844 Message: 28417

DE N7UVL,
If funds are limited and a 13.8VDC 25/30 Amp supply is already on hand,
you could go that route for now. "Float" charger implies "trickle"?
-Although it adds weight and cost, the FP-30 internal supply works
great and still allows external 12V(13.8) for portable operation for
full output power. (internal battery supply does not allow that)/ga

----- Original Message -----
From: MM Ali<mailto:prof.tele@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Saturday, November 28, 2009 7:36 AM
Subject: [FT897] FT 897

Dears,

Just acquired a spanking new FT-897. A question:

is it better to have a power supply

or

to operate on a 12 V battery with float charger.

Any information welcome.

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MM Ali/vu2ali

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The message was checked by ESET NOD32 Antivirus.

http://www.eset.com<http://www.eset.com/>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28418. Re: [FT897] I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 04:43:29 UTC
From: Finnigann
Topic: 28414 Message: 28418

On Sat, 28 Nov 2009 14:44:38 -0500, kj4glk <kj4glk@...> wrote:

> I have an amplifier connected to the CAT/LINEAR jack on the back of the
> 897. Now I want to connect the computer to the radio too.
>
> I don't want to choose between using the amplifier or having the logger
> tied in to the radio. I want both.
>
> I have searched for 8 pin mini din hubs without success.
>
> I'm sure that there are some members here who have solved this problem.
>
> Thanks,
> Kevin, KJ4GLK
>

Why not use the mic jack? I think there is a menu that selects it's
function Ah... #59 NOR/RMT/CAT

Try dat!

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28419. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 04:49:41 UTC
From: Finnigann
Topic: 8844 Message: 28419

On Sat, 28 Nov 2009 10:36:07 -0500, MM Ali <prof.tele@...> wrote:

> Dears,
>
> Just acquired a spanking new FT-897. A question:
>
> is it better to have a power supply
>
> or
>
>
> to operate on a 12 V battery with float charger.
>
> Any information welcome.
>

Depends if you want to use more than 20 watts to transmit.

--

73'S
DE KC8UGV

Remembering our Vets - Then and Now

HTTP://www.tinyurl.com/bcarc12
http://my.opera.com/Finnigann/blog
http://community.webshots.com/user/finnigann

28420. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 05:33:37 UTC
From: Larry D. Barr, K5WLF
Topic: 8844 Message: 28420

I don't think he's referring to the internal battery packs, which do impose a 20 watt power limit. I think he means an external battery.

I have 2 X FT-897D and run them, along with the rest of my gear, off a pair of 100 Ah SLA batteries, charged by a 45A linear PS through a West Mountain Radio SuperPWRGate 40S. They run off the supply until the grid fails and them seamlessly revert to battery operation.

I've had several grid failures during severe WX and the system has worked flawlessly every time. I believe that this is the most reliable way to power a station. The 40S acts as a transfer switch, through a pair of Schottky diodes and a battery charger.

73,
ldb
K5WLF

Finnigann wrote:
> On Sat, 28 Nov 2009 10:36:07 -0500, MM Ali <prof.tele@...> wrote:
>
>> Dears,
>>
>> Just acquired a spanking new FT-897. A question:
>>
>> is it better to have a power supply
>>
>> or
>>
>>
>> to operate on a 12 V battery with float charger.
>>
>> Any information welcome.
>>
>
>
> Depends if you want to use more than 20 watts to transmit.
>
>

28421. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 06:16:23 UTC
From: Larry D. Barr, K5WLF
Topic: 8844 Message: 28421

Let me clarify that last sentence which was rather poorly written --

Using a pair of Schottky diodes, the 40S acts as a transfer switch, and
also contains a 3-stage (bulk, absorption and float) charging circuit to
maintain the battery bank.

There, that's better...

73,
ldb
K5WLF

Larry D. Barr, K5WLF wrote:
<snip>

> The 40S acts as a transfer switch, through a
> pair of Schottky diodes and a battery charger.
>
> 73,
> ldb
> K5WLF
>
>
> Finnigann wrote:
>> On Sat, 28 Nov 2009 10:36:07 -0500, MM Ali <prof.tele@...> wrote:
>>
>>> Dears,
>>>
>>> Just acquired a spanking new FT-897. A question:
>>>
>>> is it better to have a power supply
>>>
>>> or
>>>
>>>
>>> to operate on a 12 V battery with float charger.
>>>
>>> Any information welcome.
>>>
>>
>> Depends if you want to use more than 20 watts to transmit.
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> Yahoo! Groups Links
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28422. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 11:31:22 UTC
From: Geert Jan de Groot
Topic: 28414 Message: 28422

> I have an amplifier connected to the CAT/LINEAR jack on the back
> of the 897. Now I want to connect the computer to the radio too.
> I don't want to choose between using the amplifier or having
> the logger tied in to the radio. I want both.

What amplifier do you have, and more important, what signals does
the amplifier need from the FT897?

If it's just TX GND (a pin that goes to ground when the TX keys),
and perhaps ALC, then you may be in luck.
Starting with lot 25, there is an undocumented jumper on the main (top)
board that can change the TX REQ pin of the ACC plug, from TX REQ
(for tuning), to TX GND, the same signal as on the DIN plug.
J1027 can be found immediately next to the short end of the
REF-UNIX/TCXO module. Change the jumper, and the plug will read:
tip: ALC in
middle ring: TX GND
base: GND

Unless you use the BAND signals from the DIN plug (in which case things
get difficult, as BAND A and BAND B share pins with RXD and TXD respectively)
you should be able to make this work.

If you do this, please put a sticker on the box so that we don't get
"TX REQ no longer works" questions on this list in a few weeks..

Geert Jan

28423. Re: On off Problem

Yahoo group: FT897 (2009)
Date: 2009-11-29 11:53:36 UTC
From: Geert Jan de Groot
Topic: 28377 Message: 28423

> My FT897 works fine as long as it is turned on. When you turn the radio
> off, the radio "Will Not" turn back on. I have to wait 10 minutes for the
> radio to be able to turn back on. It has had this problem since I had it
> new. The radio is several years old.

The question is if you are willing to do some analysis yourself,
and exactly what happens when you press the power-on button.
(of you have the DTMF mic, does the same problem happen if you
use the mic power-on button?)

The way it works is that the power-on switch grounds POSW, which is
connected to the cathodes of D1033. One half of this diode grounds
the gate of Q1031, causing it to conduct. This powers-up a whole
lot: Q1028, a 5-volt voltage stabilizer that powers the main CPU
on the main board. It also switches Q1030, which is just a voltage
comparator to give the CPU a power-on reset pulse.

The processor, once reset, will start up and if all is well,
will drive PWR-ON to Q1035. This, in turn, will ground the gate of
Q1031 so that the circuitry remains powered-up even if you release the
power button.

Note that the main CPU talks to the front CPU via cable J1018
(this is a built-in cable on the FT897, it is replaced by a RJ14
"phone" cable for the FT857 with it's detachable front).
If this communication doesn't work, then the main CPU will power-down
the rig in roughly a second after power-up.
I am not sure if that is that you describe above. When you press the
power button, does "nothing happen", or does the rig kind-of power-up,
and then power doen again?
In that case, the front-panel CPU doesn't start up, or perhaps has
a loose connector or similar.

Repair / access to these components is not trivial, but do-able.
Keep in mind that most of the power-on circuitry is on the bottom
of the main board, close to the big 7808 voltage regulator.
But, to diagnose this, you don't need RF, so you can disconnect (and leave
disconnected) both the green (RX) coax cable and the red (TX) coax cable.
To make sure nothing happens if you accidentally transmit when the red
cable is loose, flip switch S1001 on the main board, unpowering the
pre-driver stages of the PA. I also always tape-off these springy
coax cables, just in case they cause a short.

You only need two cables: the flexfoil (connecting the main board
to the PA board on the bottom, powering the main board), and the white-green
cable going to the front panel and both are long enough to allow the board

to be connected while being upside-down. Be sure to tape off the diecast chassis to avoid short circuit accidents should the bord tip over.
I "did one" just the other week and it was just a few hours.

Hope this gets you started,

Geert Jan PE1HZG

28424. Re: [FT897] I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 15:15:20 UTC
From: Lew Phelps K6LMP
Topic: 28414 Message: 28424

As others have described, you can access a second CAT/Linear port at the mike jack and and changing the settings with MENU 59 to CAT. This changes pins 1 and 2 on the mike jack to Data Transmit and Data Receive. All other pin functions remain unchanged.

The problem you face is that this takes away your mike jack. Nenad Rotter of Croatia (9N5AN) described a project in the April 2007 issue of QST which plugs into the FT-897 mike jack and provides a 9-pin serial connector for the CAT port, an RJ-45 jack for the original hand held mike, a 3.5mm coaxial mike jack with optional electret mike voltage supply, and a jack for a PTT foot switch. Neat project. The template for the required circuit board is available on the ARRL web site.

Some months ago I modified the project so that the data output is a USB port rather than a 9 pin serial port, since my laptop has USB but not a 9 pin serial connector, and I wanted to eliminate the need for a USB-serial dongle. I have written up that project and posted the circuit diagram and discussion of the project construction into the FILES section of this group, under the heading "USB + Mike Port." (The diagram and write up are recently posted, replacing an earlier version that contained a small but significant error in the schematic -- grounding the Mike to GND rather than MIC GND. The new version of the circuit diagram fixes that problem. The old version has been removed from the Files section.) These are posted with my Yahoo user name pasadenalew.

This project fits into an LMB project box measuring 4.25 x 2.25 x 1.375 inches, and requires no circuit board etching. It provides six functions:
1. USB port
2. Small LEDs to indicate inbound and outbound data flow through the USB port
3. 1/4" and 1/8" (3.5mm) coaxial mike jacks
4. Optional voltage for electret mikes on the coaxial mike jacks.
5. Jack for PTT foot switch.
6. RJ45 jack to allow use of the original Yaesu handheld mike or other mike with RJ-45 connector.

This project requires roughly $45 in components and the ability to solder. It will allow you to use BOTH the amplifier and the logging software, or the logging software and automatic antenna tuner. The mike jack must be used as a CAT port, but the original port on the rear of the rig can be set for either TUN or AMP.

You might be interested to know that I am in the final stages of prototyping a new version of the project that has all the functionality of the original, but shrinks it into an incredibly small project box measuring only 2.25 x 1.5 x 1.5 inches, about 1/3 the volume of the original project. I have laid out the circuit board (same circuit exactly as the existing project). It measures 2.15 x 1.35 inches. All the components fit into the mini-project box, but just barely. I will write up the "honey I shrunk the project" version and publish it to the group when I have etched the circuit board and verified that it's functional. I hope to have this done in a week or two.

Lew K6LMP

Earlier, Kevin wrote:

> I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.
>
> I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.
>
> I have searched for 8 pin mini din hubs without success.
>
> I'm sure that there are some members here who have solved this problem.
>
> Thanks,
> Kevin, KJ4GLK

Lew Phelps K6LMP
Pasadena, CA
Yaesu FT-897D
K6LMP@...

[Non-text portions of this message have been removed]

28425. Re: [FT897] I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 15:25:38 UTC
From: Lew Phelps K6LMP
Topic: 28414 Message: 28425

Small correction to prior post: Nenad Rotter's call sign is 9A5AN. Sorry about that error, Nenad!

Lew K6LMP

28426. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 15:31:42 UTC
From: Stan KA8SFP
Topic: 28414 Message: 28426

Say Kevin,

Have you checked out the CAT-MATE?

http://www.w4rt.com/

http://www.w4wb.com/Manuals/CAT-MATE_USER_GUIDE.pdf

Stan
KA8SFP

--- In FT897@yahoogroups.com, "kj4glk" <kj4glk@...> wrote:
>
> I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.
>
> I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.
>
> I have searched for 8 pin mini din hubs without success.
>
> I'm sure that there are some members here who have solved this problem.
>
> Thanks,
> Kevin, KJ4GLK
>

28427. DC Power Cable Source

Yahoo group: FT897 (2009)
Date: 2009-11-29 04:13:42 UTC
From: kc6zvi
Topic: 28427 Message: 28427

Does anybody have a source for the connector that mates to the 6 pin power connector.

TomK
KC6ZVI

28428. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 02:43:34 UTC
From: Bill Graves
Topic: 8844 Message: 28428

I use both, but if I had to choose I'd go with batteries since I live in a place where we often lose electrical power for several hours. Also, if there's a major disaster it would be good to have a solar panel to keep your batteries charged if grid power was lost for several days or weeks.
Bill, in Cuernavaca, Mexico

--- On Sat, 11/28/09, MM Ali <prof.tele@...> wrote:

From: MM Ali <prof.tele@...>
Subject: [FT897] FT 897
To: FT897@yahoogroups.com
Date: Saturday, November 28, 2009, 7:36 AM

Dears,

Just acquired a spanking new FT-897. A question:

is it better to have a power supply

or

to operate on a 12 V battery with float charger.

Any information welcome.

Best Regards

MM Ali/vu2ali

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset. com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28429. Re: [FT897] I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-29 19:12:39 UTC
From: DALE BLANCHARD
Topic: 28414 Message: 28429

Here is the solution many of us use.
http://groups.yahoo.com/group/FT-857/files/CAT%20%2B%20Linear%20Amp/
Dale
wa7ixk

----- Original Message -----
From: "kj4glk" <kj4glk@...>
To: FT897@yahoogroups.com
Sent: Saturday, November 28, 2009 11:44:38 AM GMT -08:00 US/Canada Pacific
Subject: [FT897] I need a 2nd CAT/LINEAR jack

I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.

I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.

I have searched for 8 pin mini din hubs without success.

I'm sure that there are some members here who have solved this problem.

Thanks,
Kevin, KJ4GLK

[Non-text portions of this message have been removed]

28430. Re: [FT897] FT 897

Yahoo group: FT897 (2009)
Date: 2009-11-29 06:11:51 UTC
From: David Richardson
Topic: 8844 Message: 28430

Hi Ali,

I power my FT-897D from a 100AH SLA battery with a 2A current limited constant voltage (13.8v) charger, of the type used in security panels. A 2A charger is sufficient for 24/7 float charge, even with heavy TX periods! I don't know if you really need 100AH capacity, but mine was a gift!

This arrangement is very useful during storms and in the bushfire season when the 240V AC tends to be unreliable. I've used this setup for over two years now, without any problems.

Regards,

David, VK3BDK

BTW I love my FT897D. It sits nicely between my computer and monitor.

From: MM Ali <prof.tele@...>
To: FT897@yahoogroups.com
Sent: Sun, 29 November, 2009 2:36:07 AM
Subject: [FT897] FT 897

Dears,

Just acquired a spanking new FT-897. A question:

is it better to have a power supply

or

to operate on a 12 V battery with float charger.

Any information welcome.

Best Regards

MM Ali/vu2ali

_____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset. com

[Non-text portions of this message have been removed]

Last chance to win a Sony entertainment pack thanks to Yahoo!7. Hurry, ends Nov 30. Enter now: http://au.docs.yahoo.com/homepageset/

[Non-text portions of this message have been removed]

28431. INRAD roofing filter

Yahoo group: FT897 (2009)
Date: 2009-11-29 19:50:20 UTC
From: Jirka MWW
Topic: 28431 Message: 28431

Hi Hams,
Inrad offers for FT897 under the number: #917 VHF Filters for Experimenters : roofing filter for 68.33 MHZ, it means for 1st. IF.
Dollar is now very weak, therefore it is a good chance to buy it. Before I will do it I would like to ask expert in this forum following questions :
1. Is here somebody, who is really using it ?
2. What kind of effects can I expect on RX, especially in big VHF contests (many big gun stations in narrow segment (EU hams know what I am writing about) ?
3. are there any positive effects at TX (maybe less transmitted noise in wide range) ?
4. Are there any clear instruction for the installation on Internet ? How difficult is it ?

Many thanks in advance for any input.

73! Jirka OK1MWW

[Non-text portions of this message have been removed]

28432. Re: [FT897] DC Power Cable Source

Yahoo group: FT897 (2009)
Date: 2009-11-29 19:50:15 UTC
From: Rick Armitage
Topic: 28427 Message: 28432

Hi Tom,
I sell these 6 pin connectors on my web site for $5.95CAD,
I also make custom power cables as well. If you or anyone else is interested
please contact me at rick@....
Web site: www.armitronpower.com

Rick
VA3VO

28433. Re: [FT897] DC Power Cable Source

Yahoo group: FT897 (2009)
Date: 2009-11-29 20:41:42 UTC
From: Larry D. Barr, K5WLF
Topic: 28427 Message: 28433

http://www.powerwerx.com

kc6zvi wrote:
> Does anybody have a source for the connector that mates to the 6 pin power connector.
>
> TomK
> KC6ZVI
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>

28434. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-30 12:52:42 UTC
From: Fm.Kelly@verizon.net
Topic: 28414 Message: 28434

[Body unavailable in the source archive]

28435. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-30 14:08:46 UTC
From: dek2ty
Topic: 28414 Message: 28435

I'm guessing that you have an amplifier that does automatic band switching and that's why you're using the DIN plug. If your amplifier does not accept CAT commands and your just need a dry contact, use the ACC plug on the back of the radio to key the amp. I had to remove the top cover and change a jumper position to enable the ACC to key the amp and accept ALC. If this would be useful to you, let me know and I'll try to find some documentation.

--- In FT897@yahoogroups.com, "kj4glk" <kj4glk@...> wrote:
>
> I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.
>
> I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.
>
> I have searched for 8 pin mini din hubs without success.
>
> I'm sure that there are some members here who have solved this problem.
>
> Thanks,
> Kevin, KJ4GLK
>

28436. Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-01 01:46:29 UTC
From: nnvpears
Topic: 28436 Message: 28436

I saw that the Yaesu website lists the YSK-857 as an option with the 897, does this work for the 897/has any one done this. Secondly does the factory mounting bracket MMB-80 allow for easy removal of a rig from a mobile installation to be used as a base radio?

Thanks
Nathaniel
KB1QHX

28437. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-01 02:18:18 UTC
From: Gary Altig
Topic: 28436 Message: 28437

DE N7UVL,
Commenting on the MMB-80 use:
With the MMB-80 side brackets installed, either of the two
side mounted Tuners (LDG or Yaesu) will require spacers on
the tuner lower mounting screws in order to maintain the
mounting distance at both top and bottom. Otherwise the
many other available "free" standing tuners don't have this
aspect to deal with./ga

----- Original Message -----
From: nnvpears<mailto:nnvpears@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Monday, November 30, 2009 5:46 PM
Subject: [FT897] Plans for a better mobile set up

I saw that the Yaesu website lists the YSK-857 as an option with the 897, does this work for the 897/has any one done this. Secondly does the factory mounting bracket MMB-80 allow for easy removal of a rig from a mobile installation to be used as a base radio?

Thanks
Nathaniel
KB1QHX

[Non-text portions of this message have been removed]

28438. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-12-01 05:43:29 UTC
From: kj4glk
Topic: 28414 Message: 28438

Wow, thanks for all the feed back. All of these suggestions are spot on. From the simple fix to the more complex mods and projects. This is the kind of info I was seeking. tons of knowledge in this 897 group collective. Thanks to all.

Some have asked what amp I'm running. I have an old Ameritron 811. One day I might upgrade to a smarter amp, but the 811 just won't quit.

Geert detailed a mod to the main board that might just work w/ this amp. And Steve suggested a similar, if not identical, mod. Thanks guys.

I'm also using a computer w/ only a usb, so I've got the serial/usb dongle thing going.

btw, great little project and excellent article Lew, k6lmp, can't wait to read about the smaller version your working on.

Dale mentioned a quick and dirty pig-tail mod to an old Mac keyboard cord. That project is posted in the 857 group. I might have some of those cords laying around the shack here. Thanks for the heads up Dale.

And Stan brought our attention to the Cat-Mate that W4RT is offering. W4RT has some great stuff.

Thanks for all the help,
Kev, KJ4GLK

28439. LDG-897 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-11-29 22:53:40 UTC
From: daoijo
Topic: 28439 Message: 28439

I have the LDG auto tuner for about 1 month now and love it, but...

From time to time I find myself transmitting and the HSWR indicator goes on and the SWR meter goes high. This is after I tuned it for the frequency I am transmitting on. I immediate stop transmitting when this happens and press the tune button and the SWR immediately improves. Has anyone else found this occurring with the LDG?

28440. Re: I need a 2nd CAT/LINEAR jack

Yahoo group: FT897 (2009)
Date: 2009-11-30 01:21:10 UTC
From: Kent & Shirley
Topic: 28414 Message: 28440

I'm not 100% sure this is what you need but it looks interesting: Look at ebay item 370292656058. I found it by doing a search for "8 pin mini din". If this isn't what you need, perhaps your search on ebay will help you find something better. Good luck, Kent ad7hk

--- In FT897@yahoogroups.com, "kj4glk" <kj4glk@...> wrote:
>
> I have an amplifier connected to the CAT/LINEAR jack on the back of the 897. Now I want to connect the computer to the radio too.
>
> I don't want to choose between using the amplifier or having the logger tied in to the radio. I want both.
>
> I have searched for 8 pin mini din hubs without success.
>
> I'm sure that there are some members here who have solved this problem.
>
> Thanks,
> Kevin, KJ4GLK
>

28441. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-01 10:28:06 UTC
From: DavidN
Topic: 28436 Message: 28441

Re. the MMB80. To detach the 897 from it you loosen a screw at each side at the front, and remove two screws to the back at the side - takes about one minute. It then slides out. Of course, you have to then remove the power plug, two aerial connectors and the earth strap. I wouldn't want to do it every day.

When I bought mine I did look around for a quick release mount, but there doesn't seem to be one.... Be interested to know if anyone has found one!

For those interested my 897 is shoe-horned into a Vauxhall (Opel in some countries) Astra above my right knee. It's very handy there and out of sight of passers-by.

.d. G4TUP/9H3CU.

On Tue, Dec 1, 2009 at 1:46 AM, nnvpears <nnvpears@...> wrote:

>
>
> I saw that the Yaesu website lists the YSK-857 as an option with the 897,
> does this work for the 897/has any one done this. Secondly does the factory
> mounting bracket MMB-80 allow for easy removal of a rig from a mobile
> installation to be used as a base radio?
>
> Thanks
> Nathaniel
> KB1QHX
>
>
>

[Non-text portions of this message have been removed]

28442. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-01 13:12:25 UTC
From: Damien Gardner Jnr
Topic: 28436 Message: 28442

On 01/12/2009, at 9:28 PM, DavidN wrote:
> For those interested my 897 is shoe-horned into a Vauxhall (Opel in
> some
> countries) Astra above my right knee. It's very handy there and out
> of sight
> of passers-by.

Google tells me that in england and malta, you drive on the left side of the road like us here in .AU, so I *really* want to see a photo of this!! Unless your Astra is *really* different to our Astra (Holden, here in .au), I just can't figure out where on earth you've got it.. last time we took the mrs car camping, we had trouble with 1st/3rd/5th gear with just the 4-way adapter plugged into the cigarette lighter (yes, that's on the left..), and I just can't think of ANY space on the right hand side.. - I can't imagine fitting an 897 anywhere in the front of the thing, unless it's on top of that awesomely deep dash!

So yeah, if you happen to take a photo or two and post them up, I'd *love* to see them, my mind boggles at the thought of any kind of non-remote-head rig mounted in the front of an astra! :)

Cheers,

Damien

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

[Non-text portions of this message have been removed]

28443. Signal Breaking up

Yahoo group: FT897 (2009)
Date: 2009-12-01 15:56:03 UTC
From: Danny Loyd
Topic: 28443 Message: 28443

I have possible simple question, but can't seem to figure it out. When I transmit on 80 meters, I get a report that my signal is chopping off. I have tried sitting the mic gain, processor level, and retuning as occasionally I get VSWR indications if I don't tune on the frequency I am operating on. I know this sounds simple, but I am still learning and relearning HF operations.

Thanks,

Danny Loyd
KE5WDI

28444. Re: [FT897] Signal Breaking up

Yahoo group: FT897 (2009)
Date: 2009-12-01 16:14:47 UTC
From: Gary Altig
Topic: 28443 Message: 28444

DE N7UVL,
What is your power source?/ga

----- Original Message -----
From: Danny Loyd<mailto:ke5wdi@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Tuesday, December 01, 2009 7:56 AM
Subject: [FT897] Signal Breaking up

I have possible simple question, but can't seem to figure it out. When I transmit on 80 meters, I get a report that my signal is chopping off. I have tried sitting the mic gain, processor level, and retuning as occasionally I get VSWR indications if I don't tune on the frequency I am operating on. I know this sounds simple, but I am still learning and relearning HF operations.

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

28445. Re: [FT897] Signal Breaking up

Yahoo group: FT897 (2009)
Date: 2009-12-01 16:38:46 UTC
From: Danny Loyd
Topic: 28443 Message: 28445

I am using the FC-30 Yaseu power supply. The other night on 40 meters there was no report of breaking up, but the last two nights on 80 meters I got reports of signal breaking up. Changed mics and had same results. Moved down to another freq for one on one QSO and turned off the processor and ran the mic gain down and was told that signal was good. Went back up to 3942 and was told signal now strong but will chopping every once in a while.

Danny
KE5WDI

From: Gary Altig <garylaltig@msn.com>
To: FT897@yahoogroups.com
Sent: Tue, December 1, 2009 10:14:47 AM
Subject: Re: [FT897] Signal Breaking up

DE N7UVL,
What is your power source?/ga

----- Original Message -----
From: Danny Loyd<mailto:ke5wdi@hifivers. net>
To: FT897@yahoogroups. com<mailto:FT897@yahoogroups. com>
Sent: Tuesday, December 01, 2009 7:56 AM
Subject: [FT897] Signal Breaking up

I have possible simple question, but can't seem to figure it out. When I transmit on 80 meters, I get a report that my signal is chopping off. I have tried sitting the mic gain, processor level, and retuning as occasionally I get VSWR indications if I don't tune on the frequency I am operating on. I know this sounds simple, but I am still learning and relearning HF operations.

Thanks,

Danny Loyd
KE5WDI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28446. Re: [FT897] Signal Breaking up

Yahoo group: FT897 (2009)
Date: 2009-12-01 18:07:05 UTC
From: DavidN
Topic: 28443 Message: 28446

Would be worth doing a test with someone with your original settings
and watching the ALC indication and see what that's doing. Then go
into the menu and reduce SSB mic gain by half and do the test again.
If still problems keep reducing mic gain again by half which should
resolve it.

Sounds to me like you're overdriving, and a different freq/aerial just
tips it over the top, or doesn't. Best of luck!

.d. G4TUP.

On 12/1/09, Danny Loyd <ke5wdi@...> wrote:
> I am using the FC-30 Yaseu power supply. The other night on 40 meters there
> was no report of breaking up, but the last two nights on 80 meters I got
> reports of signal breaking up. Changed mics and had same results. Moved down
> to another freq for one on one QSO and turned off the processor and ran the
> mic gain down and was told that signal was good. Went back up to 3942 and
> was told signal now strong but will chopping every once in a while.
>
> Danny
> KE5WDI
>
>
>
>
> _____
> From: Gary Altig <garylaltig@...>
> To: FT897@yahoogroups.com
> Sent: Tue, December 1, 2009 10:14:47 AM
> Subject: Re: [FT897] Signal Breaking up
>
>
> DE N7UVL,
> What is your power source?/ga
>
> ----- Original Message -----
> From: Danny Loyd<mailto:ke5wdi@hifivers. net>
> To: FT897@yahoogroups. com<mailto:FT897@yahoogroups. com>
> Sent: Tuesday, December 01, 2009 7:56 AM
> Subject: [FT897] Signal Breaking up
>
> I have possible simple question, but can't seem to figure it out. When I
> transmit on 80 meters, I get a report that my signal is chopping off. I have
> tried sitting the mic gain, processor level, and retuning as occasionally I
> get VSWR indications if I don't tune on the frequency I am operating on. I
> know this sounds simple, but I am still learning and relearning HF

> operations.
>
> Thanks,
>
> Danny Loyd
> KE5WDI
>
> [Non-text portions of this message have been removed]
>
>
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>
> [Non-text portions of this message have been removed]
>
>

28447. Re: LDG-897 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-12-01 18:32:05 UTC
From: iz0inx
Topic: 28439 Message: 28447

Yes, it frequently happens to me as well.
In addition to what you described I also experienced the following:

When I'm at home, I prefer to use my MFJ-993b as tuner, so I have the two tuners attached in series.
I obviously perform the bypass procedure on the AT897, by pressing the tune button for a short time. This allow me to tune with the MFJ.
Often, when I'm transmitting the HSWR indicator goes on and the SWR meter goes high.
As soon as I shortly press again the tune button, everything goes normal.

I don't know the reason why this happens, it looks like that some relay is activated under the RF effect. Very annoying.

Fil - IZ0INX

--- In FT897@yahoogroups.com, "daoijo" <dokrent@...> wrote:
>
> I have the LDG auto tuner for about 1 month now and love it, but...
>
>From time to time I find myself transmitting and the HSWR indicator >goes on and the SWR meter goes high. This is after I tuned it for the >frequency I am transmitting on. I immediate stop transmitting when this >happens and press the tune button and the SWR immediately improves. Has >anyone else found this occurring with the LDG?
>

28448. RE: [FT897] Re: LDG-897 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-12-01 18:48:30 UTC
From: Jim Henry
Topic: 28439 Message: 28448

Hello

I do not have the AT897 tuner but I do have the AT100 Pro which I use with my 897. It has a facility for automatic and semi- auto tuning. In the semi-auto mode you must hit the tune button to tune whereas in auto mode tuning commences as soon as you hit the key or press the ptt. Could it be the same with your AT897? Worth checking out

73 de Jim, GI0DVU

<http://gi0dvu.co.uk/> http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of iz0inx
Sent: 01 December 2009 18:32
To: FT897@yahoogroups.com
Subject: [FT897] Re: LDG-897 Auto Tuner

Yes, it frequently happens to me as well.
In addition to what you described I also experienced the following:

When I'm at home, I prefer to use my MFJ-993b as tuner, so I have the two tuners attached in series.
I obviously perform the bypass procedure on the AT897, by pressing the tune button for a short time. This allow me to tune with the MFJ.
Often, when I'm transmitting the HSWR indicator goes on and the SWR meter goes high.
As soon as I shortly press again the tune button, everything goes normal.

I don't know the reason why this happens, it looks like that some relay is activated under the RF effect. Very annoying.

Fil - IZ0INX

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "daoijo" <dokrent@...> wrote:
>
> I have the LDG auto tuner for about 1 month now and love it, but...
>
>From time to time I find myself transmitting and the HSWR indicator >goes on and the SWR meter goes high. This is after I tuned it for the >frequency I am transmitting on. I immediate stop transmitting when this >happens and press the tune button and the SWR immediately improves. Has >anyone else found this occurring with the LDG?
>

[Non-text portions of this message have been removed]

28449. Re: LDG-897 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-12-01 20:03:40 UTC
From: iz0inx
Topic: 28439 Message: 28449

Hi Jim,

I know what you are talking about, my MFJ-993b has the same facility, but this is not true for the AT-897, there is no way for activating the tuning by pressing the ptt, it only starts tuning by pressing the Tune button.

On the other hand I know that Ldg is now puttinhg on the market a new version of the AT-897, called "plus" or something like this.
The new model differs from the previous one because it actually uses the CAT communication, whereas the previous one just takes the power supply from the FT897 CAT socket.

73, Fil - IZ0INX

--- In FT897@yahoogroups.com, "Jim Henry" <jim.henry@...> wrote:
>
> Hello
>
>
>
> I do not have the AT897 tuner but I do have the AT100 Pro which I use with
> my 897. It has a facility for automatic and semi- auto tuning. In the
> semi-auto mode you must hit the tune button to tune whereas in auto mode
> tuning commences as soon as you hit the key or press the ptt. Could it be
> the same with your AT897? Worth checking out
>
>
>
>
>
> 73 de Jim, GI0DVU
>
> <http://gi0dvu.co.uk/> http://gi0dvu.co.uk
>
>
>
>

28450. Re: Signal Breaking up

Yahoo group: FT897 (2009)
Date: 2009-12-01 22:04:44 UTC
From: Steve Yates
Topic: 28443 Message: 28450

It may also be a case of RF feedback which is very common. RF from the antenna gets coupled back into the radio either directly from a close antenna or via common mode currents on the feedline and can cause severe problems on SSB. Instead of turning the mic gain down, turn the power down and see if there is any improvement. The mic gain alone will no limit your power on peaks so there may still be some feedback. If turning the power down corrects the problem then you can work on measures to eliminate RF at the rig.

73,
Steve - AA5TB

28451. Re: S meter problem

Yahoo group: FT897 (2009)
Date: 2009-12-02 07:19:00 UTC
From: Risk
Topic: 28374 Message: 28451

Thanx for replying Steve,

Sorry for the late reply, but Ive been on my Honeymoon.

Ive tried changing the AGC from Auto to Fast to Slow, but to no avail.

Same old story, the S meter just sits there.

Im really not sure whats causing it. Unless its something to do with HRD which I am running simultaneously.

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Possible you've turned the AGC off. Make sure that [AGC] (button B) is selected in Menu Funtion L.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "Risk" <risk_of_silk_and_steel@> wrote:
> >
> > Hi guys,
> >
> > When I first purchased my rig, the S meter was working quite well.
> >
> > I think I have mucked around with a setting some where in the menu system as the S Meter never changes once I have adjusted the gain to where I want it.
> >
> > If I leave the RF gain dial where I want it. The S meter will give me a reading, but it doesnt change regardless of the signal received.
> >
> > I can have a QSO bellowing in but the S meter will remain exactly where I set it via the gain dial.
> >
> > Is there a setting I have played with by mistake ???
> >
> > VK2WAR
> >
>

28452. RE: [FT897] Re: S meter problem

Yahoo group: FT897 (2009)
Date: 2009-12-02 11:53:21 UTC
From: Eric van de Weyer
Topic: 28374 Message: 28452

Hi Jason,

If you do not have the RF gain control at maximum, this will be normal behaviour. As you reduce the RF gain control, the S meter will gradually indicate more and more as the gain control normally works by putting a DC voltage on the AGC line to reduce the gain of the controlled amplifiers. As the S meter is basically reading the voltage on the AGC line, if you have a fixed voltage on it, then the meter will read that and only move above it if the incoming signal is strong enough to need more AGC.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Risk
Sent: Wednesday, 2 December 2009 18:19
To: FT897@yahoogroups.com
Subject: [FT897] Re: S meter problem

Thanx for replying Steve,

Sorry for the late reply, but Ive been on my Honeymoon.

Ive tried changing the AGC from Auto to Fast to Slow, but to no avail.

Same old story, the S meter just sits there.

Im really not sure whats causing it. Unless its something to do with HRD which I am running simultaneously.

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> Possible you've turned the AGC off. Make sure that [AGC] (button B) is selected in Menu Funtion L.
>
> 73,
> Steve - AA5TB
>
> --- In FT897@yahoogroups.com, "Risk" <risk_of_silk_and_steel@> wrote:
> >
> > Hi guys,
> >
> > When I first purchased my rig, the S meter was working quite well.
> >
> > I think I have mucked around with a setting some where in the menu

system as the S Meter never changes once I have adjusted the gain to where I want it.
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> > If I leave the RF gain dial where I want it. The S meter will give me a reading, but it doesnt change regardless of the signal received.
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> > I can have a QSO bellowing in but the S meter will remain exactly where I set it via the gain dial.
> >
> > Is there a setting I have played with by mistake ???
> >
> > VK2WAR
> >
>

Yahoo! Groups Links

28453. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-02 14:24:48 UTC
From: DavidN
Topic: 28436 Message: 28453

Hi Damien. Not sure if the Holden-make Astra is the same as the Vauxhall one but you'll be able to tell from the pics I've put in the photos section - look for *897 INSTALLED IN VAUXHALL ASTRA*. Unfortunately it hasn't put them in numerical order, and there wasn't much room for descriptive comment! So here are a few ad hoc comments....

The mic is the Yaesu MH-59A8J. The gold earth strap (UR67 braid flattened) can be seen to the right. This goes to the door pillar and is only about seven inches long. The power cable is wired direct to the car battery - the garage put this through the bulkhead for me when the car was in for servicing. There is plenty of room for my right leg between the seat and 897 - I did try mounting the rig lower but it fouled my foot on the brake :) When driving the view of the screen is great and all controls to hand. I removed the fuse box cover completely so that the rig didn't have to be removed to get to the fuses.

Any more questions, just ask!

.d. G4TUP.

On Tue, 1 Dec 2009 at 1:12 PM, Damien Gardner Jnr <rendrag@...>wrote:

>
>
> On 01/12/2009, at 9:28 PM, DavidN wrote:
> > For those interested my 897 is shoe-horned into a Vauxhall (Opel in
> > some
> > countries) Astra above my right knee. It's very handy there and out
> > of sight
> > of passers-by.
>
> Google tells me that in england and malta, you drive on the left side
> of the road like us here in .AU, so I *really* want to see a photo of
> this!! Unless your Astra is *really* different to our Astra (Holden,
> here in .au), I just can't figure out where on earth you've got it..
> last time we took the mrs car camping, we had trouble with 1st/3rd/5th
> gear with just the 4-way adapter plugged into the cigarette lighter
> (yes, that's on the left..), and I just can't think of ANY space on
> the right hand side.. - I can't imagine fitting an 897 anywhere in the
> front of the thing, unless it's on top of that awesomely deep dash!
>
> So yeah, if you happen to take a photo or two and post them up, I'd
> *love* to see them, my mind boggles at the thought of any kind of non-
> remote-head rig mounted in the front of an astra! :)
>
> Cheers,

>
> Damien
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@rendrag.net <rendrag%40rendrag.net> - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.
> We danced among the lightning bolts,
> and tore the world asunder
>
> [Non-text portions of this message have been removed]
>
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>

[Non-text portions of this message have been removed]

28454. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-02 21:28:06 UTC
From: Damien Gardner Jnr
Topic: 28436 Message: 28454

Yep, thats exactly the same as the missus' car - I seriously wouldn't have thought there was enough leg room in there to put a transceiver, but it would seem I'm wrong! Hrrrm, I wonder if she'd let me screw stuff into her under-dash.... :)

I'll definitely have to look into the mobile mount - it certainly beats the large number of cable ties I currently use to hold it to the cargo barriers in both cars!! (I mainly only use it for HF APRS when we're on holiday, with the occasional sitting-in-the-boot DX'ing session :)

Cheers,

Damien

PS, speaking of the Astra, we found a *REALLY* big security hole on our last holiday... - were running a waeco fridge, so had one of those little 500A jump starter things sitting in the boot with it, to power it when the car was off - and had planned on just having a dual ended cig lighter cable to go between the cig lighter socket on the jump starter, and the car's cig lighter socket.. Except it would appear that the cig lighter socket on the astra is permanently wired to the ignition circuit.. That is, if you supply 12V there, and give the car a push-start, it runs, albeit in limp mode, because the key hasn't 'unlocked' the ECU, but you can still do up to about 60k/h in limp mode fairly well Since then, we always turn the wheels to hard lock before putting the steering lock on - don't want someone driving it away down a street and up onto a tandem!!

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
--
We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

On 03/12/2009, at 1:24 AM, DavidN wrote:

> Hi Damien. Not sure if the Holden-make Astra is the same as the
> Vauxhall one
> but you'll be able to tell from the pics I've put in the photos
> section -
> look for *897 INSTALLED IN VAUXHALL ASTRA*. Unfortunately it hasn't
> put them
> in numerical order, and there wasn't much room for descriptive

> comment! So
> here are a few ad hoc comments....
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> The mic is the Yaesu MH-59A8J. The gold earth strap (UR67 braid
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> can be seen to the right. This goes to the door pillar and is only
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> seven inches long. The power cable is wired direct to the car
> battery - the
> garage put this through the bulkhead for me when the car was in for
> servicing. There is plenty of room for my right leg between the seat
> and 897
> - I did try mounting the rig lower but it fouled my foot on the
> brake :)
> When driving the view of the screen is great and all controls to
> hand. I
> removed the fuse box cover completely so that the rig didn't have to
> be
> removed to get to the fuses.
>
> Any more questions, just ask!
>
> .d. G4TUP.
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> <rendrag@...>wrote:
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>> On 01/12/2009, at 9:28 PM, DavidN wrote:
>>> For those interested my 897 is shoe-horned into a Vauxhall (Opel in
>>> some
>>> countries) Astra above my right knee. It's very handy there and out
>>> of sight
>>> of passers-by.
>>
>> Google tells me that in england and malta, you drive on the left side
>> of the road like us here in .AU, so I *really* want to see a photo of
>> this!! Unless your Astra is *really* different to our Astra (Holden,
>> here in .au), I just can't figure out where on earth you've got it..
>> last time we took the mrs car camping, we had trouble with 1st/3rd/
>> 5th
>> gear with just the 4-way adapter plugged into the cigarette lighter
>> (yes, that's on the left..), and I just can't think of ANY space on
>> the right hand side.. - I can't imagine fitting an 897 anywhere in
>> the
>> front of the thing, unless it's on top of that awesomely deep dash!
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>> So yeah, if you happen to take a photo or two and post them up, I'd
>> *love* to see them, my mind boggles at the thought of any kind of
>> non-
>> remote-head rig mounted in the front of an astra! :)
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>> Cheers,
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>> Damien
>>
>> Damien Gardner Jnr
>> VK2TDG. Dip EE. GradIEAust
>> rendrag@... <rendrag%40rendrag.net> - http://www.rendrag.net/
>> --
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>> We ran to the sounds of thunder.
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>> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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28455. Re: S meter problem

Yahoo group: FT897 (2009)
Date: 2009-12-03 03:01:21 UTC
From: Risk
Topic: 28374 Message: 28455

Hi Eric,

thanx heaps for your reply. You just solved the last part of the puzzle for me.

Last night whilst I was playing around with a few settings, I almost cottoned on to what you just aluded to. Almost. Basically, I thought about a couple of things and decided to go mess with the Squelch/RF Gain. I all but turned the squelch off, and returned the setting to RF Gain. And things started moving again. But, wasnt perfect. What Ive been doing is playing with the RF gain, AF Volume, and the volume coming through the computers speakers and headphones i Have here.

So Ive been doing this massive juggling act, trying to get the sound coming through to sound good. (Im still waiting for my Tigertronics Signalink USB to get here from the UK, and it turns out Royal Mail International needs to take a leaf out of USPS because they are slower than a wet week.)

Anyways, in doing this juggling act, I didnt even take into consideration the circuit in use. As you said, the voltage is being sampled and whilst it is constant, nothing will change. So I thank you immensely Eric.

73's to you and to Steve as well.

Cheers

Jason
VK2WAR

--- In FT897@yahoogroups.com, "Eric van de Weyer" <eric@...> wrote:
>
> Hi Jason,
>
> If you do not have the RF gain control at maximum, this will be normal
> behaviour. As you reduce the RF gain control, the S meter will gradually
> indicate more and more as the gain control normally works by putting a DC
> voltage on the AGC line to reduce the gain of the controlled amplifiers. As
> the S meter is basically reading the voltage on the AGC line, if you have a
> fixed voltage on it, then the meter will read that and only move above it if
> the incoming signal is strong enough to need more AGC.
>
> 73....Eric VK2VE.
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Risk
> Sent: Wednesday, 2 December 2009 18:19
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: S meter problem

>
> Thanx for replying Steve,
>
> Sorry for the late reply, but Ive been on my Honeymoon.
>
> Ive tried changing the AGC from Auto to Fast to Slow, but to no avail.
>
> Same old story, the S meter just sits there.
>
> Im really not sure whats causing it. Unless its something to do with HRD
> which I am running simultaneously.
>
> Jason
> VK2WAR
>
> --- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@> wrote:
> >
> > Possible you've turned the AGC off. Make sure that [AGC] (button B) is
> selected in Menu Funtion L.
> >
> > 73,
> > Steve - AA5TB
> >
> > --- In FT897@yahoogroups.com, "Risk" <risk_of_silk_and_steel@> wrote:
> > >
> > > Hi guys,
> > >
> > > When I first purchased my rig, the S meter was working quite well.
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> > > I think I have mucked around with a setting some where in the menu
> system as the S Meter never changes once I have adjusted the gain to where I
> want it.
> > >
> > > If I leave the RF gain dial where I want it. The S meter will give me a
> reading, but it doesnt change regardless of the signal received.
> > >
> > > I can have a QSO bellowing in but the S meter will remain exactly where
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> > >
> > > Is there a setting I have played with by mistake ???
> > >
> > > VK2WAR
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> Yahoo! Groups Links
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28456. Re: [FT897] Plans for a better mobile set up

Yahoo group: FT897 (2009)
Date: 2009-12-03 12:37:40 UTC
From: DavidN
Topic: 28436 Message: 28456

Cheers, thanks for the tip! Now I know how to hot wire all the Astras around here ;)

All the best with the 897 in your own Astra...

.d. G4TUP.

On Wed, Dec 2, 2009 at 9:28 PM, Damien Gardner Jnr <rendrag@...>wrote:

>
>
> Yep, thats exactly the same as the missus' car - I seriously wouldn't
> have thought there was enough leg room in there to put a transceiver,
> but it would seem I'm wrong! Hrrrm, I wonder if she'd let me screw
> stuff into her under-dash.... :)
>
> I'll definitely have to look into the mobile mount - it certainly
> beats the large number of cable ties I currently use to hold it to the
> cargo barriers in both cars!! (I mainly only use it for HF APRS when
> we're on holiday, with the occasional sitting-in-the-boot DX'ing
> session :)
>
> Cheers,
>
> Damien
>
> PS, speaking of the Astra, we found a *REALLY* big security hole on
> our last holiday... - were running a waeco fridge, so had one of those
> little 500A jump starter things sitting in the boot with it, to power
> it when the car was off - and had planned on just having a dual ended
> cig lighter cable to go between the cig lighter socket on the jump
> starter, and the car's cig lighter socket.. Except it would appear
> that the cig lighter socket on the astra is permanently wired to the
> ignition circuit.. That is, if you supply 12V there, and give the car
> a push-start, it runs, albeit in limp mode, because the key hasn't
> 'unlocked' the ECU, but you can still do up to about 60k/h in limp
> mode fairly well Since then, we always turn the wheels to hard lock
> before putting the steering lock on - don't want someone driving it
> away down a street and up onto a tandem!!
>
> Damien Gardner Jnr
> VK2TDG. Dip EE. GradIEAust
> rendrag@... <rendrag%40rendrag.net> - http://www.rendrag.net/
> --
> We rode on the winds of the rising storm,
> We ran to the sounds of thunder.

> We danced among the lightning bolts,
> and tore the world asunder
>
> On 03/12/2009, at 1:24 AM, DavidN wrote:
>
> > Hi Damien. Not sure if the Holden-make Astra is the same as the
> > Vauxhall one
> > but you'll be able to tell from the pics I've put in the photos
> > section -
> > look for *897 INSTALLED IN VAUXHALL ASTRA*. Unfortunately it hasn't
> > put them
> > in numerical order, and there wasn't much room for descriptive
> > comment! So
> > here are a few ad hoc comments....
> >
> > The mic is the Yaesu MH-59A8J. The gold earth strap (UR67 braid
> > flattened)
> > can be seen to the right. This goes to the door pillar and is only
> > about
> > seven inches long. The power cable is wired direct to the car
> > battery - the
> > garage put this through the bulkhead for me when the car was in for
> > servicing. There is plenty of room for my right leg between the seat
> > and 897
> > - I did try mounting the rig lower but it fouled my foot on the
> > brake :)
> > When driving the view of the screen is great and all controls to
> > hand. I
> > removed the fuse box cover completely so that the rig didn't have to
> > be
> > removed to get to the fuses.
> >
> > Any more questions, just ask!
> >
> > .d. G4TUP.
> >
> >
> >
> > On Tue, 1 Dec 2009 at 1:12 PM, Damien Gardner Jnr
> > <rendrag@... <rendrag%40rendrag.net>>wrote:
> >
> >>
> >>
> >> On 01/12/2009, at 9:28 PM, DavidN wrote:
> >>> For those interested my 897 is shoe-horned into a Vauxhall (Opel in
> >>> some
> >>> countries) Astra above my right knee. It's very handy there and out
> >>> of sight
> >>> of passers-by.
> >>

> >> Google tells me that in england and malta, you drive on the left side
> >> of the road like us here in .AU, so I *really* want to see a photo of
> >> this!! Unless your Astra is *really* different to our Astra (Holden,
> >> here in .au), I just can't figure out where on earth you've got it..
> >> last time we took the mrs car camping, we had trouble with 1st/3rd/
> >> 5th
> >> gear with just the 4-way adapter plugged into the cigarette lighter
> >> (yes, that's on the left..), and I just can't think of ANY space on
> >> the right hand side.. - I can't imagine fitting an 897 anywhere in
> >> the
> >> front of the thing, unless it's on top of that awesomely deep dash!
> >>
> >> So yeah, if you happen to take a photo or two and post them up, I'd
> >> *love* to see them, my mind boggles at the thought of any kind of
> >> non-
> >> remote-head rig mounted in the front of an astra! :)
> >>
> >> Cheers,
> >>
> >> Damien
> >>
> >> Damien Gardner Jnr
> >> VK2TDG. Dip EE. GradIEAust
> >> rendrag@... <rendrag%40rendrag.net> <rendrag%40rendrag.net> -
> http://www.rendrag.net/
> >> --
> >> We rode on the winds of the rising storm,
> >> We ran to the sounds of thunder.
> >> We danced among the lightning bolts,
> >> and tore the world asunder
> >>
> >> [Non-text portions of this message have been removed]
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> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >

>
>

[Non-text portions of this message have been removed]

28457. using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-04 03:50:00 UTC
From: al_lewek
Topic: 28457 Message: 28457

I am having no success in interfacing AC LOG with my FT 897D. Has anyone been able to get these 2 to work together? The radio works fine with HRD. Any hints on settings? Thank you all in advance.
AL - WA9APL

28458. Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-03 17:00:06 UTC
From: treebs.family
Topic: 28458 Message: 28458

I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....

We've a Hy-gain explorer 14 tribander beam and a trapped dipole for 40 and 80m. I've looked at the Yaesu ATUs and other separate units to go with the FT-897D but there seem to be pros and cons in all directions. I don't plan to be portable or mobile but I am a little space constrained - I work from home and the shack is one end of my work desk! Needless to say it is not on during the work day but it's a fast commute at the end of the day!

I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.

Thoughts, comments, suggestions all welcome!

Thanks,

Jenny G7BBP

28459. Wanted Dead FNB-78

Yahoo group: FT897 (2009)
Date: 2009-12-02 14:46:41 UTC
From: n4tzhradio
Topic: 28459 Message: 28459

Hi group,
I am looking for an alternate battery for the FT-897 and I need the connector that goes from the FNB-78 to the FT-897. So if anyone has the connector or a whole DEAD FNB-78, I want to hear from you.

Thanks,
Don
N4TZH

28460. RE: [FT897] Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 07:44:59 UTC
From: Jim Henry
Topic: 28458 Message: 28460

I use the LDG AT-100PRO with my 897 and it works very well. It comes complete with an interface for the rig which makes operation very easy but it can also be used with any other rig. Maximum power is 125 watts but the AT200 and AT1000 handle higher power levels. I have used my tuner on long wires, dipoles and beams.

73 de Jim, GI0DVU

<http://gi0dvu.co.uk/> http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of treebs.family
Sent: 03 December 2009 17:00
To: FT897@yahoogroups.com
Subject: [FT897] Which Tuner?

I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....

We've a Hy-gain explorer 14 tribander beam and a trapped dipole for 40 and 80m. I've looked at the Yaesu ATUs and other separate units to go with the FT-897D but there seem to be pros and cons in all directions. I don't plan to be portable or mobile but I am a little space constrained - I work from home and the shack is one end of my work desk! Needless to say it is not on during the work day but it's a fast commute at the end of the day!

I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.

Thoughts, comments, suggestions all welcome!

Thanks,

Jenny G7BBP

[Non-text portions of this message have been removed]

28461. Re: [FT897] Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 07:51:09 UTC
From: Larry D. Barr, K5WLF
Topic: 28458 Message: 28461

I'm using the LDG AT-897 and love it. It bolts onto the side of the rig, takes up little space and works beautifully.

73,
ldb
K5WLF

treebs.family wrote:
> I'm getting back in to ham radio after a break and am looking for
> advice on a tuner to go with my FT-897D. I've seen a number of
> articles but none really match my situation and I wondered if anyone
> here had any advice....
>
> We've a Hy-gain explorer 14 tribander beam and a trapped dipole for
> 40 and 80m. I've looked at the Yaesu ATUs and other separate units to
> go with the FT-897D but there seem to be pros and cons in all
> directions. I don't plan to be portable or mobile but I am a little
> space constrained - I work from home and the shack is one end of my
> work desk! Needless to say it is not on during the work day but it's
> a fast commute at the end of the day!
>
> I don't have an amp at the moment, it just the FT-897D, but we may
> consider one in the future if things go well.
>
> Thoughts, comments, suggestions all welcome!
>
> Thanks,
>
> Jenny G7BBP

28462. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 12:36:13 UTC
From: JonP
Topic: 28458 Message: 28462

I've done some testing of and research into different tuner options and come up with some rules of thumb. In the following, when I say "reliably" handle I mean that I could not create a condition that it could not handle within the SWR range given, and I could not find any research in which others were noting problems when used with a properly working antenna, rig, and tuner.

1. Rig internal automatic tuners tend to be reliable up to about a 3:1 mismatch.

2. Rig-specific external automatic tuners tend to be reliable up to about a 4:1 mismatch -- maybe 5:1.

3. Full-sized external automatics like the MFJ-991B tend to be reliable up to about 12:1.

4. Full-sized external manual tuners like the MFJ-991E tend to be reliable up to about a 20:1 mismatch.

This doesn't mean that one of these tuners won't do better than that -- it's just that I could readily create conditions that they couldn't handle or could find plenty of references of people trying to use one and having it not work for them. Whether or not they will do the job at a higher SWR seems to be a function of the specific capacitive impedance and inductive impedance values causing the higher SWR (i.e., magnitude and phase), and not simply the fact of the higher SWR.

Your first reaction may be "but I'm going to put up a good antenna, why would I ever need to match a 10:1 or 15:1 or some crazy values of capacitive and inductive impedance?? The answer is twofold:

1. Many multi-band antennas give you values of 10:1 or 15:1 or some crazy values of capacitve and inductive impedance on some bands. That's just a fact of life with multi-band antennas. For example, I have an 897D with the LDG AT-897 attached and a Radioworks Carolina Windom 80 Special. As with all multi-band antennas, the SWR and capacitive/inductive values are very different on different bands. On 80-15, the AT-897 does a fine job of tuning and I get out very nicely (WAS and DXCC). On 10 meters, the AT-897 just doesn't do the job and my signal output is weaker after tuning than before tuning. The internal tuner in a friend's Icom-746 was unable to tune up my antenna on 80/75, but was able to tune on 10 meters.

When I use an MFJ-991E with my 897, I can comfortable tune all of the bands. Recently, I used the MFJ-991E and the FT-897 to tune up a 2 meter 1/4 wave vertical on 75 meters, and got very nice 59+s from Stamford CT to Hartford CT, to Albany NY, and to White Plains NY at about 60 watts.

Don't take the above data about my Radioworks Carolina Windom 80 Special as a knock on that particular antenna. I've had similar (or more extreme) results testing on a Cobra Ultralight Sr, a Cobra Ultralight Jr., a G5RV, a homebrew Carolina Windom, a homebrew end-fed Zepp, a couple of different brands of multi-band verticals, and a couple of the Alpha-Delta multi-band slopers. Any multi-band antenna is going to give you "interesting"

combinations of capacitive and inductive reactance. You'll also see that many of them specifically recommend use with "... a good, wide-ranging external tuner ..." (to use the words from one of the Alpha-Delta antennas). Words like that in the ad for an antenna are a sure sign that you can count on being disappointed using a rig-specific tuner like the AT-897.

2. If you're running a portable rig like the FT-897, chances are you're going to take it into the field some day. And when you do you may find yourself with all sorts of interesting antennas strung up in trees or jury-rigged on poles or whatever. Unless you're operating something like a Buddipole or MP-1 where you can tune the antenna itself in the field, field work is very likely going to require you being able to match to something weird. That was why I was experimenting on the 2 meter 1/4 wave vertical -- to simulate an emergency situation where that was all I had and I had to get a signal out from Stamford CT to EOCs Hartford, Albany, and White Plains.

And please everyone -- notice I used phrases like "likely" and "reliably" and "sometimes" ... I know that you have your particular story of how you used your AT-897 on a lawn chair or a gutter spout or whatever.

Jon, KB1QBZ

--- In FT897@yahoogroups.com, "treebs.family" <treebs.family@...> wrote:
>
>
> I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
>

...

> Thanks,
>
> Jenny G7BBP
>

28463. Automatic Antenna Tuner for the FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-05 13:07:49 UTC
From: Frank Krasnicki
Topic: 28463 Message: 28463

Jenny: I'm using the Z-11 Pro from LDG. It's a small tuner. Dimensions are 5" wide X 1 1/2" high X 8" deep. The tuner is either battery powered or takes power externally. I use the same power supply as the rig. The best part is that the tuner only consumes power when it's actually tuning. Once the tune is set up, latching relays hold the setting and power drops to virtually zero.
I've had mine for over two years and love.
Good luck with anything you choose.
73
Frank K1CRU

[Non-text portions of this message have been removed]

28464. Re: [FT897] Automatic Antenna Tuner for the FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-05 13:09:57 UTC
From: zephyrnewyork
Topic: 28463 Message: 28464

Frank,

Thanks for sharing. Which power supply do you use with it, and why?

73,
Frank wf2ank

On Sat, Dec 5, 2009 at 08:07, Frank Krasnicki <fkrasnicki@...> wrote:

>
>
> Jenny: I'm using the Z-11 Pro from LDG. It's a small tuner. Dimensions are
> 5" wide X 1 1/2" high X 8" deep. The tuner is either battery powered or
> takes power externally. I use the same power supply as the rig. The best
> part is that the tuner only consumes power when it's actually tuning. Once
> the tune is set up, latching relays hold the setting and power drops to
> virtually zero.
> I've had mine for over two years and love.
> Good luck with anything you choose.
> 73
> Frank K1CRU
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28465. Re: [FT897] Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 13:57:59 UTC
From: Lew Phelps K6LMP
Topic: 28458 Message: 28465

A very thoughtful posting, Jon.

Jenny, I'd add one item to Jon's list: Build your own manual tuner.

I have built several, one capable of legal limit load (even though I don't yet own an amplifier) and the other a small portable that fits into an extruded aluminum case measuring 4x5x6.
Both of these are simple L tuners that are built so the configuration is switchable. That is, (with the big tuner) with the turn of a rotary switch, I can set it for Low Pass Input, Low Pass Output, High Pass Input and High Pass Output configuration, as well as Bypass. The portable unit is a low pass L filter (Series inductor, shunt capacitor), and I switch the shunt between input and output simply by reversing the jacks to which the antenna and rig are connected. The Big Boy will match my 40 meter horizontal loop to every HF band (including 6 meters) on which the FT897 can transmit, even though it presents SWR mismatches of 20:1 and higher on some portions of some bands. Feeding it with 450 ohm window line (through a 4:1 balun) reduces line losses when transmitting on high mismatch frequencies.

There are lots of good antenna tuner designs floating around on the internet, in ARRL publications, etc. Also lots of argument about which basic tuner design (L, Pi, T, etc) is best. For my book, the L antenna is preferable simply because only requires one capacitor and one adjustable coil. Both components are readily available from surplussales.com and on eBay.

If you want the circuit diagram for my switchable L tuner, email me offline.

Lew K6LMP

On Dec 5, 2009, at 4:36 AM, JonP wrote:

> I've done some testing of and research into different tuner options and come up with some rules of thumb. In the following, when I say "reliably" handle I mean that I could not create a condition that it could not handle within the SWR range given, and I could not find any research in which others were noting problems when used with a properly working antenna, rig, and tune
>
> 1. Rig internal automatic tuners tend to be reliable up to about a 3:1 mismatch.
>
> 2. Rig-specific external automatic tuners tend to be reliable up to about a 4:1 mismatch -- maybe 5:1.
>
> 3. Full-sized external automatics like the MFJ-991B tend to be reliable up to about 12:1.
>
> 4. Full-sized external manual tuners like the MFJ-991E tend to be reliable up to about a 20:1 mismatch.
>
> This doesn't mean that one of these tuners won't do better than that -- it's just that I

could readily create conditions that they couldn't handle or could find plenty of references of people trying to use one and having it not work for them. Whether or not they will do the job at a higher SWR seems to be a function of the specific capacitive impedance and inductive impedance values causing the higher SWR (i.e., magnitude and phase), and not simply the fact of the higher SWR.
>
> Your first reaction may be "but I'm going to put up a good antenna, why would I ever need to match a 10:1 or 15:1 or some crazy values of capacitive and inductive impedance?? The answer is twofold:
>
> 1. Many multi-band antennas give you values of 10:1 or 15:1 or some crazy values of capacitve and inductive impedance on some bands. That's just a fact of life with multi-band antennas. For example, I have an 897D with the LDG AT-897 attached and a Radioworks Carolina Windom 80 Special. As with all multi-band antennas, the SWR and capacitive/inductive values are very different on different bands. On 80-15, the AT-897 does a fine job of tuning and I get out very nicely (WAS and DXCC). On 10 meters, the AT-897 just doesn't do the job and my signal output is weaker after tuning than before tuning. The internal tuner in a friend's Icom-746 was unable to tune up my antenna on 80/75, but was able to tune on 10 meters.
>
> When I use an MFJ-991E with my 897, I can comfortable tune all of the bands. Recently, I used the MFJ-991E and the FT-897 to tune up a 2 meter 1/4 wave vertical on 75 meters, and got very nice 59+s from Stamford CT to Hartford CT, to Albany NY, and to White Plains NY at about 60 watts.
>
> Don't take the above data about my Radioworks Carolina Windom 80 Special as a knock on that particular antenna. I've had similar (or more extreme) results testing on a Cobra Ultralight Sr, a Cobra Ultralight Jr., a G5RV, a homebrew Carolina Windom, a homebrew end-fed Zepp, a couple of different brands of multi-band verticals, and a couple of the Alpha-Delta multi-band slopers. Any multi-band antenna is going to give you "interesting" combinations of capacitive and inductive reactance. You'll also see that many of them specifically recommend use with "... a good, wide-ranging external tuner ..." (to use the words from one of the Alpha-Delta antennas). Words like that in the ad for an antenna are a sure sign that you can count on being disappointed using a rig-specific tuner like the AT-897.
>
> 2. If you're running a portable rig like the FT-897, chances are you're going to take it into the field some day. And when you do you may find yourself with all sorts of interesting antennas strung up in trees or jury-rigged on poles or whatever. Unless you're operating something like a Buddipole or MP-1 where you can tune the antenna itself in the field, field work is very likely going to require you being able to match to something weird. That was why I was experimenting on the 2 meter 1/4 wave vertical -- to simulate an emergency situation where that was all I had and I had to get a signal out from Stamford CT to EOCs Hartford, Albany, and White Plains.
>
> And please everyone -- notice I used phrases like "likely" and "reliably" and "sometimes" ... I know that you have your particular story of how you used your AT-897 on a lawn chair or a gutter spout or whatever.
>
> Jon, KB1QBZ
>

> --- In FT897@yahoogroups.com, "treebs.family" <treebs.family@...> wrote:
> >
> >
> > I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
> >
>
> ...
>
> > Thanks,
> >
> > Jenny G7BBP
> >
>
>

[Non-text portions of this message have been removed]

28466. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 14:03:46 UTC
From: Charles
Topic: 28458 Message: 28466

If you're only going to use it with the bare rig, the LDG AT-897 is a good choice, LDG have released the "Plus" version of the AT-897 which is a little more intelligent and may prove an even better choice. I have the basic AT-897 and use it with my FT-897 when operating portable but I do have an old Heathkit SA-2040 which I mostly use as I also have an FT-901 that I frequently use as well.
Good luck and welcome back,
Chuck - AA3CS

--- In FT897@yahoogroups.com, "treebs.family" <treebs.family@...> wrote:
>
>
> I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
>>...>> I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.
>
> Thoughts, comments, suggestions all welcome!
>
> Thanks,
>
> Jenny G7BBP
>

[Non-text portions of this message have been removed]

28467. Ten-Tec Speech Processor

Yahoo group: FT897 (2009)
Date: 2009-12-05 14:38:25 UTC
From: Bill Barbee
Topic: 28467 Message: 28467

I have a FT-897D and I was looking at the Ten-Tec Model 715 RF Speech Processor as reviewed in
December 2009 CQ magazine. Does anyone in the group have any experience with this speech
processor?
Bill W5LV

28468. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 15:10:29 UTC
From: ke5dfr@sbcglobal.net
Topic: 28458 Message: 28468

I use the LDG AT200 Pro with my 897D and it works great. I have two antennas tie to it and it tunes then very well. Just hit the tune button on the tuner and away you go. It can handle two antennas and remember the setting for a quick tune.

Ken

28469. Wanted Dead FNB-78

Yahoo group: FT897 (2009)
Date: 2009-12-05 15:16:13 UTC
From: Phil
Topic: 28459 Message: 28469

I too have been looking for those connectors. I can't find a usable part number to order the connectors. I am making a homebrew battery pack for the FT-897. So any help on locating the mating connectors would be appreciated.

K3FOD
Phil

[Non-text portions of this message have been removed]

28470. Re: [FT897] Wanted Dead FNB-78

Yahoo group: FT897 (2009)
Date: 2009-12-05 15:59:55 UTC
From: Lew Phelps K6LMP
Topic: 28459 Message: 28470

Guys, check out Universal Radio's page on mike plugs and jacks at :

http://www.universal-radio.com/catalog/parts/micconn.html

Item 1834, the 6 pin Mic Jack, sure looks like the same thing as Yaesu uses on the battery, and the associated 6 pin mike plug looks just like the plug on the charger. You'd have to take measurements to be sure, or just order one for $3.99 and see if it will fit.

Lew K6LMP

On Dec 5, 2009, at 7:16 AM, Phil wrote:

> I too have been looking for those connectors. I can't find a usable part
> number to order the connectors. I am making a homebrew battery pack for the
> FT-897. So any help on locating the mating connectors would be appreciated.
>
> K3FOD
> Phil
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

28471. Re: [FT897] Wanted Dead FNB-78

Yahoo group: FT897 (2009)
Date: 2009-12-05 20:00:14 UTC
From: Richard Corfield
Topic: 28459 Message: 28471

This is presumably the battery charger. Does anyone know the pin-out for it?
I already own a NiMH charger for that battery voltage and capacity - but it
has only 2 pins.

Thanks
- Richard

2009/12/5 Lew Phelps K6LMP <k6lmp@...>

> Guys, check out Universal Radio's page on mike plugs and jacks at :
>
> http://www.universal-radio.com/catalog/parts/micconn.html
>
> Item 1834, the 6 pin Mic Jack, sure looks like the same thing as Yaesu uses
> on the battery, and the associated 6 pin mike plug looks just like the plug
> on the charger. You'd have to take measurements to be sure, or just order
> one for $3.99 and see if it will fit.
>
>

[Non-text portions of this message have been removed]

28472. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-05 21:44:34 UTC
From: thb201
Topic: 28458 Message: 28472

I have the new LDG YT-100 tuner which is a dedicated tuner for the FT-897. This is a true "one touch" tuner. Just press the button, the tuner changes the mode to AM, reduces power, tunes, and then returns to your previous operating settings. No more fussing around changing modes and power levels to tune up. It looks like the new AT-897 Plus tuner is the same version of this tuner that bolts on the side of the rig instead of being a separate box like the YT-100. Regardless of which type of packaging you want, either the YT-100 or AT-897 Plus is the way to go as far as I'm concerned. Just be aware that these are not "true" autotuners. A true autotuner will retune automatically without any interaction from you if you change bands or antenna because the tuner will sense a change in SWR. The LDG tuners have to be told to retune by pushing the button. Knowing that I still think these are great tuners for the FT-897.

73
John
VE3CXB

28473. Re: Wanted Dead FNB-78

Yahoo group: FT897 (2009)
Date: 2009-12-06 01:29:04 UTC
From: n4tzhradio
Topic: 28459 Message: 28473

I am looking for the 3 pin Molex type connector.

Thanks,
Don - N4TZH
--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> This is presumably the battery charger. Does anyone know the pin-out for it?
> I already own a NiMH charger for that battery voltage and capacity - but it
> has only 2 pins.
>
> Thanks
> - Richard
>
> 2009/12/5 Lew Phelps K6LMP <k6lmp@...>
>
> > Guys, check out Universal Radio's page on mike plugs and jacks at :
> >
> > http://www.universal-radio.com/catalog/parts/micconn.html
> >
> > Item 1834, the 6 pin Mic Jack, sure looks like the same thing as Yaesu uses
> > on the battery, and the associated 6 pin mike plug looks just like the plug
> > on the charger. You'd have to take measurements to be sure, or just order
> > one for $3.99 and see if it will fit.
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

28474. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-06 12:47:28 UTC
From: dyarnes1
Topic: 28458 Message: 28474

Jenny and All,

There are several factors which dictate what tuner is best. I have the 897D and the matching tuner--it does a good job, but not a great job! Often I use my 897 in the field with various types of antennas, many of which really need a more versatile tuner. At home, with just my R7 vertical, the matching tuner does pretty well. It's very convenient, but only for limited circumstances.

You really need to evaluate what you situation will be, and that includes serious thought about what antennas you will be using. Also, as you suggest, if you do decide to add an amp, then the matching ATU becomes pretty useless.

For me, it is important to have a tuner available that will deal effectively with both coax fed and balanced line fed antennas. By the way, you may find that balanced line fed antennas are a relatively cheap and easy way to get multiband capability. However, the matching ATU doesn't deal very well with this type of antenna. You can hang a balun off the back of it and hope, but your results may not be all you wanted. The range of impedences that unit is designed to handle are somewhat limited compared to many of the outboard tuners.

So, if you intend to use a reasonably resonant antenna, and you main concern is due to excursions on certain bands where you get a little too far from a resonance point giving you an SWR problem (40, 80, and 160 are typically where this happens), the matching ATU may do just fine. For just about anything more complex than that, you probably should think about a more capable/versatile outboard tuner.

Dave W7AQK

--- In FT897@yahoogroups.com, "treebs.family" <treebs.family@...> wrote:
>
>
> I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
>
> We've a Hy-gain explorer 14 tribander beam and a trapped dipole for 40 and 80m. I've looked at the Yaesu ATUs and other separate units to go with the FT-897D but there seem to be pros and cons in all directions. I don't plan to be portable or mobile but I am a little space constrained - I work from home and the shack is one end of my work desk! Needless to say it is not on during the work day but it's a fast commute at the end of the day!
>
> I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.
>
> Thoughts, comments, suggestions all welcome!
>

> Thanks,
>
> Jenny G7BBP
>

28475. WHAT DOES YO WANT???

Yahoo group: FT897 (2009)
Date: 2009-12-06 19:18:14 UTC
From: jim hyde
Topic: 28458 Message: 28475

IM NOT SURE WHAT YOU WANT. I BOUGHT A REALLY NICE FULL POWER HEATHKIT FOR 125.00. IT WORKS AND LOOKS GREAT AND CHEAP.. I PLAN TO ADD AN 811A LATER.. MY ANTENNAS ARE G5RV AND RADIO WORKS CAROLINA WINDHAM..... A j pole for 2meters...ITS SIMPLE. IF YOU DONT USE MAY, MIGHT OR MAYBE. . HAM RADIO IS LIKE LIFE JUST DO IT AND FORGET THOSE THREE M WORDS..

JIM K5DHE

_____
From: Charles <ab3gz@...>
To: FT897@yahoogroups.com
Sent: Sat, December 5, 2009 8:03:46 AM
Subject: [FT897] Re: Which Tuner?

If you're only going to use it with the bare rig, the LDG AT-897 is a good choice, LDG have released the "Plus" version of the AT-897 which is a little more intelligent and may prove an even better choice. I have the basic AT-897 and use it with my FT-897 when operating portable but I do have an old Heathkit SA-2040 which I mostly use as I also have an FT-901 that I frequently use as well.
Good luck and welcome back,
Chuck - AA3CS

--- In FT897@yahoogroups. com, "treebs.family" <treebs.family@ ...> wrote:
>
>
> I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
>>...>> I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.
>
> Thoughts, comments, suggestions all welcome!
>
> Thanks,
>
> Jenny G7BBP
>

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[Non-text portions of this message have been removed]

28476. FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 20:48:55 UTC
From: ke5bal
Topic: 28476 Message: 28476

FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. and silent no white noise. with HT keyed across the room s- meter is full scale with no audio but turn back the SQL. to white noise and you here the audio and the s-meter is full scale. I used to here the audio with the SQL. On or OFF. What's Up ?. There are no DCS tones on, did the full reset 4 times still the same.

One other thing when you hold down the HOME button it transmit full power untill you let go of the button. never happen before?

everything else works fine. but this problem stated after a new cat cable was installed along with ham radio deluxe and a MH-36 Mic?

28477. Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 21:02:20 UTC
From: bram.pe2ek
Topic: 28476 Message: 28477

pressing the home button for longer than just a moment results in transmitting a 1750Hz burst to open repaeters so it sends out a beep as long as you keep the button pressed

for the audio i tried pressing my F button to get into the on display menu rotate the vfo knob till you get sq/rf/gain and select SQ if it is set to rf-gain it wil be on a fixed sq level so you won't get audio at all is there is no signal (didn't try with my ht)

this setting seems to be a bug in fm mode
greetings
bram PE2EK

--- In FT897@yahoogroups.com, "ke5bal" <ke5bal@...> wrote:
>
> FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. and silent no white noise. with HT keyed across the room s- meter is full scale with no audio but turn back the SQL. to white noise and you here the audio and the s-meter is full scale. I used to here the audio with the SQL. On or OFF. What's Up ?. There are no DCS tones on, did the full reset 4 times still the same.
>
> One other thing when you hold down the HOME button it transmit full power untill you let go of the button. never happen before?
>
> everything else works fine. but this problem stated after a new cat cable was installed along with ham radio deluxe and a MH-36 Mic?
>

28478. Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 21:52:42 UTC
From: k7dxz
Topic: 28476 Message: 28478

Just a thought, being that the transmitter your using to test with is in close proximity of the receiver, you might overloading the front end and de sensing the receiver.

73,
Scott
K7DXZ

--- In FT897@yahoogroups.com, "ke5bal" <ke5bal@...> wrote:
>
> FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. > and silent no white noise. with HT keyed across the room s- meter is > full scale with no audio ...

28479. Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 22:14:35 UTC
From: ke5bal
Topic: 28476 Message: 28479

It is in Sql. Mode and there is a signal showing on the s meter but no audio.

--- In FT897@yahoogroups.com, "bram.pe2ek" <peek0101@...> wrote:
>
> pressing the home button for longer than just a moment results in transmitting a 1750Hz burst to open repaeters so it sends out a beep as long as you keep the button pressed
>
> for the audio i tried pressing my F button to get into the on display menu rotate the vfo knob till you get sq/rf/gain and select SQ if it is set to rf-gain it wil be on a fixed sq level so you won't get audio at all is there is no signal (didn't try with my ht)
>
> this setting seems to be a bug in fm mode
> greetings
> bram PE2EK
>
>
> --- In FT897@yahoogroups.com, "ke5bal" <ke5bal@> wrote:
> >
> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. and silent no white noise. with HT keyed across the room s- meter is full scale with no audio but turn back the SQL. to white noise and you here the audio and the s-meter is full scale. I used to here the audio with the SQL. On or OFF. What's Up ?. There are no DCS tones on, did the full reset 4 times still the same.
> >
> > One other thing when you hold down the HOME button it transmit full power untill you let go of the button. never happen before?
> >
> > everything else works fine. but this problem stated after a new cat cable was installed along with ham radio deluxe and a MH-36 Mic?
> >
>

28480. Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 22:18:43 UTC
From: ke5bal
Topic: 28476 Message: 28480

No because I can Key the Local repeater and and try to talk simplex and still have on voice audio until i turn back the sql. then i an hear the other radio and it full scale and full audio.

--- In FT897@yahoogroups.com, "k7dxz" <hamcamper@...> wrote:
>
> Just a thought, being that the transmitter your using to test with is in close proximity of the receiver, you might overloading the front end and de sensing the receiver.
>
> 73,
> Scott
> K7DXZ
>
> --- In FT897@yahoogroups.com, "ke5bal" <ke5bal@> wrote:
> >
> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. > and silent no white noise. with HT keyed across the room s- meter is > full scale with no audio ...
>

28481. Re: [FT897] FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 22:46:11 UTC
From: Joe
Topic: 28476 Message: 28481

I am curious: What is Function menu MFe set at: It sure sounds like you have inadvertently turned on CTCSS and your decode frequency is not set to your repeater code frequency.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "ke5bal" <ke5bal@...>
Subject: [FT897] FM Mode no audio please read ? HELP

> FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL. and
> silent no white noise. with HT keyed across the room s- meter is full
> scale with no audio but turn back the SQL. to white noise and you here the
> audio and the s-meter is full scale. I used to here the audio with the
> SQL. On or OFF. What's Up ?. There are no DCS tones on, did the full reset
> 4 times still the same.
>
> One other thing when you hold down the HOME button it transmit full power
> untill you let go of the button. never happen before?
>
> everything else works fine. but this problem stated after a new cat cable
> was installed along with ham radio deluxe and a MH-36 Mic?

28482. RE: [FT897] Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 23:36:22 UTC
From: eric@van-de-weyer.org
Topic: 28476 Message: 28482

You don't have tons squelch turned on, do you?

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "ke5bal" <ke5bal@...>
>Date: Sun, 06 Dec 2009 22:14:35 -0000
>Subject: [FT897] Re: FM Mode no audio please read ? HELP
>Reply-To: FT897@yahoogroups.com
>
>
>It is in Sql. Mode and there is a signal showing on the s meter but no audio.
>
>
>--- In FT897@yahoogroups.com, "bram.pe2ek" <peek0101@...> wrote:
>>
>> pressing the home button for longer than just a moment results in transmitting
>a 1750Hz burst to open repaeters so it sends out a beep as long as you keep
>the button pressed
>>
>> for the audio i tried pressing my F button to get into the on display
menu
>rotate the vfo knob till you get sq/rf/gain and select SQ if it is set to
>rf-gain it wil be on a fixed sq level so you won't get audio at all is there
>is no signal (didn't try with my ht)
>>
>> this setting seems to be a bug in fm mode
>> greetings
>> bram PE2EK
>>
>>
>> --- In FT897@yahoogroups.com, "ke5bal" <ke5bal@> wrote:
>> >
>> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL.
>and silent no white noise. with HT keyed across the room s- meter is full
>scale with no audio but turn back the SQL. to white noise and you here the
>audio and the s-meter is full scale. I used to here the audio with the SQL.
>On or OFF. What's Up ?. There are no DCS tones on, did the full reset 4
times
>still the same.
>> >
>> > One other thing when you hold down the HOME button it transmit full
power
>untill you let go of the button. never happen before?

>> >
>> > everything else works fine. but this problem stated after a new cat
cable
>was installed along with ham radio deluxe and a MH-36 Mic?
>> >
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>Yahoo! Groups Links
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28483. RE: [FT897] Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-06 23:37:39 UTC
From: eric@van-de-weyer.org
Topic: 28476 Message: 28483

Well, that probably answers my previous question.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "ke5bal" <ke5bal@...>
>Date: Sun, 06 Dec 2009 22:18:43 -0000
>Subject: [FT897] Re: FM Mode no audio please read ? HELP
>Reply-To: FT897@yahoogroups.com
>
>
>No because I can Key the Local repeater and and try to talk simplex and
still
>have on voice audio until i turn back the sql. then i an hear the other
radio
>and it full scale and full audio.
>
>--- In FT897@yahoogroups.com, "k7dxz" <hamcamper@...> wrote:
>>
>> Just a thought, being that the transmitter your using to test with is
in
>close proximity of the receiver, you might overloading the front end and
>de sensing the receiver.
>>
>> 73,
>> Scott
>> K7DXZ
>>
>> --- In FT897@yahoogroups.com, "ke5bal" <ke5bal@> wrote:
>> >
>> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL.
>> and silent no white noise. with HT keyed across the room s- meter is >
>full scale with no audio ...
>>
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>
>Yahoo! Groups Links
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28484. no audo

Yahoo group: FT897 (2009)
Date: 2009-12-07 00:02:41 UTC
From: HaroldS
Topic: 28484 Message: 28484

HI and a great day to all
I had the same trouble with my FT 857 I could see the sign on the S meter and when I opened the sq then hear the audo I had to send it back and had it repaired mine was only 8 month so cost was covered
73s and good luck K3HFE Glenn

28485. Re: using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-07 03:05:19 UTC
From: Steve Yates
Topic: 28457 Message: 28485

Hi Al,

I use AC Log all the time with my FT-897D. I've uploaded the file "AC Log Settings.gif" to the group's files section to show how mine is setup. Just be sure that the baud rate that your rig is set to matches that in the AC Log's setup (MENU No. 019).

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "al_lewek" <alewek@...> wrote:
>
> I am having no success in interfacing AC LOG with my FT 897D. Has anyone been able to get these 2 to work together? The radio works fine with HRD. Any hints on settings? Thank you all in advance.
> AL - WA9APL
>

28486. RE: [FT897] Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-07 07:41:32 UTC
From: Jim Henry
Topic: 28476 Message: 28486

Do you have a morse key plugged in? If so, remove it and see what happens.

73 de Jim, GI0DVU

<http://gi0dvu.co.uk/> http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
eric@...
Sent: 06 December 2009 23:38
To: FT897@yahoogroups.com
Subject: RE: [FT897] Re: FM Mode no audio please read ? HELP

Well, that probably answers my previous question.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>From: "ke5bal" <ke5bal@... <mailto:ke5bal%40sbcglobal.net> >
>Date: Sun, 06 Dec 2009 22:18:43 -0000
>Subject: [FT897] Re: FM Mode no audio please read ? HELP
>Reply-To: FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com>
>
>
>No because I can Key the Local repeater and and try to talk simplex and
still
>have on voice audio until i turn back the sql. then i an hear the other
radio
>and it full scale and full audio.
>
>--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "k7dxz"
<hamcamper@...> wrote:
>>
>> Just a thought, being that the transmitter your using to test with is
in
>close proximity of the receiver, you might overloading the front end and
>de sensing the receiver.
>>
>> 73,
>> Scott
>> K7DXZ
>>
>> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "ke5bal"
<ke5bal@> wrote:
>> >
>> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL.

>> and silent no white noise. with HT keyed across the room s- meter is >
>full scale with no audio ...
>>
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>Yahoo! Groups Links
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28487. Re: [FT897] Re: FM Mode no audio please read ? HELP

Yahoo group: FT897 (2009)
Date: 2009-12-07 10:49:47 UTC
From: DavidN
Topic: 28476 Message: 28487

I had this problem with no audio coming through until you opened the squelch. Also the rig had gone very deaf on the VHF port. So I returned the rig and got a replacement. This was after three months. The Sales of Goods Act in the UK allows this, or a refund. Don't let ham shops in the UK be a law unto themselves regard replacement or refund....

.d. G4TUP.

On Mon, Dec 7, 2009 at 7:41 AM, Jim Henry <jim.henry@...> wrote:

>
>
> Do you have a morse key plugged in? If so, remove it and see what happens.
>
> 73 de Jim, GI0DVU
>
> <http://gi0dvu.co.uk/> http://gi0dvu.co.uk
>
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> eric@... <eric%40van-de-weyer.org>
> Sent: 06 December 2009 23:38
> To: FT897@...m <FT897%40yahoogroups.com>
> Subject: RE: [FT897] Re: FM Mode no audio please read ? HELP
>
>
> Well, that probably answers my previous question.
>
> 73....Eric VK2VE.
>
> >-- Original Message --
> >To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>
> >From: "ke5bal" <ke5bal@... <ke5bal%40sbcglobal.net> <mailto:
> ke5bal%40sbcglobal.net <ke5bal%2540sbcglobal.net>> >
> >Date: Sun, 06 Dec 2009 22:18:43 -0000
> >Subject: [FT897] Re: FM Mode no audio please read ? HELP
> >Reply-To: FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>>
> >
> >
> >No because I can Key the Local repeater and and try to talk simplex and
> still
> >have on voice audio until i turn back the sql. then i an hear the other
> radio
> >and it full scale and full audio.

> >
> >--- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>> , "k7dxz"
>
> <hamcamper@...> wrote:
> >>
> >> Just a thought, being that the transmitter your using to test with is
> in
> >close proximity of the receiver, you might overloading the front end and
> >de sensing the receiver.
> >>
> >> 73,
> >> Scott
> >> K7DXZ
> >>
> >> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>> , "ke5bal"
>
> <ke5bal@> wrote:
> >> >
> >> > FT 897 when in FM mode only in any band with (rfgain/sql)set to SQL.
> >> and silent no white noise. with HT keyed across the room s- meter is >
> >full scale with no audio ...
> >>
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28488. Re: using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-05 11:53:01 UTC
From: ed_hudgens
Topic: 28457 Message: 28488

--- In FT897@yahoogroups.com, "al_lewek" <alewek@...> wrote:
>
> I am having no success in interfacing AC LOG with my FT 897D. Has anyone been able to get these 2 to work together? The radio works fine with HRD. Any hints on settings? Thank you all in advance.
> AL - WA9APL
>
I have been using ACLog for some time with my 897D with no problems. Are you sure you have all of the menu settings correct? I am also using a pure serial cable interface rather than a USB/serial interface.

28489. Re: LDG-897 Auto Tuner

Yahoo group: FT897 (2009)
Date: 2009-12-06 19:10:15 UTC
From: g0rdo@btinternet.com
Topic: 28439 Message: 28489

Possible you have a fault with your antenna, not the ATU.
Have you tried TX into a dummy load. If all OK with that, then it is a fault with your antenna.

--- In FT897@yahoogroups.com, "daoijo" <dokrent@...> wrote:
>
> I have the LDG auto tuner for about 1 month now and love it, but...
>
> From time to time I find myself transmitting and the HSWR indicator goes on and the SWR meter goes high. This is after I tuned it for the frequency I am transmitting on. I immediate stop transmitting when this happens and press the tune button and the SWR immediately improves. Has anyone else found this occurring with the LDG?
>

28490. ATAS 100 Antenna

Yahoo group: FT897 (2009)
Date: 2009-12-07 05:08:01 UTC
From: n5drgdanny
Topic: 28490 Message: 28490

Does anyone on this group know where i can have my ATAS 100 antenna repaired, Yeasu say's that they do not support this mobil screwdriver type antenna anymore for repairs.

My problems is that the anttena is loose insde the housing, and at its full lenth at 40 meters or any lenth it moves around enough that the audio and transmit chops or cuts out, meaning I am not going to use it any longer on my 857D, until it's repaired.

It cost to much to just discard in the trash.

Thanks for any help,
Danny
N5DRG

28491. New FT 897D New ham too

Yahoo group: FT897 (2009)
Date: 2009-12-08 05:31:17 UTC
From: RicardoH
Topic: 28491 Message: 28491

I just got the rig yesterday, it will be next month before I get either the FP 30, or batteries. To help me decide would anyone have any information on the CD-24/PA 26 combo... boy Yaesu is sure proud of these... is the CD-24 a smart charger of some kind, why is the PA 26 so much is it more than a 13V power source.

Ric
KJ6DOY

28492. No transmit on HF.

Yahoo group: FT897 (2009)
Date: 2009-12-08 03:08:52 UTC
From: iwfhvfd
Topic: 28492 Message: 28492

I've had my FT897 for a couple of years and had no problems at all. About a month ago I noticed I wasn't getting out on HF like I had been. About the only HF I do is MARS. My lose of output wasn't instant, it was a gradual tapering off to nothing over a couple of weeks. With a power/SWR meter, 2m. works perfect, but the needle doesn't even wiggle on any HF band. It makes no difference whether I'm om my trapped vertical, my home made dipole, or store bought folded dipole. No meter movement on the radio either. I've checked and triple checked everything I can think of. Any ideas or does my radio need a doctor?
Thanks for any and all ideas.

Andy
K5AJP

28493. Batteries and charger

Yahoo group: FT897 (2009)
Date: 2009-12-05 21:24:02 UTC
From: Kris
Topic: 15243 Message: 28493

I bought an original 897 awhile ago and it has both filters, both batteries and the charger with it. I will probably never use this in a portable QRP situation so I want to swap out the batteries for the power supply. Anybody interested? Ed K3CAV

28494. RE: [FT897] ATAS 100 Antenna

Yahoo group: FT897 (2009)
Date: 2009-12-08 10:57:23 UTC
From: Eric van de Weyer
Topic: 28490 Message: 28494

Hi Danny,

there is quite a bit of information on the groups to help you do it yourself. They really aren't that difficult to dismantle and reassemble and you probably just have the broken solder joint at the base which is quite common.

73....Eric VK2VE.

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of n5drgdanny
Sent: Monday, 7 December 2009 16:08
To: FT897@yahoogroups.com
Subject: [FT897] ATAS 100 Antenna

Does anyone on this group know where i can have my ATAS 100 antenna repaired, Yeasu say's that they do not support this mobil screwdriver type antenna anymore for repairs.

My problems is that the anttena is loose insde the housing, and at its full lenth at 40 meters or any lenth it moves around enough that the audio and transmit chops or cuts out, meaning I am not going to use it any longer on my 857D, until it's repaired.

It cost to much to just discard in the trash.

Thanks for any help,
Danny
N5DRG

Yahoo! Groups Links

28495. Re: [FT897] New FT 897D New ham too

Yahoo group: FT897 (2009)
Date: 2009-12-08 11:22:58 UTC
From: Richard Corfield
Topic: 28491 Message: 28495

I use a normal 25A amateur supply which doesn't have the nice advantage of fitting into the radio, but may be a cheaper alternative and does have the advantage of allowing other equipment to be easily connected to it. Mine is a switching supply, smaller and cheaper. I've not noticed problems with interference from it.

When I work portable I take some old Lumicycle cycle light battery packs I have. These are 13.2V, 4Ah. It's not as convenient as the built in battery, but again a cheaper option for me as I already had them. Some people use gel-cells which are heavier and bulkier, but again relatively cheap and available in quite large capacities.

- Richard

2009/12/8 RicardoH <huang_wan@...>

>
>
> I just got the rig yesterday, it will be next month before I get either the
> FP 30, or batteries. To help me decide would anyone have any information on
> the CD-24/PA 26 combo... boy Yaesu is sure proud of these... is the CD-24 a
> smart charger of some kind, why is the PA 26 so much is it more than a 13V
> power source.
>
> Ric
> KJ6DOY
>
>
>

[Non-text portions of this message have been removed]

28496. Re: [FT897] Re: using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-08 15:41:20 UTC
From: Al lewek
Topic: 28457 Message: 28496

Ed, thanks for the reply. I am using a USB cable, which works fine with HRD for all it's features. I have tried just about every combination of setting with no luck. Probably missing the correct one. What do you have your settings at ? I would appreciate it very much if you could share that info, so I can tell if I'm on the right track.
Thanks & 73.
AL - WA9APL

--- On Sat, 12/5/09, ed_hudgens <ebhudgens@...> wrote:

From: ed_hudgens <ebhudgens@...>
Subject: [FT897] Re: using AC LOG
To: FT897@yahoogroups.com
Date: Saturday, December 5, 2009, 5:53 AM

--- In FT897@yahoogroups. com, "al_lewek" <alewek@...> wrote:

>

> I am having no success in interfacing AC LOG with my FT 897D. Has anyone been able to get these 2 to work together? The radio works fine with HRD. Any hints on settings? Thank you all in advance.

> AL - WA9APL

>

I have been using ACLog for some time with my 897D with no problems. Are you sure you have all of the menu settings correct? I am also using a pure serial cable interface rather than a USB/serial interface.

[Non-text portions of this message have been removed]

28497. Re: New FT 897D New ham too

Yahoo group: FT897 (2009)
Date: 2009-12-08 15:56:00 UTC
From: rschaffrath
Topic: 28491 Message: 28497

Back in 2006 I used my FT-897D initially with an Astron SS-25A but found that carrying the two units was a pain. After much searching and price checking, I snagged a good deal on a brand new FP-30B from GigaParts during a one week Yaesu coupon sale. Now I carry the complete rig in a Pelican case and only have to drag along an antenna tuner.

Robert, N2JTX

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
> I just got the rig yesterday, it will be next month before I get either the FP 30, or batteries. To help me decide would anyone have any information on the CD-24/PA 26 combo... boy Yaesu is sure proud of these... is the CD-24 a smart charger of some kind, why is the PA 26 so much is it more than a 13V power source.
>
> Ric
> KJ6DOY
>

28498. Re: using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-08 18:48:31 UTC
From: Steve Yates
Topic: 28457 Message: 28498

Again...

I've uploaded the file "AC Log Settings.gif" to the group's files section to show how mine is setup. Just be sure that the baud rate that your rig is set to matches that in the AC Log's setup (MENU No. 019).

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, Al lewek <alewek@...> wrote:
>
> Ed, thanks for the reply.Â Â I am using a USB cable, which works fine with HRD for all it's features.Â Â I have tried just about every combination of setting with no luck.Â Â Probably missing the correct one.Â What do you have your settings at ?Â Â I would appreciate it very much if you could share that info, so I can tell if I'm on the right track.
> Thanks & 73.
> AL - WA9APL

28499. Re: [FT897] Re: using AC LOG

Yahoo group: FT897 (2009)
Date: 2009-12-08 20:50:52 UTC
From: Al lewek
Topic: 28457 Message: 28499

Steve, yes, I matched your settings and made sure that the baud rate matched the menu in the radio. Still no luck. Next, I'm going to try a different cable. Is your radio a "D" model? Mine is. Maybe there is a difference if yours is not.
Thanks.
AL - WA9APL

--- On Tue, 12/8/09, Steve Yates <aa5tb@...> wrote:

From: Steve Yates <aa5tb@...>
Subject: [FT897] Re: using AC LOG
To: FT897@yahoogroups.com
Date: Tuesday, December 8, 2009, 12:48 PM

Again...

I've uploaded the file "AC Log Settings.gif" to the group's files section to show how mine is setup. Just be sure that the baud rate that your rig is set to matches that in the AC Log's setup (MENU No. 019).

73,

Steve - AA5TB

--- In FT897@yahoogroups. com, Al lewek <alewek@...> wrote:

>

> Ed, thanks for the reply.Â Â I am using a USB cable, which works fine with HRD for all it's features.Â Â I have tried just about every combination of setting with no luck.Â Â Probably missing the correct one.Â What do you have your settings at ?Â Â I would appreciate it very much if you could share that info, so I can tell if I'm on the right track.

> Thanks & 73.

> AL - WA9APL

[Non-text portions of this message have been removed]

28500. Re: [FT897] Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-08 20:52:35 UTC
From: af6cm_yahoo@myfastmail.com
Topic: 28458 Message: 28500

I have an LDG tuner, the AT-897. I like it, and it is probably the best choice for a *portable* station.

Reading your question, you are not constrained to be portable.

In your case, I strongly recommend a remote tuner. The reason for this is that tuners tune the feedline + antenna + balun (if there is one) *system*. You want to tune the antenna only if possible. Or reduce the length of the transmission line that the tuner tunes.

Having read this list for a while, I know that most users love their LDG tuners and recommend them. I agree with them for cases where the radio is used as a portable unit. This is not a criticism of the LDG tuners! They have an excellent tuning range, which is what I like most about them.

Another advantage for you is that the remote tuner will not take up space on your desk. It will probably be mounted under the eaves of your house.

Some examples are the Yaesu FC-40 (not to be confused with the Yaesu FC-30 which has a very limited tuning range) and the SDG tuners. Have a look at the reviews for these one eham.net.

73!
Rob
AF6CM

On Thu, 03 Dec 2009 17:00 +0000, "treebs.family" <treebs.family@...> wrote:

I'm getting back in to ham radio after a break and am looking for advice on a tuner to go with my FT-897D. I've seen a number of articles but none really match my situation and I wondered if anyone here had any advice....
We've a Hy-gain explorer 14 tribander beam and a trapped dipole for 40 and 80m. I've looked at the Yaesu ATUs and other separate units to go with the FT-897D but there seem to be pros and cons in all directions. I don't plan to be portable or mobile but I am a little space constrained - I work from home and the shack is one end of my work desk! Needless to say it is not on during the work day but it's a fast commute at the end of the day!
I don't have an amp at the moment, it just the FT-897D, but we may consider one in the future if things go well.
Thoughts, comments, suggestions all welcome!

Thanks,
Jenny G7BBP

28501. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-09 01:56:26 UTC
From: jcglt
Topic: 28458 Message: 28501

Hi,
It depends on one's needs. I shall eventually use my FT897D as a Maritime Mobile station aboard my sailboat and intend to use a SGC SG-237 Smartuner just against an insulated backstay and with about 20 feet of steel chain dropping in the water. It should be quite simple and nice.
73s, JC FK8IH

28502. Mem/VFO knob problems on used unit

Yahoo group: FT897 (2009)
Date: 2009-12-08 11:51:31 UTC
From: pascalpete
Topic: 28502 Message: 28502

Greetings.

I am a new ham and just bought a used ft-897D. It arrived yesterday and within 5 minutes of hooking it up I came across what I believe is a significant problem. The seller tells me this is normal across aging FT-897D's, but I have never come across this in any review or search results...and I certainly read a lot about this radio before settling on it.

When I rotate the Mem/VFO knob, be it in tuning mode or to move through menus, a part of the time the knob starts "reversing" its function. That is, when I am spinning the knob clockwise to increase the frequency, the numbers go up...but sometimes they start reversing and coming down. The menus seem to work the same way. They start going to the higher letter menus but then will "jump" down low several menus.

The knob also feels very "loose" to me, but granted this is the first time I've ever put my hands on an FT-897D.

I contacted the seller and told them I wanted to return the radio for a refund but they urged me to check online and that I would see that this is common for this radio. He said that just spinning the knob rapidly will get it working in the correct direction (which it seems to, but doesn't help "fine tuning" much) and that lack of use of the knob over time leads to this behavior (he was controlling the radio via a computer).

My fear is that this knob is getting ready to "go", and since it is used for nearly all operations and settings on the radio, if it fails I am totally screwed.

In the 30 minutes that I played with the radio I certainly did realize that the FT-897D *is* the radio I want. I would love for this to be just a nuisance and not a major problem, but I don't want to be naive about it either.

I would appreciate it if anyone has some insights on this issue.

Thanks in advance,

Peter Lee
KD8MES

28503. Re: [FT897] Mem/VFO knob problems on used unit

Yahoo group: FT897 (2009)
Date: 2009-12-09 05:36:27 UTC
From: Joe
Topic: 28502 Message: 28503

The rotary encoder 'knob' is bad and needs to be replaced. It is not expensive and if you are in the least bit electronically minded, you an replace it yourself. Sometimes, carefully removing the knobs and vacuuming out the dust and lint around the knob shaft will help.

I have also read where that shaft is easily broken if 'bumped' while moving it around.

If you don't want to deal with it, insist the seller take it back...it will not get better.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "pascalpete" <YahooGroups@...>
Subject: [FT897] Mem/VFO knob problems on used unit

> When I rotate the Mem/VFO knob, be it in tuning mode or to move through
> menus, a part of the time the knob starts "reversing" its function. That
> is, when I am spinning the knob clockwise to increase the frequency, the
> numbers go up...but sometimes they start reversing and coming down. The
> menus seem to work the same way. They start going to the higher letter
> menus but then will "jump" down low several menus.

28504. Re: [FT897] Mem/VFO knob problems on used unit

Yahoo group: FT897 (2009)
Date: 2009-12-09 05:44:19 UTC
From: Finnigann
Topic: 28502 Message: 28504

On Tue, 08 Dec 2009 06:51:31 -0500, pascalpete wrote: > Greetings. > > I am a new ham and just bought a used ft-897D. It arrived yesterday and > within 5 minutes of hooking it up I came across what I believe is a > significant problem. The seller tells me this is normal across aging > FT-897D's, but I have never come across this in any review or search > results...and I certainly read a lot about this radio before settling on > it. No, it's NOT normal, it maybe more common than Yaesu would like but it ain't normal. I have a problem with the knob and I looked into repairs. About $135 plus shipping to a place (can't recall just now) that was recommended for repairs from Yaesu. I got a quote; an hour and a quarter @75 plus the part. total about 135 (Maybe that did include the shipping) Anyway, the front face needs to be removed and the knob has to be removed from the circuit board. More than I want to try. So I live with it. I have to press hard (varying amounts) to toggle the knobs functions. I know that's not what you have going on, but it sounds like you may need the knob replaced nonetheless. BTW I bought mine new but didn't use/realize there was a problem until past the warranty. Yes, it's a great radio, get one that works. > > When I rotate the Mem/VFO knob, be it in tuning mode or to move through > menus, a part of the time the knob starts "reversing" its function. That > is, when I am spinning the knob clockwise to increase the frequency, the > numbers go up...but sometimes they start reversing and coming down. The > menus seem to work the same way. They start going to the higher letter > menus but then will "jump" down low several menus. > > The knob also feels very "loose" to me, but granted this is the first > time I've ever put my hands on an FT-897D. > > I contacted the seller and told them I wanted to return the radio for a > refund but they urged me to check online and that I would see that this > is common for this radio. He said that just spinning the knob rapidly > will get it working in the correct direction (which it seems to, but > doesn't help "fine tuning" much) and that lack of use of the knob over > time leads to this behavior (he was controlling the radio via a > computer). > > My fear is that this knob is getting ready to "go", and since it is used > for nearly all operations and settings on the radio, if it fails I am > totally screwed. > > In the 30 minutes that I played with the radio I certainly did realize > that the FT-897D *is* the radio I want. I would love for this to be just > a nuisance and not a major problem, but I don't want to be naive about > it either. > > I would appreciate it if anyone has some insights on this issue. > > Thanks in advance, > > Peter Lee > KD8MES > --
? 73'S
DE KC8UGV
Remembering our Vets - Then and Now
? ? ? ? ? ? ? ? ? ? ? HTTP://www.tinyurl.com/bcarc12 ?
? ? ? ? ? ? ? ? ?http://my.opera.com/Finnigann/blog ?
http://community.webshots.com/user/finnigann ?

28505. Re: [FT897] Mem/VFO knob problems on used unit

Yahoo group: FT897 (2009)
Date: 2009-12-09 16:41:36 UTC
From: Paul Harris
Topic: 28502 Message: 28505

Peter
 I bought mine brand new 5yrs ago and the knob has always been floppy, it is on a plastic shaft and there has been numerous questions about this. My mem knob also goes backward it seems to happen randomly, however as you say if you turn it fast it works correctly, the rest of the radio works fine on all modes etc. Paul KB2VEC

--- On Tue, 12/8/09, pascalpete <YahooGroups@...> wrote:

From: pascalpete <YahooGroups@...>
Subject: [FT897] Mem/VFO knob problems on used unit
To: FT897@yahoogroups.com
Date: Tuesday, December 8, 2009, 6:51 AM

Greetings.

I am a new ham and just bought a used ft-897D. It arrived yesterday and within 5 minutes of hooking it up I came across what I believe is a significant problem. The seller tells me this is normal across aging FT-897D's, but I have never come across this in any review or search results...and I certainly read a lot about this radio before settling on it.

When I rotate the Mem/VFO knob, be it in tuning mode or to move through menus, a part of the time the knob starts "reversing" its function. That is, when I am spinning the knob clockwise to increase the frequency, the numbers go up...but sometimes they start reversing and coming down. The menus seem to work the same way. They start going to the higher letter menus but then will "jump" down low several menus.

The knob also feels very "loose" to me, but granted this is the first time I've ever put my hands on an FT-897D.

I contacted the seller and told them I wanted to return the radio for a refund but they urged me to check online and that I would see that this is common for this radio. He said that just spinning the knob rapidly will get it working in the correct direction (which it seems to, but doesn't help "fine tuning" much) and that lack of use of the knob over time leads to this behavior (he was controlling the radio via a computer).

My fear is that this knob is getting ready to "go", and since it is used for nearly all operations and settings on the radio, if it fails I am totally screwed.

In the 30 minutes that I played with the radio I certainly did realize that the FT-897D *is* the radio I want. I would love for this to be just a nuisance and not a major problem, but I don't want to be naive about it either.

I would appreciate it if anyone has some insights on this issue.

Thanks in advance,

Peter Lee

KD8MES

[Non-text portions of this message have been removed]

28506. Rig on Gel-Cells or any issues while on gel-cells/battery

Yahoo group: FT897 (2009)
Date: 2009-12-09 23:13:54 UTC
From: Mr Albert Furlow
Topic: 28506 Message: 28506

Hello all,

Been thinking about my shack. I am running Gel-cells for everything.
Without any issues or report of bad audio etc, on my FT897.

The questions is, have you notice or had any reports about your FT897 while
on battery power?

Also, when on internal battery, max out is 20 watts, volt is 13.2 v, while
on internal battery pack.

What do you think? How do you run your station while on gel-cell / battery
systems, how do you set it up?

TNXS
AL KA1FFO

28507. LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-09 23:53:00 UTC
From: wowi2010
Topic: 28507 Message: 28507

I bought an LDG FTL meter a few weeks ago. After a couple of weeks, it only worked when I shifted the plug of the connecting cable that goes into the radio, hence and force. Now, even that does not help anymore and the needle only moves when I hold that plug very firmly to the right side when inserted which is not practically. I am sure that others have experienced similar issue. Will change of plug help?

28508. Re: [FT897] Rig on Gel-Cells or any issues while on gel-cells/battery

Yahoo group: FT897 (2009)
Date: 2009-12-10 02:37:41 UTC
From: Larry D. Barr, K5WLF
Topic: 28506 Message: 28508

Al,

I'm running my shack: 2 X FT-897D, FT-2800M, FT-8800R, Icom R-75 and Dell Vostro 1500 laptop on a battery/PS system. The 2 X 100 Ah AGM batteries are charged through a WMR PG40S SuperPWRGate driven by a 45A linear PS. Power is distributed via a WMR RigRunner 4012.

In the event of a grid failure the system changes seamlessly to battery power. I get full output power from all the rigs and have never had any adverse remarks about my signal while running on battery power.

Operating time is, of course, dependent on the number of radios I operate and the duty cycle.

If you'd like more info, feel free to email me directly.

73,
ldb
K5WLF

Mr Albert Furlow wrote:
> Hello all,
>
> Been thinking about my shack. I am running Gel-cells for everything.
> Without any issues or report of bad audio etc, on my FT897.
>
> The questions is, have you notice or had any reports about your FT897 while
> on battery power?
>
> Also, when on internal battery, max out is 20 watts, volt is 13.2 v, while
> on internal battery pack.
>
> What do you think? How do you run your station while on gel-cell / battery
> systems, how do you set it up?
>
> TNXS
> AL KA1FFO

28509. RE: [FT897] Rig on Gel-Cells or any issues while on gel-cells/battery

Yahoo group: FT897 (2009)
Date: 2009-12-10 02:49:37 UTC
From: Mr Albert Furlow
Topic: 28506 Message: 28509

ldb

This is what was I am asking. Good stuff. Yes PM is coming.
AL KA1FFO

albeham@...

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com]On Behalf Of
Larry D. Barr, K5WLF
Sent: Wednesday, December 09, 2009 9:38 PM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Rig on Gel-Cells or any issues while on
gel-cells/battery

Al,

I'm running my shack: 2 X FT-897D, FT-2800M, FT-8800R, Icom R-75 and
Dell Vostro 1500 laptop on a battery/PS system. The 2 X 100 Ah AGM
batteries are charged through a WMR PG40S SuperPWRGate driven by a 45A
linear PS. Power is distributed via a WMR RigRunner 4012.

In the event of a grid failure the system changes seamlessly to battery
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adverse remarks about my signal while running on battery power.

Operating time is, of course, dependent on the number of radios I
operate and the duty cycle.

If you'd like more info, feel free to email me directly.

73,
ldb
K5WLF

Mr Albert Furlow wrote:
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>
> Been thinking about my shack. I am running Gel-cells for everything.
> Without any issues or report of bad audio etc, on my FT897.
>
> The questions is, have you notice or had any reports about your FT897
while
> on battery power?
>
> Also, when on internal battery, max out is 20 watts, volt is 13.2 v,
while

> on internal battery pack.
>
> What do you think? How do you run your station while on gel-cell /
battery
> systems, how do you set it up?
>
> TNXS
> AL KA1FFO

[Non-text portions of this message have been removed]

28510. Re: [FT897] LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-10 02:57:28 UTC
From: Larry D. Barr, K5WLF
Topic: 28507 Message: 28510

I have an FTL meter and have used it for a couple years with both of my FT-897Ds with no problems at all. I just line up the plug with the jack and press it home. No worries.

BTW, what's your call sign?

73,
ldb
K5WLF

wowi2010 wrote:
> I bought an LDG FTL meter a few weeks ago. After a couple of weeks,
> it only worked when I shifted the plug of the connecting cable that
> goes into the radio, hence and force. Now, even that does not help
> anymore and the needle only moves when I hold that plug very firmly
> to the right side when inserted which is not practically. I am sure
> that others have experienced similar issue. Will change of plug help?

28511. Re: [FT897] LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-10 05:07:24 UTC
From: Wolfgang Wittmann
Topic: 28507 Message: 28511

Good on ya, Larry. Sould I be the only one who has ever experienced this problem?

73 Wolfgang VK2LKW

--- On Thu, 10/12/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:

From: Larry D. Barr, K5WLF <k5wlf@rebelwolf.com>
Subject: Re: [FT897] LDG FTL Meter: Connection problem of plug into FT897
To: FT897@yahoogroups.com
Received: Thursday, 10 December, 2009, 2:57 AM

I have an FTL meter and have used it for a couple years with both of my
FT-897Ds with no problems at all. I just line up the plug with the jack
and press it home. No worries.

BTW, what's your call sign?

73,
ldb
K5WLF

wowi2010 wrote:
> I bought an LDG FTL meter a few weeks ago. After a couple of weeks,
> it only worked when I shifted the plug of the connecting cable that
> goes into the radio, hence and force. Now, even that does not help
> anymore and the needle only moves when I hold that plug very firmly
> to the right side when inserted which is not practically. I am sure
> that others have experienced similar issue. Will change of plug help?

Win 1 of 4 Sony home entertainment packs thanks to Yahoo!7.
Enter now: http://au.docs.yahoo.com/homepageset/

[Non-text portions of this message have been removed]

28512. Re: [FT897] LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-10 06:28:28 UTC
From: Larry D. Barr, K5WLF
Topic: 28507 Message: 28512

I don't know if you're the only one, but if you're not -- I'll bet
you'll find some folks on this group to help you figure it out. This is
a heck of a good group of hams.

Best of luck.
73,
ldb
K5WLF

Wolfgang Wittmann wrote:
> Good on ya, Larry. Sould I be the only one who has ever experienced this problem?
>
> 73 Wolfgang VK2LKW
>
> --- On Thu, 10/12/09, Larry D. Barr, K5WLF <k5wlf@...> wrote:
>
>
> From: Larry D. Barr, K5WLF <k5wlf@...>
> Subject: Re: [FT897] LDG FTL Meter: Connection problem of plug into FT897
> To: FT897@yahoogroups.com
> Received: Thursday, 10 December, 2009, 2:57 AM
>
> I have an FTL meter and have used it for a couple years with both of my
> FT-897Ds with no problems at all. I just line up the plug with the jack
> and press it home. No worries.
>
> BTW, what's your call sign?
>
> 73,
> ldb
> K5WLF
>
> wowi2010 wrote:
>> I bought an LDG FTL meter a few weeks ago. After a couple of weeks,
>> it only worked when I shifted the plug of the connecting cable that
>> goes into the radio, hence and force. Now, even that does not help
>> anymore and the needle only moves when I hold that plug very firmly
>> to the right side when inserted which is not practically. I am sure
>> that others have experienced similar issue. Will change of plug help?

28513. Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-09 16:05:23 UTC
From: jrichard333
Topic: 28513 Message: 28513

Howdy,

Has anyone had this problem with their FT-897D? The receiver will develop intermittent static noise. Sounds similiar to static crashes encountered on 80m. This happens on all bands regardless of the mode of operation i.e. AM, FM, SSB, CW, and PSK.

When listening to PSK signals,using DM-780, you actually see an increase in the noise floor of the receiver, using the waterfall, on 20m. The noise will cover up the signals and then go away. It is pretty annoying.

These are the things I have done so far:

1. I disconnected all antennas.
2. I tightend all screws on the top board of the transceiver.
3. I did a master reset.
4. I changed power supplies (FC-30B)

My thoughts are that the static noise is being generated somewhere in the 1st mixing stage of the IF. I am thinking one of my IF filters may be defective, but I am not sure.

JR

28514. 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-10 01:22:10 UTC
From: wchilcote
Topic: 28514 Message: 28514

I'm a newebie, license ink just dried.
When I use menu 61 to set for SWR, returning to regular function (by pressing the f button again) I still get a pwr label/indication on the meter...
What am I missing here?

Wayne KF7GKA

28515. settings for ssb

Yahoo group: FT897 (2009)
Date: 2009-12-09 16:22:53 UTC
From: G
Topic: 28515 Message: 28515

Hi all just got my 897 and all I can say recieve wise is wow its hearing things nothing has ever heard before from my qth,but I need help as cannot seem to get set up right for outgoing on ssb. Gone through manual and all seems right but only seems to give about 50w output check swr and powet through mfj949e tuner and on fm 100w as soon as on ssb peaking about 55w on 3 different antennas crazy I can hear everything but bcannot work anyone please help.
Glyn
M1DBF

28516. tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-09 17:08:54 UTC
From: G
Topic: 28516 Message: 28516

Hi all got my 897 a few days ago and use with mfj949e tuner.Recieve wow its better than anything that ive had at this qth but my problem comes when txing been through manual and sure all is ok tune antenna and on fm shows 100w on meter fine as I tx on ssb peaks at 55w maybe just not driving hard enough with standard or dtmf mic I dont know but before with a few radios I could hardly hear anything but could work what I could hear now I can hear loads but cannot work anything been sat shouting cq for over an hour with no takers and answering other people and not getting through grr I am sure its nothing wroing just something stupid that I have or have not done lol tried with 3 different antennas and its driving me around the bend .
Please help
Best regards
Glyn
M1DBF

28517. RE: [FT897] settings for ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 07:18:40 UTC
From: D. F.
Topic: 28515 Message: 28517

First, what kind of antenna(s) are you using and are they resonant for the bands you want to use? Remember that while an AM or FM signal will give you full power readings, SSB will not, because SSB has no carrier other than your voice. So, if you do not have a very strong voice (NOT shouting) you may not get full output readings. Plus, the peaks in your voice may be so quick that the meter may not have time to display them.

Check your antenna(s) with an analyzer (if possible) to ensure they are working on the bands you want. Sounds to me that you are putting out a signal to the antenna, but the antenna may not be putting that signal out.

As far as the settings for SSB, that is something you will need to play with, preferably with someone on the other end of a signal to give you reports, since each persons voice is different and the settings may be different for you.

At this point I do not believe there is a problem with the rig, just need to check a few things and tweek some settings.

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of G
Sent: Wednesday, December 09, 2009 10:23
To: FT897@yahoogroups.com
Subject: [FT897] settings for ssb

Hi all just got my 897 and all I can say recieve wise is wow its hearing things nothing has ever heard before from my qth,but I need help as cannot seem to get set up right for outgoing on ssb. Gone through manual and all seems right but only seems to give about 50w output check swr and powet through mfj949e tuner and on fm 100w as soon as on ssb peaking about 55w on 3 different antennas crazy I can hear everything but bcannot work anyone please help.
Glyn
M1DBF

[Non-text portions of this message have been removed]

28518. RE: [FT897] 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-10 07:21:02 UTC
From: Simon
Topic: 28514 Message: 28518

You'll need to use the "F" button to activate the multifunction buttons under the display, and scroll through till you find the option there (can't remember the exact option right now, not where my radio is ATM)

once you locate it, you can switch the meter between SWR, and RF, and this won't change till you press the button again to change back.

Cheers

Simon

(VK5LNX)

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of wchilcote
Sent: Thursday, 10 December 2009 11:52 AM
To: FT897@yahoogroups.com
Subject: [FT897] 897D swr setting won't stay on

I'm a newebie, license ink just dried.
When I use menu 61 to set for SWR, returning to regular function (by pressing the f button again) I still get a pwr label/indication on the meter...
What am I missing here?

Wayne KF7GKA

[Non-text portions of this message have been removed]

28519. Re: Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-10 07:24:32 UTC
From: yo5orw
Topic: 28513 Message: 28519

Take a look at this post:
http://groups.yahoo.com/group/FT897/message/27846?threaded=1

I think is the same problem I have. I didnt solved it yet... I need to send the transceiver back to the dealer.
The problem seems to be caused by a ceramic filter on RX, more exactly CF1005.

best regards,
Cosmin - YO5ORW

--- In FT897@yahoogroups.com, "jrichard333" <jrichard333@...> wrote:
>
> Howdy,
>
> Has anyone had this problem with their FT-897D? The receiver will develop intermittent static noise. Sounds similiar to static crashes encountered on 80m. This happens on all bands regardless of the mode of operation i.e. AM, FM, SSB, CW, and PSK.
>
> When listening to PSK signals,using DM-780, you actually see an increase in the noise floor of the receiver, using the waterfall, on 20m. The noise will cover up the signals and then go away. It is pretty annoying.
>
> These are the things I have done so far:
>
> 1. I disconnected all antennas.
> 2. I tightend all screws on the top board of the transceiver.
> 3. I did a master reset.
> 4. I changed power supplies (FC-30B)
>
> My thoughts are that the static noise is being generated somewhere in the 1st mixing stage of the IF. I am thinking one of my IF filters may be defective, but I am not sure.
>
> JR
>

28520. Re: [FT897] 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-10 09:08:03 UTC
From: Joe
Topic: 28514 Message: 28520

Function Menu MFi

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Simon" <igotspammed@...>
Subject: RE: [FT897] 897D swr setting won't stay on

> You'll need to use the "F" button to activate the multifunction buttons
> under the display, and scroll through till you find the option there
> (can't
> remember the exact option right now, not where my radio is ATM)

28521. Re: LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-10 11:12:59 UTC
From: Geert Jan de Groot
Topic: 28507 Message: 28521

> I bought an LDG FTL meter a few weeks ago. After a couple of weeks,
> it only worked when I shifted the plug of the connecting cable that
> goes into the radio, hence and force. Now, even that does not help
> anymore and the needle only moves when I hold that plug very firmly
> to the right side when inserted which is not practically.

This is just a 3.5mm "stereo" plug, the meter is between tip and base
(middle ring isn't used). The meter itself is just an 1mA full scale meter.

I believe there are 2 possibilities:
- The plug on the cable is broken (not uncommon, also, the cable
connection might have broken)
- The socket on the display board is broken (not common,
but not unfeasible if you have used force on the socket)

It's definitely easier and cheaper to test this using a different
3.5mm plug. These are common, even radio shack might have them,
or just swipe a cable + plug from a PC speaker set.
(these plugs are straight and the LDC cable is not, but it's
useful to do this just for testing and take it from there).

If it's the socket that is bust, then it is possible to get a replacement
from Yaesu, but this needs a bit more skill to replace this.

Let is know how it goes,

73,

Geert Jan de Groot PE1HZG

28522. RE: [FT897] tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 12:17:50 UTC
From: Jim Henry
Topic: 28516 Message: 28522

Seems to me you rig is working properly. You will not get the meter to read 100 watts on SSB, mine normally reads about 55 watts. E-mail me directly, not via the group and I will explain

73 de Jim, GI0DVU

<http://gi0dvu.co.uk/> http://gi0dvu.co.uk

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of G
Sent: 09 December 2009 17:09
To: FT897@yahoogroups.com
Subject: [FT897] tx settings ssb

Hi all got my 897 a few days ago and use with mfj949e tuner.Recieve wow its better than anything that ive had at this qth but my problem comes when txing been through manual and sure all is ok tune antenna and on fm shows 100w on meter fine as I tx on ssb peaks at 55w maybe just not driving hard enough with standard or dtmf mic I dont know but before with a few radios I could hardly hear anything but could work what I could hear now I can hear loads but cannot work anything been sat shouting cq for over an hour with no takers and answering other people and not getting through grr I am sure its nothing wroing just something stupid that I have or have not done lol tried with 3 different antennas and its driving me around the bend .
Please help
Best regards
Glyn
M1DBF

[Non-text portions of this message have been removed]

28523. Re: [FT897] Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-10 13:42:48 UTC
From: Phil
Topic: 28513 Message: 28523

JR

I had a similar problem with a FT897D I purchased used. If you se
On Wed, Dec 9, 2009 at 11:05 AM, jrichard333 <jrichard333@...>wrote:

>
>
> Howdy,
>
> Has anyone had this problem with their FT-897D? The receiver will develop
> intermittent static noise. Sounds similiar to static crashes encountered on
> 80m. This happens on all bands regardless of the mode of operation i.e. AM,
> FM, SSB, CW, and PSK.
>
> When listening to PSK signals,using DM-780, you actually see an increase in
> the noise floor of the receiver, using the waterfall, on 20m. The noise will
> cover up the signals and then go away. It is pretty annoying.
>
> These are the things I have done so far:
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> 1. I disconnected all antennas.
> 2. I tightend all screws on the top board of the transceiver.
> 3. I did a master reset.
> 4. I changed power supplies (FC-30B)
>
> My thoughts are that the static noise is being generated somewhere in the
> 1st mixing stage of the IF. I am thinking one of my IF filters may be
> defective, but I am not sure.
>
> JR
>
>
>

[Non-text portions of this message have been removed]

28524. Re: [FT897] Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-10 13:49:43 UTC
From: Phil
Topic: 28513 Message: 28524

JR,

Your problem sounds simialr to what I had. I ended up sending my back to Vertex Standard for repair. They replaced 3 ceramic filters which fixed the problem. It appears they have seen this problem before. I hope this helps.

Phil
K3FOD

On Wed, Dec 9, 2009 at 11:05 AM, jrichard333 <jrichard333@...>wrote:

>
>
> Howdy,
>
> Has anyone had this problem with their FT-897D? The receiver will develop
> intermittent static noise. Sounds similiar to static crashes encountered on
> 80m. This happens on all bands regardless of the mode of operation i.e. AM,
> FM, SSB, CW, and PSK.
>
> When listening to PSK signals,using DM-780, you actually see an increase in
> the noise floor of the receiver, using the waterfall, on 20m. The noise will
> cover up the signals and then go away. It is pretty annoying.
>
> These are the things I have done so far:
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> 1. I disconnected all antennas.
> 2. I tightend all screws on the top board of the transceiver.
> 3. I did a master reset.
> 4. I changed power supplies (FC-30B)
>
> My thoughts are that the static noise is being generated somewhere in the
> 1st mixing stage of the IF. I am thinking one of my IF filters may be
> defective, but I am not sure.
>
> JR
>
>
>

[Non-text portions of this message have been removed]

28525. Re: [FT897] settings for ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 16:12:33 UTC
From: William Whyte
Topic: 28515 Message: 28525

Hello G,
                The AVERAGE power on
ssb is normal about 50 to 60 % of full power INDICATED because meters (of any kind)
 cannot react fast enough.   If your SWR is reasonable, say 2 to 1 or better you should
be able to make contacts especially on 40 meters.
                                                                                73

"Ollie" k0lqk
--- On Wed, 12/9/09, G <gjones678@...> wrote:

From: G <gjones678@...>
Subject: [FT897] settings for ssb
To: FT897@yahoogroups.com
Date: Wednesday, December 9, 2009, 10:22 AM

Hi all just got my 897 and all I can say recieve wise is wow its hearing things nothing has ever heard before from my qth,but I need help as cannot seem to get set up right for outgoing on ssb. Gone through manual and all seems right but only seems to give about 50w output check swr and powet through mfj949e tuner and on fm 100w as soon as on ssb peaking about 55w on 3 different antennas crazy I can hear everything but bcannot work anyone please help.

Glyn

M1DBF

[Non-text portions of this message have been removed]

28526. Re: settings for ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 16:23:00 UTC
From: g8hul
Topic: 28515 Message: 28526

> HelloÂ G,
> Â Â Â

28527. Re: [FT897] settings for ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 16:32:01 UTC
From: Joe
Topic: 28515 Message: 28527

Another thing one can do, albeit a might pricy, (sic) would be to purchase a peak reading watt meter.
The Bird 43, with a kit, works very nicely and is extremely accurate across the spectrum.
http://birdtechnologies.thomasnet.com/item/wattmeters-and-line-sections/portable-wattmeters/43p?&seo=110

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "William Whyte" <olliewhy@...>
Subject: Re: [FT897] settings for ssb

Hello G,
The AVERAGE power on
ssb is normal about 50 to 60 % of full power INDICATED because meters (of any kind)
cannot react fast enough. If your SWR is reasonable, say 2 to 1 or better you should
be able to make contacts especially on 40 meters.

28528. Re: Which Tuner?

Yahoo group: FT897 (2009)
Date: 2009-12-10 16:34:11 UTC
From: fil_jds
Topic: 28458 Message: 28528

Hi JC,

"about 20 feet of steel chain dropping in the water" ???
That's the old remedy for a lightning grounding in an emergency situation.
Are lightning grounds good RF grounds...guess not.

Think about the joys of being able to use your FT897 UNDER SAIL! Forget about good DX-ing from inside a marina with your chain hanging overboard...marinas are extremely RF-noisy with all your neighbour's intelligent high-frequency battery chargers!

Invest a little time on the net, e.g. the SSCA discussion board to find out about good RF-ground systems and counterpises on board a sailing boat.

As a ATU I would recommend the SGC-230 or the CG-3000.
I have the yaesu FC40 but am not satisfied with it's impedance matching range.

Think about the length of your sloping wire antenna in function of the bands you will want to work. 40 m - 17m is quite feasible with a total length of about 9.6-10 meters. On 17m it is about 0.625 wavelength (= 5/8) giving the best gain with low take-off angle. For any higher frequencies you will get strong lobes at high angles so a cloud warmer...
The typical 12-13m backstay wire antenna will give good results 80m-20m but not higher freq.

Good luck,

jan
ON3ZTT/MM

--- In FT897@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> Hi,
> It depends on one's needs. I shall eventually use my FT897D as a Maritime Mobile station aboard my sailboat and intend to use a SGC SG-237 Smartuner just against an insulated backstay and with about 20 feet of steel chain dropping in the water. It should be quite simple and nice.
> 73s, JC FK8IH
>

28529. Re: [FT897] tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 17:55:11 UTC
From: Paul Harris
Topic: 28516 Message: 28529

In ssb 30 to 40watts will drive out 100 watt peaks. You need a peak envelope power meter to read actual output. I use the mh 31 mike in number 2 on the back of the mike and set the ssb mike gain at 40 in menu 83. The only other problem is that propagation is not good on HF yet.

--- On Wed, 12/9/09, G <gjones678@...> wrote:

From: G <gjones678@btinternet.com>
Subject: [FT897] tx settings ssb
To: FT897@yahoogroups.com
Date: Wednesday, December 9, 2009, 12:08 PM

Hi all got my 897 a few days ago and use with mfj949e tuner.Recieve wow its better than anything that ive had at this qth but my problem comes when txing been through manual and sure all is ok tune antenna and on fm shows 100w on meter fine as I tx on ssb peaks at 55w maybe just not driving hard enough with standard or dtmf mic I dont know but before with a few radios I could hardly hear anything but could work what I could hear now I can hear loads but cannot work anything been sat shouting cq for over an hour with no takers and answering other people and not getting through grr I am sure its nothing wroing just something stupid that I have or have not done lol tried with 3 different antennas and its driving me around the bend .

Please help

Best regards

Glyn

M1DBF

[Non-text portions of this message have been removed]

28530. Re: [FT897] tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 19:04:41 UTC
From: G JONES
Topic: 28516 Message: 28530

Thanks to all for response to my question I do realise that ssb power is not measured accurately on most meters.I also realise that normal will indicate around 55w maybe I was being paranoid after just getting a usde 897 judgeing from everything else it seems to be spot on recieve is really good and now that I am finding my way round menus all looks good.I have got some work to do with antennas they are all compromise anyway a pro whip a sandpiper v9 and a minibeam but expect all to be ok when I have changed coax.As I say all seems fine.
Thanks again for your help
Best 73s
Glyn
M1DBF

From: Paul Harris <kb2vec@yahoo.com>
To: FT897@yahoogroups.com
Sent: Thursday, 10 December, 2009 17:55:11
Subject: Re: [FT897] tx settings ssb

In ssb 30 to 40watts will drive out 100 watt peaks. You need a peak envelope power meter to read actual output. I use the mh 31 mike in number 2 on the back of the mike and set the ssb mike gain at 40 in menu 83. The only other problem is that propagation is not good on HF yet.

--- On Wed, 12/9/09, G <gjones678@btinterne t.com> wrote:

From: G <gjones678@btinterne t.com>
Subject: [FT897] tx settings ssb
To: FT897@yahoogroups. com
Date: Wednesday, December 9, 2009, 12:08 PM

Hi all got my 897 a few days ago and use with mfj949e tuner.Recieve wow its better than anything that ive had at this qth but my problem comes when txing been through manual and sure all is ok tune antenna and on fm shows 100w on meter fine as I tx on ssb peaks at 55w maybe just not driving hard enough with standard or dtmf mic I dont know but before with a few radios I could hardly hear anything but could work what I could hear now I can hear loads but cannot work anything been sat shouting cq for over an hour with no takers and answering other people and not getting through grr I am sure its nothing wroing just something stupid that I have or have not done lol tried with 3 different antennas and its driving me around the bend .

Please help

Best regards

Glyn

M1DBF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28531. Re: 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-10 23:33:49 UTC
From: wchilcote
Topic: 28514 Message: 28531

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:
>
> Function Menu MFi
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
> ----- Original Message -----
> From: "Simon" igotspammed@...
> Subject: RE: [FT897] 897D swr setting won't stay on
>
>
> > You'll need to use the "F" button to activate the multifunction
buttons
> > under the display, and scroll through till you find the option there
> > (can't
> > remember the exact option right now, not where my radio is ATM)
>

No joy guys, but thanks. On my set, have to push the 'F' button for
menu, rotate the mem/vfo small knob to menu item 61, then rotate the
main dial to select pwr-swr-off, etc. Set SWR, then push 'F' to lock
and return. Won't hold.

The functions buttons--when in menu item 61: a=add/remove from menu
list; b= no effect; c= return to normal without saving.
Drat.

Wayne KF7GKA Hamilton, MT

[Non-text portions of this message have been removed]

28532. 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 02:20:31 UTC
From: dogdavetika
Topic: 28514 Message: 28532

I have to agree with Wayne. Mine does the same thing. Going into menu mode 61 (MTR ATX SEL) gives the options pwr, alc, mod swr vlt, n/a, off, with the main dial, none of which will stay in the multi function row i once setting and returning with holding the F button. The setting seems only to depend only on multi function row i(MTR, XXX, DISP) where XXX is set by either pressing the A or B button below the display. That seems to set the meter display shown in the transmit mode. It is strange that in Multi function row i, pressing either A or B results in the same options being displayed in the transmit mode. Too many menus for the same thing???

Dave
N3DT

28533. Re: [FT897] 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 03:24:02 UTC
From: Larry D. Barr, K5WLF
Topic: 28514 Message: 28533

I think that Menu #061 sets the function for the external LDG FT-897
meter only. At least, that's the way it works on my 897s.

73,
ldb
K5WLF

dogdavetika wrote:
> I have to agree with Wayne. Mine does the same thing. Going into
> menu mode 61 (MTR ATX SEL) gives the options pwr, alc, mod swr vlt,
> n/a, off, with the main dial, none of which will stay in the multi
> function row i once setting and returning with holding the F button.
> The setting seems only to depend only on multi function row i(MTR,
> XXX, DISP) where XXX is set by either pressing the A or B button
> below the display. That seems to set the meter display shown in the
> transmit mode. It is strange that in Multi function row i, pressing
> either A or B results in the same options being displayed in the
> transmit mode. Too many menus for the same thing???
>
> Dave N3DT

28534. 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 05:06:37 UTC
From: dogdavetika
Topic: 28514 Message: 28534

That makes sense, but why don't they say that in the manual. Nothing at all in the manual about the external meter. I'll have to try that.

Dave
N3DT

28535. Re: [FT897] Re: LDG FTL Meter: Connection problem of plug into FT897

Yahoo group: FT897 (2009)
Date: 2009-12-11 11:18:14 UTC
From: Wolfgang Wittmann
Topic: 28507 Message: 28535

Excellent advice, Geert Jan! I did not know that middle ring of plug is not used. I tried another cable that I found (never being used) in my cable collection. It even has got an angle plug on one side so looks similar to original connecting cable with only difference having two rings instead of one.. And it works perfectly.
I remeber having read in a review about this FTL meter that connecting plug is cheap quality and looks like there is some truth in that statement.
Thanks for your advice
73 Wolfgang VK2LKW

--- On Thu, 10/12/09, Geert Jan de Groot <pe1hzg@...> wrote:

From: Geert Jan de Groot <pe1hzg@...>
Subject: [FT897] Re: LDG FTL Meter: Connection problem of plug into FT897
To: FT897@yahoogroups.com
Cc: wowi2010@yahoo.com
Received: Thursday, 10 December, 2009, 11:12 AM

> I bought an LDG FTL meter a few weeks ago. After a couple of weeks,
> it only worked when I shifted the plug of the connecting cable that
> goes into the radio, hence and force. Now, even that does not help
> anymore and the needle only moves when I hold that plug very firmly
> to the right side when inserted which is not practically.

This is just a 3.5mm "stereo" plug, the meter is between tip and base
(middle ring isn't used). The meter itself is just an 1mA full scale meter.

I believe there are 2 possibilities:
- The plug on the cable is broken (not uncommon, also, the cable
connection might have broken)
- The socket on the display board is broken (not common,
but not unfeasible if you have used force on the socket)

It's definitely easier and cheaper to test this using a different
3.5mm plug. These are common, even radio shack might have them,
or just swipe a cable + plug from a PC speaker set.
(these plugs are straight and the LDC cable is not, but it's
useful to do this just for testing and take it from there).

If it's the socket that is bust, then it is possible to get a replacement
from Yaesu, but this needs a bit more skill to replace this.

Let is know how it goes,

73,

Geert Jan de Groot PE1HZG

Win 1 of 4 Sony home entertainment packs thanks to Yahoo!7.
Enter now: http://au.docs.yahoo.com/homepageset/

[Non-text portions of this message have been removed]

28536. SSB POWER Displayed??

Yahoo group: FT897 (2009)
Date: 2009-12-11 12:40:56 UTC
From: kc3vo@aol.com
Topic: 28536 Message: 28536

With the average power meter, your SSB power should show 30 to 40 watts when transmitting at an actual 100 watts using voice modulation. Readings of higher value on average reading meters, such as 50 watts or more, generally show that excessive mike gain and/or too much compression is being used, with distorted audio being the end result! Such signals are not pleasant to hear on the bands, and can be a reason you are not making contacts! Get a good, PEAK READING R.F. power meter if you want to see the "100 wattrs" indication on SSB, and REDUCE mike gain/compression to show 30-40 watts on the average power meter. The radio will actually work BETTER this way!--(See the chapter on SSB in the ARRL handbook or equivalent)--73, KC3VO

[Non-text portions of this message have been removed]

28537. Re: [FT897] 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 16:11:56 UTC
From: Danny Loyd
Topic: 28514 Message: 28537

Yes, that is what Menu #061 sets. The MFi setting sets the function on the 897's meter.

Danny
KE5WDI

P.S. Just checked that on my radio.

From: "Larry D. Barr, K5WLF" <k5wlf@...>
To: FT897@yahoogroups.com
Sent: Thu, December 10, 2009 9:24:02 PM
Subject: Re: [FT897] 897D swr setting won't stay on

I think that Menu #061 sets the function for the external LDG FT-897
meter only. At least, that's the way it works on my 897s.

73,
ldb
K5WLF

dogdavetika wrote:
> I have to agree with Wayne. Mine does the same thing. Going into
> menu mode 61 (MTR ATX SEL) gives the options pwr, alc, mod swr vlt,
> n/a, off, with the main dial, none of which will stay in the multi
> function row i once setting and returning with holding the F button.
> The setting seems only to depend only on multi function row i(MTR,
> XXX, DISP) where XXX is set by either pressing the A or B button
> below the display. That seems to set the meter display shown in the
> transmit mode. It is strange that in Multi function row i, pressing
> either A or B results in the same options being displayed in the
> transmit mode. Too many menus for the same thing???
>
> Dave N3DT

[Non-text portions of this message have been removed]

28538. Re: Mem/VFO knob problems on used unit

Yahoo group: FT897 (2009)
Date: 2009-12-11 16:14:36 UTC
From: pascalpete
Topic: 28502 Message: 28538

Thank you all for your input. I really appreciate it. It matches up with what I heard from Yaesu.

I contacted Yaesu Tech Support and the engineer immediate said the problem was almost certainly with the encoder on the dial. It might be as simple as dust in the encoder. I recall the seller saying that there was dust in the shack environment (like I would expect in any home).

The good news is that the tech indicated that it was a "user repairable" issue as long as I had even a small amount of soldering skill. Well, my soldering experience ended 30 years ago and I was never all that good at it to begin with. However, I sent an email to our Radio Club President asking if anyone in the club had experience with soldering and he indicated that he was a bench technician with 18 years experience and had everything we needed if a repair was needed.

Turns out the part that needs replacing can be had for $2.50...so I ordered THREE of them just in case! The tech is also mailing me an exploded view of the radio so I can have a fighting chance of figuring out how to disassemble the thing. I have no idea how hard these things are to take apart...perhaps a rolling video camera on the work area will help me get it back together again after I have it open. ;)

The radio is certainly usable...my fear was this being a prelude to a massive failure. I am very glad that it looks to be a simple fix...or I can just live with it. Either way I LOVE this radio so far and told the seller I will be keeping it.

Thank you again for your responses. Everything else about the radio is wonderful even though I have only used it on 2 meters thus far. Now I have to turn my attention to getting an antenna that I can use on HF.

Thanks again.

Peter S. Lee
KD8MES

--- In FT897@yahoogroups.com, "pascalpete" <YahooGroups@...> wrote:
>
> Greetings.
>
> I am a new ham and just bought a used ft-897D. It arrived yesterday and within 5 minutes of hooking it up I came across what I believe is a significant problem. The seller tells me this is normal across aging FT-897D's, but I have never come across this in any review or search results...and I certainly read a lot about this radio before settling on it.
>
> When I rotate the Mem/VFO knob, be it in tuning mode or to move through menus, a part of the time the knob starts "reversing" its function. That is, when I am spinning the knob clockwise to increase the frequency, the numbers go up...but sometimes they start reversing and coming down. The menus seem to work the same way. They start going to the higher letter

menus but then will "jump" down low several menus.
>
> The knob also feels very "loose" to me, but granted this is the first time I've ever put my hands on an FT-897D.
>
> I contacted the seller and told them I wanted to return the radio for a refund but they urged me to check online and that I would see that this is common for this radio. He said that just spinning the knob rapidly will get it working in the correct direction (which it seems to, but doesn't help "fine tuning" much) and that lack of use of the knob over time leads to this behavior (he was controlling the radio via a computer).
>
> My fear is that this knob is getting ready to "go", and since it is used for nearly all operations and settings on the radio, if it fails I am totally screwed.
>
> In the 30 minutes that I played with the radio I certainly did realize that the FT-897D *is* the radio I want. I would love for this to be just a nuisance and not a major problem, but I don't want to be naive about it either.
>
> I would appreciate it if anyone has some insights on this issue.
>
> Thanks in advance,
>
> Peter Lee
> KD8MES
>

28539. Re: [FT897] SSB POWER Displayed??

Yahoo group: FT897 (2009)
Date: 2009-12-11 16:14:50 UTC
From: john burke
Topic: 28536 Message: 28539

Perhaps if you transmit in mode "FM" you will also see the full 100 watts.

John
kf7dmz

--- On Fri, 12/11/09, kc3vo@... <kc3vo@...> wrote:

From: kc3vo@... <kc3vo@...>
Subject: [FT897] SSB POWER Displayed??
To: FT897@yahoogroups.com
Date: Friday, December 11, 2009, 4:40 AM

With the average power meter, your SSB power should show 30 to 40 watts

when transmitting at an actual 100 watts using voice modulation. Readings of

higher value on average reading meters, such as 50 watts or more, generally

show that excessive mike gain and/or too much compression is being used,

with distorted audio being the end result! Such signals are not pleasant to

hear on the bands, and can be a reason you are not making contacts! Get a

good, PEAK READING R.F. power meter if you want to see the "100 wattrs"

indication on SSB, and REDUCE mike gain/compression to show 30-40 watts on the

average power meter. The radio will actually work BETTER this way!--(See the

chapter on SSB in the ARRL handbook or equivalent)- -73, KC3VO

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28540. Re: [FT897] 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 19:22:49 UTC
From: dogdavetika
Topic: 28514 Message: 28540

Yes, I concur, the menu 60 and 61 are for the external meter. See page 19, METER jack picture. It says it uses menu 60 and 61.

However, I put a calibrated generator on the 897 and the s meter doesn't even register until the signal level reaches -85dbm which is in reality S7. So the meter is for reference only, don't expect to make any real measurements from it. However also, I measured the MDS at CFIL as -122dbm and 300Hz at -126dbm, so that is not to say the receiver is not very sensitive. The CW-T light comes on at -113dbm at 300Hz and -109dbm at CFIL. This is all at 10MHz.

Your mileage may vary.

Dave
N3DT

28541. Microphone conversion

Yahoo group: FT897 (2009)
Date: 2009-12-12 05:59:32 UTC
From: navyspkr
Topic: 28541 Message: 28541

G'day

Can anybody steer me onto a site with a wiring diagram for a Turner SSB+2 microphone to 897D type plug - if indeed it can be done?

Tnx

Ross VK4AQ
Innisfail
Australia

28542. Radio output damaged?

Yahoo group: FT897 (2009)
Date: 2009-12-12 21:39:01 UTC
From: kybarney
Topic: 28542 Message: 28542

I put an external meter (diamond SX-600) on the back of the radio to measure output. 440Mhz puts out 17 watts max and all HF bands max out at 90 watts. 2 meters tests perfectly at 50 watts. All tests were conducted with 1:1 SWR on a dummy load. I find it odd 2 meters tests out perfectly but HF is 10 watts off and 440MHZ is off too. Would you expect these same readings on a brand new radio "out of the box?"

PS - I understand there is no difference in S units between the radio's max power and my findings....just curious if this is normal and if you would expect a "new" radio to have those measurements.

Thanks and 73,
Kyle

28543. Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-12 23:44:47 UTC
From: marshallstax
Topic: 28543 Message: 28543

Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
"....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."

Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.

Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:

0 = 1st dot
1 = 8th dot
2 = 15th dot
3 = 22nd dot
4 = 29th dot
5 = 36th dot
6 = 43rd dot
7 = 50th dot
8 = 57th dot
9 = 64th & 65th dots

For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.

Thanks!

Robin, N6RLS

28544. Re: [FT897] Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-13 00:33:21 UTC
From: Danny Loyd
Topic: 28543 Message: 28544

The digital modes such as PSK-31 does not require a very high output so the ALC would not have be driven too high to get a good signal out and have a good QSO. I have ran as low as 15W on PSK-31 and talked to Colombia, SA. You need very low input to drive the transmit on the 897.

Danny
KE5WDI

From: marshallstax <marshallstax@yahoo.com>
To: FT897@yahoogroups.com
Sent: Sat, December 12, 2009 5:44:47 PM
Subject: [FT897] Dots? Basic question on FT-897 meter reading...

Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
"....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."

Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.

Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:

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6 = 43rd dot
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For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.

Thanks!

Robin, N6RLS

[Non-text portions of this message have been removed]

28545. Re: [FT897] Radio output damaged?

Yahoo group: FT897 (2009)
Date: 2009-12-13 01:10:08 UTC
From: Geoff Blake
Topic: 28542 Message: 28545

On Sat, 12 Dec 2009, kybarney wrote:

> I put an external meter (diamond SX-600) on the back of the radio to
> measure output. 440Mhz puts out 17 watts max and all HF bands max out
> at 90 watts. 2 meters tests perfectly at 50 watts. All tests were
> conducted with 1:1 SWR on a dummy load. I find it odd 2 meters tests out
> perfectly but HF is 10 watts off and 440MHZ is off too. Would you expect
> these same readings on a brand new radio "out of the box?"

Err, what makes you think that your SX-600 is correct? The readings (on the SX-600) are 15% low on 70cm and 10% low on HF. The likelyhood that the radio is wrong is about the same as it is that the SX-600 wrong. Most likely is that the true value is somewhere between the two. On two metres, probably both are wrong - just in the same direction.

RF Power measurements made outside a lab environment are likely to be more than 10% out. Even the renowned Bird 43 is likely to be 10% in error on a typical reading.

>
> PS - I understand there is no difference in S units between the radio's
> max power and my findings....just curious if this is normal and if you
> would expect a "new" radio to have those measurements.

A distant user would not notice the difference between your 90W and 100W. Try working somebody distant using 90W on HF and then reduce the signal level to 50W. Ask him to identify when you are using which power.

Seasons Greetings

Geoff

--
Geoff Blake G8GNZ located near Chelmsford, Essex, U.K.
Please reply to: geoff(at)palaemon(dot)demon(dot)co(dot)uk
Using Linux on Intel & Linux or NetBSD on Sun Sparc platforms

Please avoid sending me Word or PowerPoint attachments.
See <http://www.gnu.org/philosophy/no-word-attachments.html>

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28546. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-13 02:38:56 UTC
From: stykemup
Topic: 28543 Message: 28546

Robin: I've run 30 watts at a digital gain of no more than 10 (7dots)and I've had good luck the last year or so. If you go high with digitsl gain you will just be too wide. I usually run about a dig gain of 6-7 and it gives me almost no ALC with good output.
A nice clear signal is what you want with just enough power and dig gain quite low to be effective not overpowering and distorting.
If you use HRD you can set the Dig U and Digital Gain right from the PC screen and not have to go into memory 37 etc.
30 watts is plenty of power, in fact 20 will cover the world with low gain setting.
k3waw@msn.com

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
> "....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."
>
> Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.
>
> Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:
>
> 0 = 1st dot
> 1 = 8th dot
> 2 = 15th dot
> 3 = 22nd dot
> 4 = 29th dot
> 5 = 36th dot
> 6 = 43rd dot
> 7 = 50th dot
> 8 = 57th dot
> 9 = 64th & 65th dots
>
> For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.
>
>
> Thanks!
>
> Robin, N6RLS
>

28547. Re: [FT897] Radio output damaged?

Yahoo group: FT897 (2009)
Date: 2009-12-13 03:03:43 UTC
From: K9ZTV
Topic: 28542 Message: 28547

Sounds like you're trying awfully hard to talk yourself into sending the rig back.

You won't sleep well until you do.

I don't even know what mine puts out on 440 because there is very little activity around here and I couldn't care less. 17 is close enough to 25 to hit any local repeater most anywhere.

Can't suggest anymore than what I've already done, Kyle.

Sorry.

Kent

kybarney wrote:
>
>
> I put an external meter (diamond SX-600) on the back of the radio to
> measure output. 440Mhz puts out 17 watts max and all HF bands max out
> at 90 watts. 2 meters tests perfectly at 50 watts. All tests were
> conducted with 1:1 SWR on a dummy load. I find it odd 2 meters tests
> out perfectly but HF is 10 watts off and 440MHZ is off too. Would you
> expect these same readings on a brand new radio "out of the box?"
>
> PS - I understand there is no difference in S units between the
> radio's max power and my findings....just curious if this is normal
> and if you would expect a "new" radio to have those measurements.
>
> Thanks and 73,
> Kyle
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.716 / Virus Database: 270.14.105/2561 - Release Date: 12/12/09 13:39:00
>
>

[Non-text portions of this message have been removed]

28548. Re: tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 14:17:40 UTC
From: Lazar Cornel
Topic: 28516 Message: 28548

Hi
I had some problems almost indentical, with my own tranceiver, on FM full 100w no problem at all but in AM/SSB, max. 0,5w (no joke).
I have returned the radio to the store and they have repaired for me, telling me than it was a software problem. (it’s a second hand radio).
Before that, on the phone, they adviced me to engage the PROC and to make some corrections in menu 74.

Best regards
Cornel

28549. RE: [FT897] Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-11 00:50:13 UTC
From: Joseph Richard
Topic: 28513 Message: 28549

Thank you again for your assistance. I will write up all of the other issues as well and include test data and have the item shipped to Yaesu on Monday. I will let you all know what they say.

JR-N5JNX

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Phil
Sent: Thursday, December 10, 2009 7:50 AM
To: FT897@yahoogroups.com
Subject: Re: [FT897] Intermittent Static Noise

JR,

Your problem sounds simialr to what I had. I ended up sending my back to Vertex Standard for repair. They replaced 3 ceramic filters which fixed the problem. It appears they have seen this problem before. I hope this helps.

Phil
K3FOD

On Wed, Dec 9, 2009 at 11:05 AM, jrichard333 <jrichard333@...>wrote:

>
>
> Howdy,
>
> Has anyone had this problem with their FT-897D? The receiver will
> develop intermittent static noise. Sounds similiar to static crashes
> encountered on 80m. This happens on all bands regardless of the mode
> of operation i.e. AM, FM, SSB, CW, and PSK.
>
> When listening to PSK signals,using DM-780, you actually see an
> increase in the noise floor of the receiver, using the waterfall, on
> 20m. The noise will cover up the signals and then go away. It is pretty
annoying.
>
> These are the things I have done so far:
>
> 1. I disconnected all antennas.
> 2. I tightend all screws on the top board of the transceiver.
> 3. I did a master reset.
> 4. I changed power supplies (FC-30B)
>
> My thoughts are that the static noise is being generated somewhere in
> the 1st mixing stage of the IF. I am thinking one of my IF filters may
> be defective, but I am not sure.

>
> JR
>
>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

28550. 897D CAT/amp relay cable?

Yahoo group: FT897 (2009)
Date: 2009-12-11 17:56:04 UTC
From: k4bp
Topic: 28550 Message: 28550

Does anyone make a cable allowing both CAT and amp relay keying from the same plug?

28551. Re: [FT897] Re: 897D swr setting won't stay on

Yahoo group: FT897 (2009)
Date: 2009-12-11 00:15:45 UTC
From: john@morsemad.com
Topic: 28514 Message: 28551

Try a short press of "F" key to get into "MFi" menu. Then scroll with
MEM/VFO CH" to get to "MTR SWR DISP" & press "B" button to select either SWR
or ALC or PWR.

☐ ☐

John / G0RDO

http://www.morsemad.com

-------Original Message-------

From: wchilcote

Date: 12/10/09 23:33:56

To: FT897@yahoogroups.com

Subject: [FT897] Re: 897D swr setting won't stay on

--- In FT897@yahoogroups.com, Joe <WA6RKN@...> wrote:

>

> Function Menu MFi

>

> Joe Wolfe

> WA6RKN

> Reno, Nevada

>

> ----- Original Message -----

> From: "Simon" igotspammed@...

> Subject: RE: [FT897] 897D swr setting won't stay on

>

>

> > You'll need to use the "F" button to activate the multifunction

buttons

> > under the display, and scroll through till you find the option there

> > (can't

> > remember the exact option right now, not where my radio is ATM)

>

No joy guys, but thanks. On my set, have to push the 'F' button for

menu, rotate the mem/vfo small knob to menu item 61, then rotate the

main dial to select pwr-swr-off, etc. Set SWR, then push 'F' to lock

and return. Won't hold.

The functions buttons--when in menu item 61: a=add/remove from menu

list; B= no effect; c= return to normal without saving.

Drat.

Wayne KF7GKA Hamilton, MT

[Non-text portions of this message have been removed]

28552. Re: [FT897] tx settings ssb

Yahoo group: FT897 (2009)
Date: 2009-12-10 20:08:47 UTC
From: Sandra Cavallucci
Topic: 28516 Message: 28552

GW4ZOM

Actually you be very lucky to see your output power of 100watts ssb on any meter probably show 20 -30 watts if that while your voice peaks maybe 100!!
use the ALC set it for max on voice peaks and you should be getting out just fine remember the higher the frequency eg 10m your output will be less than on the LF bands
AM/FM only will show true output from your rigs meter and don`t forget to add the db gain of your antenna compared to a dipole

--- On Thu, 10/12/09, G JONES <gjones678@btinternet.com> wrote:

From: G JONES <gjones678@...>
Subject: Re: [FT897] tx settings ssb
To: FT897@yahoogroups.com
Date: Thursday, 10 December, 2009, 19:04

Thanks to all for response to my question I do realise that ssb power is not measured accurately on most meters.I also realise that normal will indicate around 55w maybe I was being paranoid after just getting a usde 897 judgeing from everything else it seems to be spot on recieve is really good and now that I am finding my way round menus all looks good.I have got some work to do with antennas they are all compromise anyway a pro whip a sandpiper v9 and a minibeam but expect all to be ok when I have changed coax.As I say all seems fine.
Thanks again for your help
Best 73s
Glyn
M1DBF

_____ _____ _____ __
From: Paul Harris <kb2vec@yahoo. com>
To: FT897@yahoogroups. com
Sent: Thursday, 10 December, 2009 17:55:11
Subject: Re: [FT897] tx settings ssb

In ssb 30 to 40watts will drive out 100 watt peaks. You need a peak envelope power meter to read actual output. I use the mh 31 mike in number 2 on the back of the mike and set the ssb mike gain at 40 in menu 83. The only other problem is that propagation is not good on HF yet.

--- On Wed, 12/9/09, G <gjones678@btintern e t.com> wrote:

From: G <gjones678@btintern e t.com>
Subject: [FT897] tx settings ssb
To: FT897@yahoogroups. com
Date: Wednesday, December 9, 2009, 12:08 PM

Hi all got my 897 a few days ago and use with mfj949e tuner.Recieve wow its better than anything that ive had at this qth but my problem comes when txing been through manual and sure all is ok tune antenna and on fm shows 100w on meter fine as I tx on ssb peaks at 55w maybe just not driving hard enough with standard or dtmf mic I dont know but before with a few radios I could hardly hear anything but could work what I could hear now I can hear loads but cannot work anything been sat shouting cq for over an hour with no takers and answering other people and not getting through grr I am sure its nothing wroing just something stupid that I have or have not done lol tried with 3 different antennas and its driving me around the bend .

Please help

Best regards

Glyn

M1DBF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28553. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-13 11:19:40 UTC
From: webfootwandere
Topic: 28543 Message: 28553

IMO this is one place the manual is WRONG!

In PSK mode the quality of your signal is measured by its IMD. IMD gets worse (smaller number) as a result of overdriving the rig. If ALC is kicking in AT ALL, then your input is too "hot" and the ALC is clipping. Your signal is producing the dreaded double (or triple or more) railroad tracks on everyone's waterfall. Getting a clean signal is a function of soundcard input, power setting, and frequency. What makes it more difficult is that they are interdependent and not linear. Change any one of the three and you change the quality of your signal.

Unless you have a way to evaluate your IMD at your station, you don't know what the signal looks like to the rest of the world. OK, you can and should ask, but at that point, your signal is already out there and if it's really bad, no one will respond to your call anyway. Personally, I use an IMD meter by kk7uq (google it). It isn't a perfect solution, but it is a lot lot cheaper than a spectrum analyzer and gives you a good indication of whether or not you are polluting!

If you don't have a way to monitor your IMD, then the rule should be NO ALC SHOWING!

28554. Re: [FT897] 897D CAT/amp relay cable?

Yahoo group: FT897 (2009)
Date: 2009-12-13 12:55:15 UTC
From: Nenad R
Topic: 28550 Message: 28554

Why you need to relay amplifier from CAT jack?
There is ACC jack.
You just need to change J1027 jumper position from TXREQ (default pos.) to TX-GND.
J1027 is located near ACC jack but I forgot exact location.

73 de Neno, 9A5AN

--- On Fri, 12/11/09, k4bp <k4bp@...> wrote:

From: k4bp <k4bp@yahoo.com>
Subject: [FT897] 897D CAT/amp relay cable?
To: FT897@yahoogroups.com
Date: Friday, December 11, 2009, 6:56 PM

Does anyone make a cable allowing both CAT and amp relay keying from the same plug?

[Non-text portions of this message have been removed]

28555. Re: [FT897] Intermittent Static Noise

Yahoo group: FT897 (2009)
Date: 2009-12-13 14:23:32 UTC
From: Phil
Topic: 28513 Message: 28555

JR

I made Yaesu a DVD to illustrate the problem. The goal was to save them
troubleshooting time and my labor cost. I thought their cost were
reasonable. I had the rig back in about 2 weeks.

good luck,
Phil
K3FOD
On Thu, Dec 10, 2009 at 7:50 PM, Joseph Richard <jrichard333@...>wrote:

>
>
> Thank you again for your assistance. I will write up all of the other
> issues as well and include test data and have the item shipped to Yaesu on
> Monday. I will let you all know what they say.
>
> JR-N5JNX
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of Phil
> Sent: Thursday, December 10, 2009 7:50 AM
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: Re: [FT897] Intermittent Static Noise
>
> JR,
>
> Your problem sounds simialr to what I had. I ended up sending my back to
> Vertex Standard for repair. They replaced 3 ceramic filters which fixed the
> problem. It appears they have seen this problem before. I hope this helps.
>
> Phil
> K3FOD
>
> On Wed, Dec 9, 2009 at 11:05 AM, jrichard333 <jrichard333@...<jrichard333%40hotmail.com>
> >wrote:
>
> > >
> > >
> > > Howdy,
> > >
> > > Has anyone had this problem with their FT-897D? The receiver will
> > > develop intermittent static noise. Sounds similiar to static crashes
> > > encountered on 80m. This happens on all bands regardless of the mode
> > > of operation i.e. AM, FM, SSB, CW, and PSK.

> >
> > When listening to PSK signals,using DM-780, you actually see an
> > increase in the noise floor of the receiver, using the waterfall, on
> > 20m. The noise will cover up the signals and then go away. It is pretty
> annoying.
> >
> > These are the things I have done so far:
> >
> > 1. I disconnected all antennas.
> > 2. I tightend all screws on the top board of the transceiver.
> > 3. I did a master reset.
> > 4. I changed power supplies (FC-30B)
> >
> > My thoughts are that the static noise is being generated somewhere in
> > the 1st mixing stage of the IF. I am thinking one of my IF filters may
> > be defective, but I am not sure.
> >
> > JR
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

28556. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-13 16:44:11 UTC
From: john_kb0ne
Topic: 28543 Message: 28556

To answer your question...

From the manual on running AFSK:
6. Following the instructions for your TNC's software, activate
the transmitter from the computer keyboard; this
should cause the AFSK output from the TNC to be sent
to the radio. While transmitting, view the ALC meter; a
few "dots" of ALC indication should be observed. If not,
rotate the DIAL knob to adjust the AFSK level within
the FT-897D for seven to eight dots of indication on the
ALC meter.

It would stand to reason that they don't mean the individual pixels.
and what is meant is 'incremental graduations' or pips as you call them.

For AFSK an ALC reading around mid scale would probably work fine. This would imply that you are running full power too.

The thing about digital modes such as PSK, olivia and so on.... is like the others have said, 30 watts out or less is usually more than sufficient.

If you are going to run these other digital modes then set up your transmitter so that there is about 20-30 watts indicated on the power meter. The ALC meter should indicate no or very little activity. ALC tends to compress the signal amplitude and ALC pumping(rapid QSB) of signal levels can make you signal unreadable on the other end.

I usually run psk 31 without any ALC action and just watch the watt meter for ~25 to 30 watts output. This is done by adjusting the audio interface audio drive level into the rig. Works great.

Hope that answers your question John KB0NE

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
> "....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."
>
> Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.
>
> Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:
>

> 0 = 1st dot
> 1 = 8th dot
> 2 = 15th dot
> 3 = 22nd dot
> 4 = 29th dot
> 5 = 36th dot
> 6 = 43rd dot
> 7 = 50th dot
> 8 = 57th dot
> 9 = 64th & 65th dots
>
> For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.
>
>
> Thanks!
>
> Robin, N6RLS
>

28557. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 00:24:12 UTC
From: Kent & Shirley
Topic: 28543 Message: 28557

Hey Robin! Don't feel bad about asking this question. Personally I have read that section of the instructions at least 50 times trying to understand what Yaesu means, or meant to say. I assumed pips, but if I adjust ALC to a few pips (or 7 or 8 which is a lot more than a few), then I may have violated one of the basic laws of the digital airwaves. I certainly don't want to be hunted down and shot like a rabid dog by marauding bands of ALC-haters by making my psk31 too wide. Nor would I enjoy my ham neighbors coming over to my house in the cover of darkness to stick pins in my coax for having too wide of psk31 tracks. Power out is really low on my 897 if I show zero ALC. I hope, like you do, that some "kind knight of the round table" will explain to us, or point us to a detailed article that explains which modes must be ALC-free, and which don't (like perhaps cw & rtty where many people run very high power). I wonder what is allowable for the new WINMOR or PACTOR, and for all the other modes? I note that Rob in ZL-land has big antennas to get out well-- does that mean I too can compensate by turning on my linear with no ALC, hihi? What about out-west here when a European says he is using 100 watts on psk31 to call CQ and shows only a thin line on the waterfall, and I assume that I need 100 watts to get his attention? How does all this relate to the FT-897, showing pips on ALC per the instructions, the mode, and all the other variables at play? I doubt there is a quick and easy answer to ALL our questions, but I'd sure like to learn all the answers! Here is hoping that we get a comprehensive response, not just the usual "no ALC" stock answer. 73 de Kent ad7hk

--- In FT897@yahoogroups.com, "marshallstax" <marshallstax@...> wrote:
>
> Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
> "....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."
>
> Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.
>
> Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:
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> 0 = 1st dot
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>
> For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.
>
>
> Thanks!
>
> Robin, N6RLS
>

28558. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 00:48:06 UTC
From: Gary Altig
Topic: 28543 Message: 28558

DE N7UVL,
While I don't run PSK-31 myself, a friend does. And he raves about
working DX PSK-31 with only 5 to 10 Watts on a Butternut.
100 Watts sounds like overkill to me./ga

----- Original Message -----
From: Kent & Shirley<mailto:larsenks@...>
To: FT897@yahoogroups.com<mailto:FT897@yahoogroups.com>
Sent: Sunday, December 13, 2009 4:24 PM
Subject: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Hey Robin! Don't feel bad about asking this question. Personally I have read that section of the instructions at least 50 times trying to understand what Yaesu means, or meant to say. I assumed pips, but if I adjust ALC to a few pips (or 7 or 8 which is a lot more than a few), then I may have violated one of the basic laws of the digital airwaves. I certainly don't want to be hunted down and shot like a rabid dog by marauding bands of ALC-haters by making my psk31 too wide. Nor would I enjoy my ham neighbors coming over to my house in the cover of darkness to stick pins in my coax for having too wide of psk31 tracks. Power out is really low on my 897 if I show zero ALC. I hope, like you do, that some "kind knight of the round table" will explain to us, or point us to a detailed article that explains which modes must be ALC-free, and which don't (like perhaps cw & rtty where many people run very high power). I wonder what is allowable for the new WINMOR or PACTOR, and for all the other modes? I note that Rob in ZL-land has big antennas to get out well-- does that mean I too can compensate by turning on my linear with no ALC, hihi? What about out-west here when a European says he is using 100 watts on psk31 to call CQ and shows only a thin line on the waterfall, and I assume that I need 100 watts to get his attention? How does all this relate to the FT-897, showing pips on ALC per the instructions, the mode, and all the other variables at play? I doubt there is a quick and easy answer to ALL our questions, but I'd sure like to learn all the answers! Here is hoping that we get a comprehensive response, not just the usual "no ALC" stock answer. 73 de Kent ad7hk

--- In FT897@yahoogroups.com<mailto:FT897%40yahoogroups.com>, "marshallstax" <marshallstax@...> wrote:
>
> Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
> "....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."
>
> Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.
>
> Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:

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> 0 = 1st dot
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> 7 = 50th dot
> 8 = 57th dot
> 9 = 64th & 65th dots
>
> For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.
>
>
> Thanks!
>
> Robin, N6RLS
>

[Non-text portions of this message have been removed]

28559. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 01:02:24 UTC
From: Joe
Topic: 28543 Message: 28559

As an addendum to what Gary said, this ham has over 10,000 contacts on PSK-31...all at 5 to 10 watts! I have been at his house when the SSB and CW portions of the spectrum were dead....and he made a contact with Alaska on PSK-31!

(Yes, Gary and I live in the same area!)

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "Gary Altig" <garylaltig@...>
Subject: Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

> DE N7UVL,
> While I don't run PSK-31 myself, a friend does. And he raves about
> working DX PSK-31 with only 5 to 10 Watts on a Butternut.
> 100 Watts sounds like overkill to me./ga

28560. Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 01:14:30 UTC
From: RicardoH
Topic: 28560 Message: 28560

I took the advice presented here and read the manual a few times prior to even turning the radio on. In addition to being new to radios I'm a new ham so please forgive me for the ensuing question flood.

When I tried to set the radio up for a repeater operation in the 2m band for a - split pressing A does nothing not even beep. I have selected the CTCSS freq but not even a beep from the A button. Holding it does nothing either. I know it's me

28561. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 01:19:04 UTC
From: RicardoH
Topic: 28560 Message: 28561

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
> I took the advice presented here and read the manual a few times prior to even turning the radio on. In addition to being new to radios I'm a new ham so please forgive me for the ensuing question flood.
>
> When I tried to set the radio up for a repeater operation in the 2m band for a - split pressing A does nothing not even beep. I have selected the CTCSS freq but not even a beep from the A button. Holding it does nothing either. I know it's me
>

Sorry

Ric
KJ6DOY

28562. Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-14 02:01:13 UTC
From: willgord
Topic: 28562 Message: 28562

Since others seem puzzled about managing the ALC I will toss in my question.

I run PSK31 through my 897D, using SignaLink USB and Digipan. In the "Nifty E-Z Guide to PSK31 Operation," the following point is made: "From the standpoint of transmit signal quality, you need to make certain there is no ALC (automatic level control) action while transmitting. Any ALC activity will likely cause distortion of your signal (resulting in poor IMD)."

Do I only turn on ALC when I hit the B button that chooses among Power, modulation, SWR and ALC? Or is ALC always in play and I must do something else to turn it off?

Problem I am trying to solve (if anyone else uses their 897 for PSK) is that I am able to make contact with stations with no problem but the waterfall soon breaks up and I lose the connection.

Thanks for your help folks.

Gordon
K2GLW

28563. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 02:23:02 UTC
From: dogdavetika
Topic: 28560 Message: 28563

Are you in the FM mode. Does it say RPT REV VOX above the A, B, C buttons?

Dave
N3DT

28564. Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-14 02:30:53 UTC
From: dogdavetika
Topic: 28562 Message: 28564

You cannot turn ALC off. Once your modulation level reaches a certain point relative to your output power, it takes action. For best signals in DIG, you must not see any display when the ALC button is pressed. If you see any indication in ALC, it means your transmitter is compressing your modulation and you will have IMD. Keep your power/modulation at a point below any ALC action and you should be OK.

Dave
N3DT

28565. Re: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 02:50:42 UTC
From: Carl Wulfestieg
Topic: 28560 Message: 28565

Ricardo Huang-
I'm guessing at the name. Why don't we start with your name and call? Then I know who I'm talking to. You mentioned "split". Split has nothing to do with programming for repeater use. Also, it won't work if you don't program the info into memory. If you're trying to program your FT-897 to operate repeaters, let me know and I'll send you the proper steps written out.
73 Carl WZ4CW

[Non-text portions of this message have been removed]

28566. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 02:59:05 UTC
From: RicardoH
Topic: 28560 Message: 28566

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Ricardo Huang-
> I'm guessing at the name. Why don't we start with your name and call? Then I know who I'm talking to. You mentioned "split". Split has nothing to do with programming for repeater use. Also, it won't work if you don't program the info into memory. If you're trying to program your FT-897 to operate repeaters, let me know and I'll send you the proper steps written out.
> 73 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>

New to the board. I am trying to program the FT-897 to work with my local repeters. I am in FM mode, and the radio reads RPT REV VOX above the A, B, C buttons. When I push A nothing happens not even a tone. This is the first time I turned the radio on.

Ric
KJ6DOY

28567. RE: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 03:35:45 UTC
From: Simon
Topic: 28560 Message: 28567

Make sure you don't have the lock on. This, if active, will disable the multifunction button's, and other controls on the front panel. You've possibly hit the lock when trying to adjust the VFO.

Simon

VK5LNX

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of RicardoH
Sent: Monday, 14 December 2009 1:29 PM
To: FT897@yahoogroups.com
Subject: [FT897] Re: Silly Newbie questions

--- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Ricardo Huang-
> I'm guessing at the name. Why don't we start with your name and call? Then I know who I'm talking to. You mentioned "split". Split has nothing to do with programming for repeater use. Also, it won't work if you don't program the info into memory. If you're trying to program your FT-897 to operate repeaters, let me know and I'll send you the proper steps written out.
> 73 Carl WZ4CW
>
> [Non-text portions of this message have been removed]
>

New to the board. I am trying to program the FT-897 to work with my local repeters. I am in FM mode, and the radio reads RPT REV VOX above the A, B, C buttons. When I push A nothing happens not even a tone. This is the first time I turned the radio on.

Ric
KJ6DOY

[Non-text portions of this message have been removed]

28568. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 03:45:36 UTC
From: RicardoH
Topic: 28560 Message: 28568

Thanks Simon but I don't have the lock on the other buttons seem to function, it's just the "A" button that does not work.

Ric
KJ6DOY

--- In FT897@yahoogroups.com, "Simon" <igotspammed@...> wrote:
>
> Make sure you don't have the lock on. This, if active, will disable the
> multifunction button's, and other controls on the front panel. You've
> possibly hit the lock when trying to adjust the VFO.
>
>
>
> Simon
>
> VK5LNX
>
>
>
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> RicardoH
> Sent: Monday, 14 December 2009 1:29 PM
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Silly Newbie questions
>
>
>
>
>
>
>
>
> --- In FT897@yahoogroups.com <mailto:FT897%40yahoogroups.com> , "Carl
> Wulfestieg" <ag4ls@> wrote:
> >
> > Ricardo Huang-
> > I'm guessing at the name. Why don't we start with your name and call? Then
> I know who I'm talking to. You mentioned "split". Split has nothing to do
> with programming for repeater use. Also, it won't work if you don't program
> the info into memory. If you're trying to program your FT-897 to operate
> repeaters, let me know and I'll send you the proper steps written out.
> > 73 Carl WZ4CW
> >
> > [Non-text portions of this message have been removed]
> >

>
> New to the board. I am trying to program the FT-897 to work with my local
> repeters. I am in FM mode, and the radio reads RPT REV VOX above the A, B, C
> buttons. When I push A nothing happens not even a tone. This is the first
> time I turned the radio on.
>
> Ric
> KJ6DOY
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

28569. Program FT-897 for repeater operation

Yahoo group: FT897 (2009)
Date: 2009-12-14 04:36:36 UTC
From: Carl Wulfestieg
Topic: 28569 Message: 28569

Ric-

Well, the manual isn't helpful - it's all there but not all in the same place.
Here we go:

1. Tune in frequency (the repeater output frequency)

2. Set up CTCSS Tone (Note: If CTCSS Tone not needed, go to Step 3)
a. Press "F" momentarily
b. Select multi-function row "e"
c. Press (A)(TON) to activate tone encoder [TEN]
d. To change CTCSS frequency press (A)(TON) 1 second
e. Rotate dial to select proper frequency
f. Press and hold "F" to save new setting

3. Press "F" momentarily

4. Select multi-function row "b"

5. Press (A)(MW) momentarily

6. Rotate MEM/VFO/CH knob to select channel for storage

7. Press and hold (A)(MW) for 1 second (2nd beep)

You've probably guessed that you have to store the info in a memory channel to make it work.
Follow the above steps exactly and you should be in business. Good Luck.

73 Carl, WZ4CW SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

28570. Re: Program FT-897 for repeater operation

Yahoo group: FT897 (2009)
Date: 2009-12-14 05:01:40 UTC
From: RicardoH
Topic: 28569 Message: 28570

Carl-
Thanks the directions helped a bunch and having followed them I have a channel stored on #2.

I still suspect something may be amisss. After I go to multi-function row "d", and I push the[A](RPT) key I get no
+, or - indicator in the display, nor is there a tone indicating the [A](RPT) key has been pressed. It is my understanding from the manual that this is how the transmitter frequency shift is programed,

Your help is appreciated!

Ric
KJ6DOY

--- In FT897@yahoogroups.com, "Carl Wulfestieg" <ag4ls@...> wrote:
>
> Ric-
>
>
> Well, the manual isn't helpful - it's all there but not all in the same place.
> Here we go:
>
> 1. Tune in frequency (the repeater output frequency)
>
> 2. Set up CTCSS Tone (Note: If CTCSS Tone not needed, go to Step 3)
> a. Press "F" momentarily
> b. Select multi-function row "e"
> c. Press (A)(TON) to activate tone encoder [TEN]
> d. To change CTCSS frequency press (A)(TON) 1 second
> e. Rotate dial to select proper frequency
> f. Press and hold "F" to save new setting
>
> 3. Press "F" momentarily
>
> 4. Select multi-function row "b"
>
> 5. Press (A)(MW) momentarily
>
> 6. Rotate MEM/VFO/CH knob to select channel for storage
>
> 7. Press and hold (A)(MW) for 1 second (2nd beep)
>
> You've probably guessed that you have to store the info in a memory channel to make it work.
> Follow the above steps exactly and you should be in business. Good Luck.

>
> 73 Carl, WZ4CW SKCC 918, FISTS 13491
>
> [Non-text portions of this message have been removed]
>

28571. Re: [FT897] Re: Program FT-897 for repeater operation

Yahoo group: FT897 (2009)
Date: 2009-12-14 07:14:11 UTC
From: Carl Wulfestieg
Topic: 28569 Message: 28571

Ric- Send your questions direct to: ag4ls@... Carl
NO! That's not how to do it the easy way! I need your direct email. Send a email to me.

[Non-text portions of this message have been removed]

28572. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 09:31:34 UTC
From: Richard Corfield
Topic: 28543 Message: 28572

I didn't understand that bit of the manual, so I set up using a dummy load and Wattmeter by turning the volume up until it hit 5W then turning back a bit until it was working at about 3W on the Wattmeter and the Power Out display on the 897 was below top. Nothing shows up on the ALC display then.

There is a potential problem with some modes that the Wattmeter display may be misleading because the average power is somewhat lower than the peaks. My Wattmeter is set to show peak, but may not always keep up. The tuning tone from some programs may help.

I've had good contacts, even intercontinental, on quite low powers even though we are still in a solar minimum. I wouldn't claim to have a particularly good antenna - a dipole in a smallish garden. The narrow digital modes are quite power efficient.

- Richard (M0RJC)

2009/12/14 Joe <WA6RKN@...>

>
>
> As an addendum to what Gary said, this ham has over 10,000 contacts on
> PSK-31...all at 5 to 10 watts! I have been at his house when the SSB and CW
>
> portions of the spectrum were dead....and he made a contact with Alaska on
> PSK-31!
>
> (Yes, Gary and I live in the same area!)
>
> Joe Wolfe
> WA6RKN
> Reno, Nevada
>
>
> ----- Original Message -----
> From: "Gary Altig" <garylaltig@... <garylaltig%40msn.com>>
> Subject: Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...
>
> > DE N7UVL,
> > While I don't run PSK-31 myself, a friend does. And he raves about
> > working DX PSK-31 with only 5 to 10 Watts on a Butternut.
> > 100 Watts sounds like overkill to me./ga
>
>
>

[Non-text portions of this message have been removed]

28573. Re: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 09:52:49 UTC
From: Richard Corfield
Topic: 28560 Message: 28573

If you're pressing RTP (button A) then you should see a little + or - appear in the top of the display. Repeatedly pressing the button This is the repeater offset mode, which is an example of a split only it's all done conveniently for you rather than setting it up the hard way. The offset is set up in the menus.

- Richard (M0RJC)

2009/12/14 RicardoH <huang_wan@yahoo.com>

>
>
> Thanks Simon but I don't have the lock on the other buttons seem to
> function, it's just the "A" button that does not work.
>
> Ric
> KJ6DOY
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Simon"
> <igotspammed@...> wrote:
> >
> > Make sure you don't have the lock on. This, if active, will disable the
> > multifunction button's, and other controls on the front panel. You've
> > possibly hit the lock when trying to adjust the VFO.
> >
> >
> >
> > Simon
> >
> > VK5LNX
> >
> >
> >
> > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > RicardoH
> > Sent: Monday, 14 December 2009 1:29 PM
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > Subject: [FT897] Re: Silly Newbie questions
> >
> >
> >
> >
> >
> >

> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> FT897%40yahoogroups.com <FT897%2540yahoogroups.com>> , "Carl
> > Wulfestieg" <ag4ls@> wrote:
> > >
> > > Ricardo Huang-
> > > I'm guessing at the name. Why don't we start with your name and call?
> Then
> > I know who I'm talking to. You mentioned "split". Split has nothing to do
> > with programming for repeater use. Also, it won't work if you don't
> program
> > the info into memory. If you're trying to program your FT-897 to operate
> > repeaters, let me know and I'll send you the proper steps written out.
> > > 73 Carl WZ4CW
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > New to the board. I am trying to program the FT-897 to work with my local
> > repeters. I am in FM mode, and the radio reads RPT REV VOX above the A,
> B, C
> > buttons. When I push A nothing happens not even a tone. This is the first
> > time I turned the radio on.
> >
> > Ric
> > KJ6DOY
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

28574. RE: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 10:14:10 UTC
From: Scot Jones
Topic: 28560 Message: 28574

Just a point with the repeater shift.
My 897 has been moded to allow the extended rx, this disables the auto repeater shift functions.

This might be what you are seeing?

73 de M1AFY
Scot

28575. RE: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-14 10:36:51 UTC
From: Chris Baker
Topic: 28560 Message: 28575

To set my rig up on repeater, I use the memory channel function as per manual.
No problem

Thanks

Chris Sunny Morecambe, the gateway to the LakesARS: G4LDSWAB:SD 46LOC: IO84 NBG-QRP: 6884IOTA: EU005The SANDS Contest group : G1T
G4LDS@...

[Non-text portions of this message have been removed]

28576. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 11:12:02 UTC
From: webfootwandere
Topic: 28543 Message: 28576

--- In FT897@yahoogroups.com, "Kent & Shirley" <larsenks@...> wrote:
>
> ...point us to a detailed article that explains which modes must be ALC-free, and which don't (like perhaps cw & rtty where many people run very high power)... 73 de Kent ad7hk
>
>

The difference is in "keying." PSK is phase shift keying (BPSK31, BPSK63, QPSK31, etc.) FSK is frequency shift keying (AMTOR, PACTOR, RTTY, etc.) And CW is continuous wave keying (carrier on-off)
For a good explanation of "Why No ALC in PSK Mode" have a look at this.

http://www.rsq-info.net/PSK-modelling.html

73 de Rick - N7WE

28577. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 11:31:15 UTC
From: Richard Corfield
Topic: 28543 Message: 28577

2009/12/14 webfootwandere <n7we@...>

>
> The difference is in "keying." PSK is phase shift keying (BPSK31, BPSK63,
> QPSK31, etc.) FSK is frequency shift keying (AMTOR, PACTOR, RTTY, etc.) And
> CW is continuous wave keying (carrier on-off)
> For a good explanation of "Why No ALC in PSK Mode" have a look at this.
>
> http://www.rsq-info.net/PSK-modelling.html
>
> 73 de Rick - N7WE
>
>
That's a good article. It also shows in Figure 2 why a mechanical Wattmeter
may not show the true peak level.

The instructions, like many I've read, seem to have you set the radio to its
full 100W mode then use the wattmeter to set the real output power much
lower. I prefer to use the radio's power setting control (really just a gain
control in this case) to adjust my power.

I use a Signalink interface nowadays, as I work with modes such as SSTV.
Signalink tell me that their interface should not distort when its output is
set high. Some sound cards will distort, "100%" corresponding to above unity
gain of the digital samples coming from your software.

- Richard

[Non-text portions of this message have been removed]

28578. RE: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 12:58:37 UTC
From: Jeff
Topic: 28543 Message: 28578

>The instructions, like many I've read, seem to have you set the radio to its
>full 100W mode then use the wattmeter to set the real output power much
>lower. I prefer to use the radio's power setting control (really just a gain
>control in this case) to adjust my power.

If the power setting is just a gain (or drive) control then that is OK, however, I am pretty sure that the 897 sets its power level by acting on the ALC!!!

Which is why the recommendation is to set the power level to max and adjust for the required power on a meter, so that the ALC does not operate.

Jeff

28579. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-14 13:26:01 UTC
From: Richard Corfield
Topic: 28543 Message: 28579

Mechanically yes because that's a convenient variable gain stage in the circuit. It will do so by adding a constant level to it, or changing its target output to a constant level. It's only if gain varies over time that there's trouble.

I have myself a Software Defined Receiver board to play with, so may have to have a go with one computer listening to and analysing my output as I transmit. Could be difficult given the high field strength near my antenna, though it should be a valid test to transmit into a dummy load and get the SDR board to detect the small leakage from that.

- Richard

2009/12/14 Jeff <g8hul@...>

>
>
>
>
> >The instructions, like many I've read, seem to have you set the radio to
> its
> >full 100W mode then use the wattmeter to set the real output power much
> >lower. I prefer to use the radio's power setting control (really just a
> gain
> >control in this case) to adjust my power.
>
> If the power setting is just a gain (or drive) control then that is OK,
> however, I am pretty sure that the 897 sets its power level by acting on
> the
> ALC!!!
>
> Which is why the recommendation is to set the power level to max and adjust
> for the required power on a meter, so that the ALC does not operate.
>
> Jeff
>
>
>

[Non-text portions of this message have been removed]

28580. Re: [FT897] Program FT-897 for repeater operation

Yahoo group: FT897 (2009)
Date: 2009-12-14 17:50:29 UTC
From: Peter Grant
Topic: 28569 Message: 28580

Don't forget to set Menu 76, RPT SHIFT for the repeater shift in your country,,, + or -, as needed.

73 Peter EI4HX
ei4hxperimental@...
----- Original Message -----
From: Carl Wulfestieg
To: FT897@yahoogroups.com
Sent: Monday, December 14, 2009 4:36 AM
Subject: [FT897] Program FT-897 for repeater operation

Ric-

Well, the manual isn't helpful - it's all there but not all in the same place.
Here we go:

1. Tune in frequency (the repeater output frequency)

2. Set up CTCSS Tone (Note: If CTCSS Tone not needed, go to Step 3)
a. Press "F" momentarily
b. Select multi-function row "e"
c. Press (A)(TON) to activate tone encoder [TEN]
d. To change CTCSS frequency press (A)(TON) 1 second
e. Rotate dial to select proper frequency
f. Press and hold "F" to save new setting

3. Press "F" momentarily

4. Select multi-function row "b"

5. Press (A)(MW) momentarily

6. Rotate MEM/VFO/CH knob to select channel for storage

7. Press and hold (A)(MW) for 1 second (2nd beep)

You've probably guessed that you have to store the info in a memory channel to make it work.
Follow the above steps exactly and you should be in business. Good Luck.

73 Carl, WZ4CW SKCC 918, FISTS 13491

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28581. FT897D and DigiMaster MiniPro

Yahoo group: FT897 (2009)
Date: 2009-12-14 22:43:58 UTC
From: jigs_rule
Topic: 28581 Message: 28581

Is anyone using the above combinations I can get them to talk but I can not modulate.

thnks

28582. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 10:50:54 UTC
From: willgord
Topic: 28562 Message: 28582

Okay, very basic question. What can I do to reduce modulation? I have cut mic gain way back, cut power to 20 watts. What else can I do to reduce modulation and keep from triggering ALC?

Gordon
K2GLW

--- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@...> wrote:
>
> You cannot turn ALC off. Once your modulation level reaches a certain point relative to your output power, it takes action. For best signals in DIG, you must not see any display when the ALC button is pressed. If you see any indication in ALC, it means your transmitter is compressing your modulation and you will have IMD. Keep your power/modulation at a point below any ALC action and you should be OK.
>
> Dave
> N3DT
>

28583. Re: [FT897] Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 11:20:51 UTC
From: Richard Corfield
Topic: 28562 Message: 28583

It's entirely down to the amount of signal you're feeding in and the input gain (mic gain) setting.

Which port are you using to feed sound in? You may need to use an attenuator or matching transformer to drop the level from your sound card to the level expected by the radio. A resistor network makes a simple attenuator. I've not had problems using the "Data" port on the back of the radio direct to the sound card.

- Richard (M0RJC)

2009/12/15 willgord <willgord@...>

>
>
> Okay, very basic question. What can I do to reduce modulation? I have cut
> mic gain way back, cut power to 20 watts. What else can I do to reduce
> modulation and keep from triggering ALC?
>
> Gordon
> K2GLW
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "dogdavetika"
> <dogdavetika@...> wrote:
> >
> > You cannot turn ALC off. Once your modulation level reaches a certain
> point relative to your output power, it takes action. For best signals in
> DIG, you must not see any display when the ALC button is pressed. If you see
> any indication in ALC, it means your transmitter is compressing your
> modulation and you will have IMD. Keep your power/modulation at a point
> below any ALC action and you should be OK.
> >
> > Dave
> > N3DT
> >
>
>
>

[Non-text portions of this message have been removed]

28584. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 11:24:20 UTC
From: g8hul
Topic: 28562 Message: 28584

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> Okay, very basic question. What can I do to reduce modulation? I have cut mic gain way back, cut power to 20 watts. What else can I do to reduce modulation and keep from triggering ALC?
>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@> wrote:
> >
> > You cannot turn ALC off. Once your modulation level reaches a certain point relative to your output power, it takes action. For best signals in DIG, you must not see any display when the ALC button is pressed. If you see any indication in ALC, it means your transmitter is compressing your modulation and you will have IMD. Keep your power/modulation at a point below any ALC action and you should be OK.
> >

There appears to be somewhat of a misunderstanding going on here, if ALC is functioning correctly it does not compressed of your modulation.
ALC usually operates by reducing the gain of a driver stage, and as long as the transmitter is operating in a linear region there'll be no additional distortion due to ALC action.

Reducing the gain of the driver stage does not mean that it's linearity will necessarily be reduced. With the digital modes as long as the envelope is moderately constant, compared to the ALC a attack and decay time then all the ALC action will do is reduce the peak output power, and as long as the drive level does not cause any of the transmitter stages to go into non linearity there should not be a problem.

However, to guarantee the situation the best solution is to set the transmitter for maximum output power and slowly increasing the drive until the required output power is achieved.

73
Jeff

28585. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-15 11:41:03 UTC
From: JonP
Topic: 28543 Message: 28585

So what is the answer to the OP's question? It seems that two entirely different answers have been given -- neither of which actually answers the OP's question.

Answer 1: The FT-897 manual suggests having some reading on the ALC ("... seven to eight dots on the ALC meter ..."), so the answer is "... seven to eight dots on the ALC meter ...", even though not many people have responded to the question of what Yaesu means by "dots" (are they pixels or are they hash marks on the meter?).

Answer 2: Some responders talk about having "... no ALC action ...", but haven't actually described what "... no ALC action ..." means in practical terms. Does it mean no deflection on the ALC at all, or does it mean seven to eight dots on the ALC meter, but with no fluctuation on those seven to eight dots.

I've measured my PSK signal with an IMD meter and I've asked people nearby and far away to look at my signal on the waterfall. Both methods give me good marks on my signal when I drop digital gain to the point where I have about seven hash marks on the ALC meter but without any fluctuation. Interestingly, that results in my seeing power output at about 1/4 of the reading I get when I just hold down the key in CW mode.

Jon, KB1QBZ

28586. RE: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-15 12:47:59 UTC
From: D. F.
Topic: 28543 Message: 28586

Yeasu is going with the belief that any ☐reasonable☐ person would know that ☐dots☐ means ☐hash marks☐, and NOT pixels. That would be like showing only a few ☐pixels☐ of a picture on a computer monitor, c☐mon, use that grey matter!

☐No ALC action☐ is exactly as stated ☐ but for those who need it interpreted ☐ means NO movement is seen on the meter!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of JonP
Sent: Tuesday, December 15, 2009 05:41
To: FT897@yahoogroups.com
Subject: [FT897] Re: Dots? Basic question on FT-897 meter reading...

So what is the answer to the OP's question? It seems that two entirely different answers have been given -- neither of which actually answers the OP's question.

Answer 1: The FT-897 manual suggests having some reading on the ALC ("... seven to eight dots on the ALC meter ..."), so the answer is "... seven to eight dots on the ALC meter ...", even though not many people have responded to the question of what Yaesu means by "dots" (are they pixels or are they hash marks on the meter?).

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Jon, KB1QBZ

[Non-text portions of this message have been removed]

28587. Re: [FT897] Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-15 13:29:45 UTC
From: Richard Corfield
Topic: 28543 Message: 28587

I thought it mean pixel, because that is what a dot on a dot matrix display is for me. Graduations are something different. They could have used a less ambiguous word.

- Richard

2009/12/15 D. F. <n8bmb1@...>

>
>
> Yeasu is going with the belief that any “reasonable” person would know
> that “dots” means “hash marks”, and NOT pixels. That would be like
> showing only a few “pixels” of a picture on a computer monitor, c’mon,
> use that grey matter!
>
> “No ALC action” is exactly as stated – but for those who need it
> interpreted – means NO movement is seen on the meter!
>
> Dennis - N8BMB
>
>
> -----Original Message-----
> From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> JonP
> Sent: Tuesday, December 15, 2009 05:41
> To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> Subject: [FT897] Re: Dots? Basic question on FT-897 meter reading...
>
>
> So what is the answer to the OP's question? It seems that two entirely
> different answers have been given -- neither of which actually answers
> the OP's question.
>
> Answer 1: The FT-897 manual suggests having some reading on the ALC
> ("... seven to eight dots on the ALC meter ..."), so the answer is "...
> seven to eight dots on the ALC meter ...", even though not many people
> have responded to the question of what Yaesu means by "dots" (are they
> pixels or are they hash marks on the meter?).
>
> Answer 2: Some responders talk about having "... no ALC action ...", but
> haven't actually described what "... no ALC action ..." means in
> practical terms. Does it mean no deflection on the ALC at all, or does
> it mean seven to eight dots on the ALC meter, but with no fluctuation on
> those seven to eight dots.
>

> I've measured my PSK signal with an IMD meter and I've asked people
> nearby and far away to look at my signal on the waterfall. Both methods
> give me good marks on my signal when I drop digital gain to the point
> where I have about seven hash marks on the ALC meter but without any
> fluctuation. Interestingly, that results in my seeing power output at
> about 1/4 of the reading I get when I just hold down the key in CW mode.
>
> Jon, KB1QBZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

28588. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-15 14:24:47 UTC
From: dj7sw
Topic: 28560 Message: 28588

Ref: Mfd-menue

pse remenber: this [A] button is active only in narrow-FM mode.

73/Lup DJ7SW

--- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
>
> If you're pressing RTP (button A) then you should see a little + or - appear
> in the top of the display. Repeatedly pressing the button This is the
> repeater offset mode, which is an example of a split only it's all done
> conveniently for you rather than setting it up the hard way. The offset is
> set up in the menus.
>
> - Richard (M0RJC)
>
> 2009/12/14 RicardoH <huang_wan@...>
>
> >
> >
> > Thanks Simon but I don't have the lock on the other buttons seem to
> > function, it's just the "A" button that does not work.
> >
> > Ric
> > KJ6DOY
> >
> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Simon"
> > <igotspammed@> wrote:
> > >
> > > Make sure you don't have the lock on. This, if active, will disable the
> > > multifunction button's, and other controls on the front panel. You've
> > > possibly hit the lock when trying to adjust the VFO.
> > >
> > >
> > >
> > > Simon
> > >
> > > VK5LNX
> > >
> > >
> > >
> > > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> > FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > > RicardoH
> > > Sent: Monday, 14 December 2009 1:29 PM

> > > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > > Subject: [FT897] Re: Silly Newbie questions
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> > FT897%40yahoogroups.com <FT897%2540yahoogroups.com>> , "Carl
> > > Wulfestieg" <ag4ls@> wrote:
> > > >
> > > > Ricardo Huang-
> > > > I'm guessing at the name. Why don't we start with your name and call?
> > Then
> > > I know who I'm talking to. You mentioned "split". Split has nothing to do
> > > with programming for repeater use. Also, it won't work if you don't
> > program
> > > the info into memory. If you're trying to program your FT-897 to operate
> > > repeaters, let me know and I'll send you the proper steps written out.
> > > > 73 Carl WZ4CW
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > > New to the board. I am trying to program the FT-897 to work with my local
> > > repeters. I am in FM mode, and the radio reads RPT REV VOX above the A,
> > B, C
> > > buttons. When I push A nothing happens not even a tone. This is the first
> > > time I turned the radio on.
> > >
> > > Ric
> > > KJ6DOY
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
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> >
> >
>
>
> [Non-text portions of this message have been removed]
>

28589. Re: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-15 17:34:24 UTC
From: Dean Gibson AE7Q
Topic: 28560 Message: 28589

Are we sure that the "A" button switch isn't defective? Check to see
if it works on other "rows" of options.

On 2009-12-15 06:24, dj7sw wrote:
> Ref: Mfd-menue
>
> pse remenber: this [A] button is active only in narrow-FM mode.
>
> 73/Lup DJ7SW
>
>

28590. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 17:46:38 UTC
From: Steve Yates
Topic: 28562 Message: 28590

ALC itself IS a form of distortion. It does prevent the transmitter stages from being overdriven but once activated, the ALC feedback itself causes a non-linear response (input increases/output does not). The ALC action compresses the signal which usually helps the intelligibility of a voice signal if not over done. In normal voice SSB, the objectional distortion products will often fall outside the passband of the transmitter and are filtered out. This is not the case with narrowband digital modes when the transmitter's passband can still accept a ~3 kHz wide voice signal.

73,
Steve - AA5TB

>
> There appears to be somewhat of a misunderstanding going on here, if ALC is functioning correctly it does not compressed of your modulation.
> ALC usually operates by reducing the gain of a driver stage, and as long as the transmitter is operating in a linear region there'll be no additional distortion due to ALC action.
>
> Reducing the gain of the driver stage does not mean that it's linearity will necessarily be reduced. With the digital modes as long as the envelope is moderately constant, compared to the ALC a attack and decay time then all the ALC action will do is reduce the peak output power, and as long as the drive level does not cause any of the transmitter stages to go into non linearity there should not be a problem.
>
> However, to guarantee the situation the best solution is to set the transmitter for maximum output power and slowly increasing the drive until the required output power is achieved.
>
> 73
> Jeff
>

28591. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 20:38:52 UTC
From: g8hul
Topic: 28562 Message: 28591

--- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
>
> ALC itself IS a form of distortion. It does prevent the transmitter stages from being overdriven but once activated, the ALC feedback itself causes a non-linear response (input increases/output does not). The ALC action compresses the signal which usually helps the intelligibility of a voice signal if not over done. In normal voice SSB, the objectional distortion products will often fall outside the passband of the transmitter and are filtered out. This is not the case with narrowband digital modes when the transmitter's passband can still accept a ~3 kHz wide voice signal.
>

ALC in itself is NOT a form of distortion, and ALC feedback will not cause distortion per se. Where distortion will occur is only at the onset of a CHANGE in ALC level. ALC does not compress anything, it changes the gain of an amplifier, the amplifier is always linear just its gain has ben changed.

Once a constant ALC level is established there is no non-linear response. This is particularly relevant in digital modes where mostly there is something approaching a constant envelope to maintain a steady ALC level.

As long as any breaks or changes in level are shorter than the release time of the ALC loop there will be no change in level and no distortion.

73
Jeff

28592. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-15 23:08:55 UTC
From: Steve Yates
Topic: 28562 Message: 28592

Jeff,

I understand where you are coming from. My experience with the FT-897D and the PSK31 modulation envelope is that the ALC does not treat it as a constant envelope. The ALC meter flickers like crazy. In other words, there is a lot of CHANGE in ALC level during which time things are not linear. Without some true IMD measurements our theories don't mean much anyway :-) I personally don't want to see the ALC flicker when I use PSK31.

73,
Steve - AA5TB

--- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
>
> ALC in itself is NOT a form of distortion, and ALC feedback will not cause distortion per se. Where distortion will occur is only at the onset of a CHANGE in ALC level. ALC does not compress anything, it changes the gain of an amplifier, the amplifier is always linear just its gain has ben changed.
>
> Once a constant ALC level is established there is no non-linear response. This is particularly relevant in digital modes where mostly there is something approaching a constant envelope to maintain a steady ALC level.
>
> As long as any breaks or changes in level are shorter than the release time of the ALC loop there will be no change in level and no distortion.
>
> 73
> Jeff
>

28593. prob stupid question

Yahoo group: FT897 (2009)
Date: 2009-12-15 20:51:10 UTC
From: Dave
Topic: 28593 Message: 28593

Hi folks, I used to have an Icom 703, but it got stolen.
Was gonna replace it with another 703, soon I hope, but got to thinking about the 897D. I mainly use d it a a reciever. ANy help/ comments app.

David.

28594. Re: [FT897] Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-16 08:05:38 UTC
From: Richard Corfield
Topic: 28562 Message: 28594

We could do with a difinitive answer on this - perhaps some time with the right test gear.

The ALC circuit is, according to the modifications sheet posted here earlier, a resistor-capacitor circuit. That means it is a low pass filter with a time constant that's probably not too big. It will respond to any fluctuation in envelope power above its threshold. The fluctuations in PSK31 are 31 times per second because it uses a sine shaped pulse. It is slow enough to give a visible flicker on my Watt meter. The graph on the PSK31 distortion discussion shows this. That discussion also shows that even a small change in ALC level will introduce distortion, though the discussion modelled ALC as very fast acting. A slower ALC should be better.

Noise in my part of town is high enough that someone would have to be seriously overdriving to show up on my waterfall display. Some stations do and they're all over. Maybe the 30dB down or 20dB down side lobes are not visible to most listeners when there's only a little ALC action.

It's why I understood the requirement in answer to the original question as pixels not graduation marks. We want little ALC, but if you're just hitting it then you know you're using the full power.

Still, this means that if one of us can find time and kit we could do with performing some real tests. I have kit to do some rough testing. I can transmit into a dummy load and use a spectrum analyser on another PC with another receiver which should be representative. I'll try to fit time in to get all the kit together and do it, document it and write it up. I'd offer the proviso that the receiving computer has a poor quality sound card which will limit accuracy - but then poor quality sound cards on transmit would also limit quality.

- Richard

2009/12/15 Steve Yates <aa5tb@...>

>
>
>
>
> Jeff,
>
> I understand where you are coming from. My experience with the FT-897D and
> the PSK31 modulation envelope is that the ALC does not treat it as a
> constant envelope. The ALC meter flickers like crazy. In other words, there
> is a lot of CHANGE in ALC level during which time things are not linear.
> Without some true IMD measurements our theories don't mean much anyway :-) I
> personally don't want to see the ALC flicker when I use PSK31.

>
> 73,
> Steve - AA5TB
>
>
> --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "g8hul" <g8hul@...>
> wrote:
> >
> > ALC in itself is NOT a form of distortion, and ALC feedback will not
> cause distortion per se. Where distortion will occur is only at the onset of
> a CHANGE in ALC level. ALC does not compress anything, it changes the gain
> of an amplifier, the amplifier is always linear just its gain has ben
> changed.
> >
> > Once a constant ALC level is established there is no non-linear response.
> This is particularly relevant in digital modes where mostly there is
> something approaching a constant envelope to maintain a steady ALC level.
> >
> > As long as any breaks or changes in level are shorter than the release
> time of the ALC loop there will be no change in level and no distortion.
> >
> > 73
> > Jeff
> >
>
>
>

[Non-text portions of this message have been removed]

28595. Re: Another question regarding ALC

Yahoo group: FT897 (2009)
Date: 2009-12-16 13:22:58 UTC
From: g8hul
Topic: 28562 Message: 28595

> The ALC circuit is, according to the modifications sheet posted here
> earlier, a resistor-capacitor circuit. That means it is a low pass filter
> with a time constant that's probably not too big. It will respond to any
> fluctuation in envelope power above its threshold.

>The fluctuations in PSK31
> are 31 times per second because it uses a sine shaped pulse. It is slow
> enough to give a visible flicker on my Watt meter.

There are 2 time constants involved, a fast attack and a slow decay, and the fact that they are RC does not mean the time constants have to be short!!

The loop is designed to cope with the fluctuations encountered in speech so sould be able to cope with 31Hz fluctuations.

>The graph on the PSK31
> distortion discussion shows this. That discussion also shows that even a
> small change in ALC level will introduce distortion, though the discussion
> modelled ALC as very fast acting.

If you are takling about the same article that I looked at, it does not model ALC action, merely compression in an amplifier, which is not what is actually going on (unless the Tx is overdriven in the first place).

ALC will not cause compression, it will however, cause a transient change as the gain is adjusted. This will cause distortion, but unless the loop is very fast acing, and the envelope has large amplitude changes, it will be far less than a continuous overdrive, which is what is modelled.

All that said, it is probablly better to remove ALC from the equation if you can. That is why there is the recommendation to set for max o/p level and use the drive level controls to set the required power out. That way unless you approach the actual max power you will not have any ALC action at all, and everything remains linear and constant gain.

73
Jeff

28596. Re: [FT897] Digest Number 3481

Yahoo group: FT897 (2009)
Date: 2009-12-16 16:55:17 UTC
From: wd4aon@arrl.net
Topic: 28596 Message: 28596

---- FT897@yahoogroups.com wrote:
> There are 13 messages in this issue.
>
> Topics in this digest:
>
> 1a. Re: Another question regarding ALC
> From: willgord
> 1b. Re: Another question regarding ALC
> From: Richard Corfield
> 1c. Re: Another question regarding ALC
> From: g8hul
> 1d. Re: Another question regarding ALC
> From: Steve Yates
> 1e. Re: Another question regarding ALC
> From: g8hul
> 1f. Re: Another question regarding ALC
> From: Steve Yates
> 1g. Re: Another question regarding ALC
> From: Richard Corfield
>
> 2a. Re: Dots? Basic question on FT-897 meter reading...
> From: JonP
> 2b. Re: Dots? Basic question on FT-897 meter reading...
> From: D. F.
> 2c. Re: Dots? Basic question on FT-897 meter reading...
> From: Richard Corfield
>
> 3a. Re: Silly Newbie questions
> From: dj7sw
> 3b. Re: Silly Newbie questions
> From: Dean Gibson AE7Q
>
> 4. prob stupid question
> From: Dave
>
>
> Messages
> _____
> 1a. Re: Another question regarding ALC
> Posted by: "willgord" willgord@... willgord
> Date: Tue Dec 15, 2009 2:51 am ((PST))
>
> Okay, very basic question. What can I do to reduce modulation? I have cut mic gain way back, cut power to 20 watts. What else can I do to reduce modulation and keep from triggering ALC?

>
> Gordon
> K2GLW
>
> --- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@...> wrote:
> >
> > You cannot turn ALC off. Once your modulation level reaches a certain point relative to your output power, it takes action. For best signals in DIG, you must not see any display when the ALC button is pressed. If you see any indication in ALC, it means your transmitter is compressing your modulation and you will have IMD. Keep your power/modulation at a point below any ALC action and you should be OK.
> >
> > Dave
> > N3DT
> >
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>
> Messages in this topic (9)
> _____
> 1b. Re: Another question regarding ALC
> Posted by: "Richard Corfield" richard.corfield@... m0rjc
> Date: Tue Dec 15, 2009 3:21 am ((PST))
>
> It's entirely down to the amount of signal you're feeding in and the input
> gain (mic gain) setting.
>
> Which port are you using to feed sound in? You may need to use an attenuator
> or matching transformer to drop the level from your sound card to the level
> expected by the radio. A resistor network makes a simple attenuator. I've
> not had problems using the "Data" port on the back of the radio direct to
> the sound card.
>
> - Richard (M0RJC)
>
> 2009/12/15 willgord <willgord@...>
>
> >
> >
> > Okay, very basic question. What can I do to reduce modulation? I have cut
> > mic gain way back, cut power to 20 watts. What else can I do to reduce
> > modulation and keep from triggering ALC?
> >
> > Gordon
> > K2GLW
> >

> >
> > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "dogdavetika"
> > <dogdavetika@...> wrote:
> > >
> > > You cannot turn ALC off. Once your modulation level reaches a certain
> > point relative to your output power, it takes action. For best signals in
> > DIG, you must not see any display when the ALC button is pressed. If you see
> > any indication in ALC, it means your transmitter is compressing your
> > modulation and you will have IMD. Keep your power/modulation at a point
> > below any ALC action and you should be OK.
> > >
> > > Dave
> > > N3DT
> > >
> >
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> [Non-text portions of this message have been removed]
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>
> Messages in this topic (9)
> _____
> 1c. Re: Another question regarding ALC
> Posted by: "g8hul" g8hul@... g8hul
> Date: Tue Dec 15, 2009 3:27 am ((PST))
>
>
>
> --- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
> >
> > Okay, very basic question. What can I do to reduce modulation? I have cut mic gain way back, cut power to 20 watts. What else can I do to reduce modulation and keep from triggering ALC?
> >
> > Gordon
> > K2GLW
> >
> > --- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@> wrote:
> > >
> > > You cannot turn ALC off. Once your modulation level reaches a certain point relative to your output power, it takes action. For best signals in DIG, you must not see any display when the ALC button is pressed. If you see any indication in ALC, it means your transmitter is compressing your modulation and you will have IMD. Keep your power/modulation at a point below any ALC action and you should be OK.
> > >

>
> There appears to be somewhat of a misunderstanding going on here, if ALC is functioning correctly it does not compressed of your modulation.
> ALC usually operates by reducing the gain of a driver stage, and as long as the transmitter is operating in a linear region there'll be no additional distortion due to ALC action.
>
> Reducing the gain of the driver stage does not mean that it's linearity will necessarily be reduced. With the digital modes as long as the envelope is moderately constant, compared to the ALC a attack and decay time then all the ALC action will do is reduce the peak output power, and as long as the drive level does not cause any of the transmitter stages to go into non linearity there should not be a problem.
>
> However, to guarantee the situation the best solution is to set the transmitter for maximum output power and slowly increasing the drive until the required output power is achieved.
>
> 73
> Jeff
>
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>
> Messages in this topic (9)
> _____
> 1d. Re: Another question regarding ALC
> Posted by: "Steve Yates" aa5tb@... aa5tb
> Date: Tue Dec 15, 2009 10:11 am ((PST))
>
> ALC itself IS a form of distortion. It does prevent the transmitter stages from being overdriven but once activated, the ALC feedback itself causes a non-linear response (input increases/output does not). The ALC action compresses the signal which usually helps the intelligibility of a voice signal if not over done. In normal voice SSB, the objectional distortion products will often fall outside the passband of the transmitter and are filtered out. This is not the case with narrowband digital modes when the transmitter's passband can still accept a ~3 kHz wide voice signal.
>
> 73,
> Steve - AA5TB
>
> >
> > There appears to be somewhat of a misunderstanding going on here, if ALC is functioning correctly it does not compressed of your modulation.
> > ALC usually operates by reducing the gain of a driver stage, and as long as the transmitter is operating in a linear region there'll be no additional distortion due to ALC action.
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> > Reducing the gain of the driver stage does not mean that it's linearity will necessarily be reduced. With the digital modes as long as the envelope is moderately constant, compared to the ALC a attack and decay time then all the ALC action will do is reduce the peak output power, and as long as the drive level does not cause any of the transmitter stages to go into non linearity there should not be a problem.
> >
> > However, to guarantee the situation the best solution is to set the transmitter for maximum output power and slowly

increasing the drive until the required output power is achieved.
> >
> > 73
> > Jeff
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> Messages in this topic (9)
> _____
> 1e. Re: Another question regarding ALC
> Posted by: "g8hul" g8hul@aerial.freeserve.co.uk g8hul
> Date: Tue Dec 15, 2009 12:51 pm ((PST))
>
>
>
> --- In FT897@yahoogroups.com, "Steve Yates" <aa5tb@...> wrote:
> >
> > ALC itself IS a form of distortion. It does prevent the transmitter stages from being overdriven but once activated, the ALC feedback itself causes a non-linear response (input increases/output does not). The ALC action compresses the signal which usually helps the intelligibility of a voice signal if not over done. In normal voice SSB, the objectional distortion products will often fall outside the passband of the transmitter and are filtered out. This is not the case with narrowband digital modes when the transmitter's passband can still accept a ~3 kHz wide voice signal.
> >
>
> ALC in itself is NOT a form of distortion, and ALC feedback will not cause distortion per se. Where distortion will occur is only at the onset of a CHANGE in ALC level. ALC does not compress anything, it changes the gain of an amplifier, the amplifier is always linear just its gain has ben changed.
>
> Once a constant ALC level is established there is no non-linear response. This is particularly relevant in digital modes where mostly there is something approaching a constant envelope to maintain a steady ALC level.
>
> As long as any breaks or changes in level are shorter than the release time of the ALC loop there will be no change in level and no distortion.
>
> 73
> Jeff
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>
> Messages in this topic (9)
> _____
> 1f. Re: Another question regarding ALC

> Posted by: "Steve Yates" aa5tb@... aa5tb
> Date: Tue Dec 15, 2009 3:21 pm ((PST))
>
>
>
> Jeff,
>
> I understand where you are coming from. My experience with the FT-897D and the PSK31 modulation envelope is that the ALC does not treat it as a constant envelope. The ALC meter flickers like crazy. In other words, there is a lot of CHANGE in ALC level during which time things are not linear. Without some true IMD measurements our theories don't mean much anyway :-) I personally don't want to see the ALC flicker when I use PSK31.
>
> 73,
> Steve - AA5TB
>
>
> --- In FT897@yahoogroups.com, "g8hul" <g8hul@...> wrote:
> >
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> >
> > 73
> > Jeff
> >
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>
> Messages in this topic (9)
> _____
> 1g. Re: Another question regarding ALC
> Posted by: "Richard Corfield" richard.corfield@... m0rjc
> Date: Wed Dec 16, 2009 12:05 am ((PST))
>
> We could do with a difinitive answer on this - perhaps some time with the
> right test gear.
>
> The ALC circuit is, according to the modifications sheet posted here
> earlier, a resistor-capacitor circuit. That means it is a low pass filter

> with a time constant that's probably not too big. It will respond to any
> fluctuation in envelope power above its threshold. The fluctuations in PSK31
> are 31 times per second because it uses a sine shaped pulse. It is slow
> enough to give a visible flicker on my Watt meter. The graph on the PSK31
> distortion discussion shows this. That discussion also shows that even a
> small change in ALC level will introduce distortion, though the discussion
> modelled ALC as very fast acting. A slower ALC should be better.
>
> Noise in my part of town is high enough that someone would have to be
> seriously overdriving to show up on my waterfall display. Some stations do
> and they're all over. Maybe the 30dB down or 20dB down side lobes are not
> visible to most listeners when there's only a little ALC action.
>
> It's why I understood the requirement in answer to the original question as
> pixels not graduation marks. We want little ALC, but if you're just hitting
> it then you know you're using the full power.
>
> Still, this means that if one of us can find time and kit we could do with
> performing some real tests. I have kit to do some rough testing. I can
> transmit into a dummy load and use a spectrum analyser on another PC with
> another receiver which should be representative. I'll try to fit time in to
> get all the kit together and do it, document it and write it up. I'd offer
> the proviso that the receiving computer has a poor quality sound card which
> will limit accuracy - but then poor quality sound cards on transmit would
> also limit quality.
>
> - Richard
>
> 2009/12/15 Steve Yates <aa5tb@...>
>
> > >
> > >
> > >
> > > Jeff,
> > >
> > > I understand where you are coming from. My experience with the FT-897D and
> > > the PSK31 modulation envelope is that the ALC does not treat it as a
> > > constant envelope. The ALC meter flickers like crazy. In other words, there
> > > is a lot of CHANGE in ALC level during which time things are not linear.
> > > Without some true IMD measurements our theories don't mean much anyway :-) I
> > > personally don't want to see the ALC flicker when I use PSK31.
> > >
> > > 73,
> > > Steve - AA5TB
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "g8hul" <g8hul@...>
> > > wrote:

> > >
> > > ALC in itself is NOT a form of distortion, and ALC feedback will not
> > cause distortion per se. Where distortion will occur is only at the onset of
> > a CHANGE in ALC level. ALC does not compress anything, it changes the gain
> > of an amplifier, the amplifier is always linear just its gain has ben
> > changed.
> > >
> > > Once a constant ALC level is established there is no non-linear response.
> > This is particularly relevant in digital modes where mostly there is
> > something approaching a constant envelope to maintain a steady ALC level.
> > >
> > > As long as any breaks or changes in level are shorter than the release
> > time of the ALC loop there will be no change in level and no distortion.
> > >
> > > 73
> > > Jeff
> > >
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>
> [Non-text portions of this message have been removed]
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>
> Messages in this topic (9)
> _____
> _____
> 2a. Re: Dots? Basic question on FT-897 meter reading...
> Posted by: "JonP" jperelst@... jperelst
> Date: Tue Dec 15, 2009 3:44 am ((PST))
>
> So what is the answer to the OP's question? It seems that two entirely different answers have been given -- neither of which actually answers the OP's question.
>
> Answer 1: The FT-897 manual suggests having some reading on the ALC ("... seven to eight dots on the ALC meter ..."), so the answer is "... seven to eight dots on the ALC meter ...", even though not many people have responded to the question of what Yaesu means by "dots" (are they pixels or are they hash marks on the meter?).
>
> Answer 2: Some responders talk about having "... no ALC action ...", but haven't actually described what "... no ALC action ..." means in practical terms. Does it mean no deflection on the ALC at all, or does it mean seven to eight dots on the ALC meter, but with no fluctuation on those seven to eight dots.
>
> I've measured my PSK signal with an IMD meter and I've asked people nearby and far away to look at my signal on the waterfall. Both methods give me good marks on my signal when I drop digital gain to the point where I have about

seven hash marks on the ALC meter but without any fluctuation. Interestingly, that results in my seeing power output at about 1/4 of the reading I get when I just hold down the key in CW mode.
>
> Jon, KB1QBZ
>
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>
> Messages in this topic (16)
> _____
> 2b. Re: Dots? Basic question on FT-897 meter reading...
> Posted by: "D. F." n8bmb1@... n8bmb1
> Date: Tue Dec 15, 2009 4:46 am ((PST))
>
> Yeasu is going with the belief that any ☐reasonable☐ person would know
> that ☐dots☐ means ☐hash marks☐, and NOT pixels. That would be like
> showing only a few ☐pixels☐ of a picture on a computer monitor, c☐mon,
> use that grey matter!
>
> ☐No ALC action☐ is exactly as stated ☐ but for those who need it
> interpreted ☐ means NO movement is seen on the meter!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> JonP
> Sent: Tuesday, December 15, 2009 05:41
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: Dots? Basic question on FT-897 meter reading...
>
>
> So what is the answer to the OP's question? It seems that two entirely
> different answers have been given -- neither of which actually answers
> the OP's question.
>
> Answer 1: The FT-897 manual suggests having some reading on the ALC
> ("... seven to eight dots on the ALC meter ..."), so the answer is "...
> seven to eight dots on the ALC meter ...", even though not many people
> have responded to the question of what Yaesu means by "dots" (are they
> pixels or are they hash marks on the meter?).
>
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> haven't actually described what "... no ALC action ..." means in

> practical terms. Does it mean no deflection on the ALC at all, or does
> it mean seven to eight dots on the ALC meter, but with no fluctuation on
> those seven to eight dots.
>
> I've measured my PSK signal with an IMD meter and I've asked people
> nearby and far away to look at my signal on the waterfall. Both methods
> give me good marks on my signal when I drop digital gain to the point
> where I have about seven hash marks on the ALC meter but without any
> fluctuation. Interestingly, that results in my seeing power output at
> about 1/4 of the reading I get when I just hold down the key in CW mode.
>
>
> Jon, KB1QBZ
>
>
>
> [Non-text portions of this message have been removed]
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>
> Messages in this topic (16)
> _____
> 2c. Re: Dots? Basic question on FT-897 meter reading...
> Posted by: "Richard Corfield" richard.corfield@... m0rjc
> Date: Tue Dec 15, 2009 5:31 am ((PST))
>
> I thought it mean pixel, because that is what a dot on a dot matrix display
> is for me. Graduations are something different. They could have used a less
> ambiguous word.
>
> - Richard
>
> 2009/12/15 D. F. <n8bmb1@...>
>
> >
> >
> > Yeasu is going with the belief that any "reasonable" person would know
> > that "dots" means "hash marks", and NOT pixels. That would be like
> > showing only a few "pixels" of a picture on a computer monitor, c´mon,
> > use that grey matter!
> >
> > "No ALC action" is exactly as stated - but for those who need it
> > interpreted - means NO movement is seen on the meter!
> >
> > Dennis - N8BMB
> >

> >
> > -----Original Message-----
> > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:
> > FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > JonP
> > Sent: Tuesday, December 15, 2009 05:41
> > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > Subject: [FT897] Re: Dots? Basic question on FT-897 meter reading...
> >
> >
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> >
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> > give me good marks on my signal when I drop digital gain to the point
> > where I have about seven hash marks on the ALC meter but without any
> > fluctuation. Interestingly, that results in my seeing power output at
> > about 1/4 of the reading I get when I just hold down the key in CW mode.
> >
> > Jon, KB1QBZ
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Messages in this topic (16)

> _____
> _____
> 3a. Re: Silly Newbie questions
> Posted by: "dj7sw" dj7sw@... dj7sw
> Date: Tue Dec 15, 2009 6:25 am ((PST))
>
> Ref: Mfd-menue
>
> pse remenber: this [A] button is active only in narrow-FM mode.
>
> 73/Lup DJ7SW
>
> --- In FT897@yahoogroups.com, Richard Corfield <richard.corfield@...> wrote:
> >
> > If you're pressing RTP (button A) then you should see a little + or - appear
> > in the top of the display. Repeatedly pressing the button This is the
> > repeater offset mode, which is an example of a split only it's all done
> > conveniently for you rather than setting it up the hard way. The offset is
> > set up in the menus.
> >
> > - Richard (M0RJC)
> >
> > 2009/12/14 RicardoH <huang_wan@...>
> >
> > >
> > >
> > > Thanks Simon but I don't have the lock on the other buttons seem to
> > > function, it's just the "A" button that does not work.
> > >
> > > Ric
> > > KJ6DOY
> > >
> > >
> > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com>, "Simon"
> > > <igotspammed@> wrote:
> > > >
> > > > Make sure you don't have the lock on. This, if active, will disable the
> > > > multifunction button's, and other controls on the front panel. You've
> > > > possibly hit the lock when trying to adjust the VFO.
> > > >
> > > >
> > > >
> > > >
> > > > Simon
> > > >
> > > > VK5LNX
> > > >
> > > >
> > > >
> > > >
> > > > From: FT897@yahoogroups.com <FT897%40yahoogroups.com> [mailto:

> > > FT897@yahoogroups.com <FT897%40yahoogroups.com>] On Behalf Of
> > > > RicardoH
> > > > Sent: Monday, 14 December 2009 1:29 PM
> > > > To: FT897@yahoogroups.com <FT897%40yahoogroups.com>
> > > > Subject: [FT897] Re: Silly Newbie questions
> > > >
> > > >
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> > > >
> > > >
> > > > --- In FT897@yahoogroups.com <FT897%40yahoogroups.com> <mailto:
> > > FT897%40yahoogroups.com <FT897%2540yahoogroups.com>> , "Carl
> > > > Wulfestieg" <ag4ls@> wrote:
> > > > >
> > > > > Ricardo Huang-
> > > > > I'm guessing at the name. Why don't we start with your name and call?
> > > Then
> > > > I know who I'm talking to. You mentioned "split". Split has nothing to do
> > > > with programming for repeater use. Also, it won't work if you don't
> > > program
> > > > the info into memory. If you're trying to program your FT-897 to operate
> > > > repeaters, let me know and I'll send you the proper steps written out.
> > > > > 73 Carl WZ4CW
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > > New to the board. I am trying to program the FT-897 to work with my local
> > > > repeters. I am in FM mode, and the radio reads RPT REV VOX above the A,
> > > B, C
> > > > buttons. When I push A nothing happens not even a tone. This is the first
> > > > time I turned the radio on.
> > > >
> > > > Ric
> > > > KJ6DOY
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
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> > >
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> >

> > [Non-text portions of this message have been removed]
> >
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>
>
> Messages in this topic (12)
> _____
> 3b. Re: Silly Newbie questions
> Posted by: "Dean Gibson AE7Q" yahoo@ae7q.net dean_ae7q
> Date: Tue Dec 15, 2009 10:04 am ((PST))
>
> Are we sure that the "A" button switch isn't defective? Check to see
> if it works on other "rows" of options.
>
>
> On 2009-12-15 06:24, dj7sw wrote:
> > Ref: Mfd-menue
> >
> > pse remenber: this [A] button is active only in narrow-FM mode.
> >
> > 73/Lup DJ7SW
> >
> >
>
>
>
>
>
> Messages in this topic (12)
> _____
> _____
> 4. prob stupid question
> Posted by: "Dave" teckserve@... teckserve
> Date: Tue Dec 15, 2009 11:21 pm ((PST))
>
> Hi folks, I used to have an Icom 703, but it got stolen.
> Was gonna replace it with another 703, soon I hope, but got to thinking about the 897D. I mainly use d it a a reciever.
ANy help/ comments app.
>
> David.
>
>
>
>
>

>
>
> Messages in this topic (1)
>
>
>
>
>
> ---
> Yahoo! Groups Links
>
>
Does anyone have ADMS software for 1:) FT-897 (not D), 2. FT-1500 3. FT-847 3. FT-8800 and/or FT-767? Cabling info for preceding? TIA
Terry
wd4aon@...
HI guys:
Does anyone have ADMS software for: 1. FT-897 (not D) 2. FT-1500 3. FT8800 4: FT-847? Cables or info? TIA
Terry
wd4aon@arrl.net

28597. FT-897d Knob Broke (shaft)

Yahoo group: FT897 (2009)
Date: 2009-12-17 22:04:01 UTC
From: Jim M
Topic: 28597 Message: 28597

My clarifier knob shaft broke from a book sliding on the shelf. It didn't require any unusual force to break the knob shaft. So I called Yaesu and found that is it meant to break instead of transferring force to the pcb, which is quite costly!

The replacement encoder "pot" is part # Q9000790 @ $1.39 each. So order several pots guys, I imagine that once will not be the only time it breaks!

73
Jim AF1MR

28598. FT-897 Front Panel Knob Protection

Yahoo group: FT897 (2009)
Date: 2009-12-17 22:06:23 UTC
From: Jim M
Topic: 28598 Message: 28598

Is there a kit of "handles" which can be added to the front panel sides to make protection for the front panel knobs? (sim to the ones on the Icom 7200)

73
Jim M
AF1MR

28599. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-16 17:25:08 UTC
From: Rich
Topic: 28560 Message: 28599

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
> I took the advice presented here and read the manual a few times prior to even turning the radio on. In addition to being new to radios I'm a new ham so please forgive me for the ensuing question flood.
>
> When I tried to set the radio up for a repeater operation in the 2m band for a - split pressing A does nothing not even beep. I have selected the CTCSS freq but not even a beep from the A button. Holding it does nothing either. I know it's me
>

Please don't think your question is silly.
If I understand right, your trying to select CTCSS.
It sounds like your in the wrong menu.
When your in Mfd RPT REV VOX pressing A changes the offset to either simplex, + or _.
I think you want to be in Mfe TON TDCH. Now if you press A and hold it, it will take you to Tone Freq. Select the TONE and press and hold the F button.
Hope that helps.
73
W7RTL
Rich

28600. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-18 06:21:20 UTC
From: RicardoH
Topic: 28560 Message: 28600

Yes the [A] button works in other rows of options
--- In FT897@yahoogroups.com, Dean Gibson AE7Q <yahoo@...> wrote:
>
> Are we sure that the "A" button switch isn't defective? Check to see
> if it works on other "rows" of options.
>
>
> On 2009-12-15 06:24, dj7sw wrote:
> > Ref: Mfd-menue
> >
> > pse remenber: this [A] button is active only in narrow-FM mode.
> >
> > 73/Lup DJ7SW
> >
> >
>

28601. Re: Dots? Basic question on FT-897 meter reading...

Yahoo group: FT897 (2009)
Date: 2009-12-19 01:23:58 UTC
From: marshallstax
Topic: 28543 Message: 28601

Thanks.... based on your and other responses to my original note, I think Yaesu means pixels, not the pips (gradations) on the bar. Everyone says, in one way or another, that there should be no, or almost no, ALC activity in the digital mode on the FT-897.

Since Yaesu says "a few" and "seven or eight" ("dots") the meaning is cloudy, given the sometimes tortured wordings found in certain instruction manuals. And as the "seven or eight" reference is within the number of gradations shown, the confusion arises.

The feeling I get though is less is best and that, in this situation, Yaesu is trying to say 'almost no' response on the ALC meter. Going to 7 or 8 gradations would be way too much. Going to 7 or 8 pixels/dots is like saying 'almost no response' on the meter, which seems to be correct.

Thanks again to you and all who answered.

Robin, N6RLS

--- In FT897@yahoogroups.com, "Kent & Shirley" <larsenks@...> wrote:
>
> Hey Robin! Don't feel bad about asking this question. Personally I have read that section of the instructions at least 50 times trying to understand what Yaesu means, or meant to say. I assumed pips, but if I adjust ALC to a few pips (or 7 or 8 which is a lot more than a few), then I may have violated one of the basic laws of the digital airwaves. I certainly don't want to be hunted down and shot like a rabid dog by marauding bands of ALC-haters by making my psk31 too wide. Nor would I enjoy my ham neighbors coming over to my house in the cover of darkness to stick pins in my coax for having too wide of psk31 tracks. Power out is really low on my 897 if I show zero ALC. I hope, like you do, that some "kind knight of the round table" will explain to us, or point us to a detailed article that explains which modes must be ALC-free, and which don't (like perhaps cw & rtty where many people run very high power). I wonder what is allowable for the new WINMOR or PACTOR, and for all the other modes? I note that Rob in ZL-land has big antennas to get out well-- does that mean I too can compensate by turning on my linear with no ALC, hihi? What about out-west here when a European says he is using 100 watts on psk31 to call CQ and shows only a thin line on the waterfall, and I assume that I need 100 watts to get his attention? How does all this relate to the FT-897, showing pips on ALC per the instructions, the mode, and all the other variables at play? I doubt there is a quick and easy answer to ALL our questions, but I'd sure like to learn all the answers! Here is hoping that we get a comprehensive response, not just the usual "no ALC" stock answer. 73 de Kent ad7hk
> > --- In FT897@yahoogroups.com, "marshallstax" <marshallstax@> wrote:
> > >
> > > Sorry if this a dumb question, but at page 38 of the owner manual, at Digital Mode Operation, I can read:
> > > "....While transmitting, view the ALC meter; a few "dots" of ALC indication should be observed. If not, rotate the dial knob to adjust... for seven to eight dots on the ALC meter."

> >
> > Does the term "dots" refer to the actual pixels or to the S-1, S-2, etc, pips running along the top of the bar below the actual meter indication? Eight dots is right at the first pip (S-1) on the meter.
> >
> > Pictures would help... a "few dots" is, to me, a barely-showing meter indication, maybe below the first (S-1) pip on the scale. I count, starting from the far left pip:
> >
> > 0 = 1st dot
> > 1 = 8th dot
> > 2 = 15th dot
> > 3 = 22nd dot
> > 4 = 29th dot
> > 5 = 36th dot
> > 6 = 43rd dot
> > 7 = 50th dot
> > 8 = 57th dot
> > 9 = 64th & 65th dots
> >
> > For some reason I had thought that Yaesu meant the pips rather than the dots/pixels. I'm very new to trying to use digital modes and "a few dots" seemed like too low a signal. I just want to hear it from an experienced user.
> >
> >
> > Thanks!
> >
> > Robin, N6RLS
> >
>

28603. Beeping on Transmission

Yahoo group: FT897 (2009)
Date: 2009-12-19 05:19:36 UTC
From: Risk
Topic: 28603 Message: 28603

Hi guys,

My FT-897D every so often, beeps whilst I am transmitting. 80m or 40m its not overly choosy when it does it. I read something about stray RF getting in via the 2m antenna. So I disconnected that. Nothing much has changed. Now the interesting part, is that it sets the running man running when Lock is not activated. When lock is activated, it just beeps. Weird, and annoying. Any clues ?

Jason
VK2WAR

28604. Re: FT-897d Knob Broke (shaft)

Yahoo group: FT897 (2009)
Date: 2009-12-19 10:58:42 UTC
From: dj7sw
Topic: 28597 Message: 28604

On way back from 4S7 the clarifier shaft broke here too. I inserted a wooden peace into the axis and clued altogether with epoxy (german two component "UHU plus"). For future trips i will bent a aluminium cover to protect the panel during transport. On the left side are two screw holes (antennatuner holes) and on the right side you have to make your own...
In the meantime i ordered a new encoder, the reasons Jim reported, convinced me.

73 de Lup/DJ7SW

--- In FT897@yahoogroups.com, "Jim M" <jimthescot989@...> wrote:
>
> My clarifier knob shaft broke from a book sliding on the shelf. It didn't require any unusual force to break the knob shaft. So I called Yaesu and found that is it meant to break instead of transferring force to the pcb, which is quite costly!
>
> The replacement encoder "pot" is part # Q9000790 @ $1.39 each. So order several pots guys, I imagine that once will not be the only time it breaks!
>
> 73
> Jim AF1MR
>

28605. Re: [FT897] Re: FT-897d Knob Broke (shaft)

Yahoo group: FT897 (2009)
Date: 2009-12-19 16:04:10 UTC
From: Lew Phelps K6LMP
Topic: 28597 Message: 28605

I've fabricated an alluminum "protector" that wraps around the lower right corner, but instead of screwing it in, I just attached it with a lot of "industrial strength" Velcro. This is more than strong enough to hold in place from the impact of a fall from desk height, and it can be removed almost instantaneously. I've had several shafts broken from accidental impacts. I think it 's a VERY common problem with the 897. Despite its "ruggedized" looks, the knobs are quite vulnerable.

Lew K6LMP

On Dec 19, 2009, at 2:58 AM, dj7sw wrote:

> On way back from 4S7 the clarifier shaft broke here too. I inserted a wooden peace into the axis and clued altogether with epoxy (german two component "UHU plus"). For future trips i will bent a aluminium cover to protect the panel during transport. On the left side are two screw holes (antennatuner holes) and on the right side you have to make your own...
> In the meantime i ordered a new encoder, the reasons Jim reported, convinced me.
>
> 73 de Lup/DJ7SW
>
> --- In FT897@yahoogroups.com, "Jim M" <jimthescot989@...> wrote:
> >
> > My clarifier knob shaft broke from a book sliding on the shelf. It didn't require any unusual force to break the knob shaft. So I called Yaesu and found that is it meant to break instead of transferring force to the pcb, which is quite costly!
> >
> > The replacement encoder "pot" is part # Q9000790 @ $1.39 each. So order several pots guys, I imagine that once will not be the only time it breaks!
> >
> > 73
> > Jim AF1MR
> >
>
>

[Non-text portions of this message have been removed]

28606. Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-19 19:47:34 UTC
From: RicardoH
Topic: 28560 Message: 28606

I figured it out: When I first turned on my radio my exuberant button pressing led me to press multi-function row "a" [C]

When I went back to look at where the +, - should appear on the display I noticed that I had [SPL] displayed. I went in set multi-function row "a" [A]. Now it works as the manual describes. I was going to return the radio as faulty today!!!

Thanks for everyone who tried to help me and please bear with me for a while.

Ric
KJ6DOY

--- In FT897@yahoogroups.com, "RicardoH" <huang_wan@...> wrote:
>
>
> Yes the [A] button works in other rows of options
> --- In FT897@yahoogroups.com, Dean Gibson AE7Q <yahoo@> wrote:
> >
> > Are we sure that the "A" button switch isn't defective? Check to see
> > if it works on other "rows" of options.
> >
> >
> > On 2009-12-15 06:24, dj7sw wrote:
> > > Ref: Mfd-menue
> > >
> > > pse remenber: this [A] button is active only in narrow-FM mode.
> > >
> > > 73/Lup DJ7SW
> > >
> > >
> >
>

28607. PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-21 14:23:56 UTC
From: GeorgeS
Topic: 28607 Message: 28607

There is new software for doing PSK31 with the iPhone/iPod Touch. Since the iPhone is not a conventional computer, and has no PTT capability, just audio in/out, my question is as follows:

Will VOX work through the data port of the FT-897D? If not, could I wire a connection up through the mic connector that will allow VOX? Thanks.

George
KC2VQV

28608. Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-21 15:47:50 UTC
From: RicardoH
Topic: 28607 Message: 28608

George,

This software sounds rather neat what is it called?

Ric
KJ6DOY

--- In FT897@yahoogroups.com, "GeorgeS" <geodstewart@...> wrote:
>
> There is new software for doing PSK31 with the iPhone/iPod Touch. Since the iPhone is not a conventional computer, and has no PTT capability, just audio in/out, my question is as follows:
>
> Will VOX work through the data port of the FT-897D? If not, could I wire a connection up through the mic connector that will allow VOX? Thanks.
>
> George
> KC2VQV
>

28609. Next silly newbie question

Yahoo group: FT897 (2009)
Date: 2009-12-21 15:49:21 UTC
From: RicardoH
Topic: 28609 Message: 28609

What is the clarifier knob, when and how is it used?

Ric
KJ6DOY

28610. Re: [FT897] PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-21 14:56:17 UTC
From: dug b
Topic: 28607 Message: 28610

Menu number 40 is a setting named "digivox" that provides vox capability thru the data-port when you set the radio to digital mode.

From: GeorgeS <geodstewart@...>

To: FT897@yahoogroups.com
Sent: Mon, December 21, 2009 9:23:56 AM
Subject: [FT897] PSK31 with iPhone

There is new software for doing PSK31 with the iPhone/iPod Touch. Since the iPhone is not a conventional computer, and has no PTT capability, just audio in/out, my question is as follows:

Will VOX work through the data port of the FT-897D? If not, could I wire a connection up through the mic connector that will allow VOX? Thanks.

George
KC2VQV

[Non-text portions of this message have been removed]

28611. Re: [FT897] PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-21 16:07:45 UTC
From: Richard Corfield
Topic: 28607 Message: 28611

VOX does work with the 897 in digital mode. Use the "DIG VOX" menu (No 40).
I use the data port on the back of the radio.

PSK on a phone size device - sounds interesting!

- Richard

2009/12/21 GeorgeS <geodstewart@...m>

>
>
> There is new software for doing PSK31 with the iPhone/iPod Touch. Since the
> iPhone is not a conventional computer, and has no PTT capability, just audio
> in/out, my question is as follows:
>
> Will VOX work through the data port of the FT-897D? If not, could I wire a
> connection up through the mic connector that will allow VOX? Thanks.
>
> George
> KC2VQV
>
>
>

[Non-text portions of this message have been removed]

28612. Re: [FT897] Next silly newbie question

Yahoo group: FT897 (2009)
Date: 2009-12-21 16:42:23 UTC
From: Richard Corfield
Topic: 28609 Message: 28612

Otherwise known as RIT (Receive Incremental Tuning). On SSB if the person you're talking to is off tune lets you tune to them on receive without changing your transmit frequency. (Otherwise they may adjust for your change and you end up chasing each other up or down the band).

- Richard (M0RJC)

2009/12/21 RicardoH <huang_wan@...>

>
>
> What is the clarifier knob, when and how is it used?
>
> Ric
> KJ6DOY
>
>
>

[Non-text portions of this message have been removed]

28613. Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-21 21:14:30 UTC
From: GeorgeS
Topic: 28607 Message: 28613

The software, "i-psk31," is available on Apple's App Store.

28614. Want to buy FT-897 main board

Yahoo group: FT897 (2009)
Date: 2009-12-21 22:33:43 UTC
From: JON D
Topic: 28614 Message: 28614

anybody have a working FT-897 mainboard that want to sell? mine got zapped by static electricity discharge and wont power up now. Let me know the price and if it's reasonable for me I could pay by paypal. Happy holidays and 73's

JON KG6SQO

28615. INRAD 720 Filter Info

Yahoo group: FT897 (2009)
Date: 2009-12-21 15:32:41 UTC
From: Jeff Walker
Topic: 28615 Message: 28615

Anyone using a International Radio #720 2000 hz ssb filter, pse contact me off list. I would like to talk to a user before purchasing.

Thanks,
Jeff

[Non-text portions of this message have been removed]

28616. Re: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-18 21:18:28 UTC
From: PY5VB-Villas Boas
Topic: 28560 Message: 28616

Hi All:

My FT897D (serial 7L890377) is open to TX in all HF/VHF/UHF bands.
My question: The 5 memories M601 to M605 (60M band) is not possible to see in any memories bank. It?s Ok ?

73. Villas - PY5VB

28617. Re: [FT897] INRAD 720 Filter Info

Yahoo group: FT897 (2009)
Date: 2009-12-22 06:12:49 UTC
From: Dean Gibson AE7Q
Topic: 28615 Message: 28617

I'd strongly encourage you to continue the discussion on-list if possible. Moving discussions of general interest (and the INRAD filters frequently come up in discussion) off the list defeats the purpose of the list in sharing pertinent info among all list members (and in some cases, repeating the info). In point, I have the INRAD 2kHz filter in my FT-897D; what would you like to know?

Note that the mail archives may also answer your question, as questions about the INRAD 2 kHz are frequently asked and answered.

-- Dean

On 2009-12-21 07:32, Jeff Walker wrote:
> Anyone using a International Radio #720 2000 hz ssb filter, pse contact me off list. I would like to talk to a user before purchasing.
>
> Thanks,
> Jeff
>
>

28618. Re: [FT897] Re: Silly Newbie questions

Yahoo group: FT897 (2009)
Date: 2009-12-22 06:33:41 UTC
From: Trixter aka Bret McDanel
Topic: 28560 Message: 28618

On Fri, 2009-12-18 at 19:18 -0200, PY5VB-Villas Boas wrote:
>
> Hi All:
>
> My FT897D (serial 7L890377) is open to TX in all HF/VHF/UHF bands.
> My question: The 5 memories M601 to M605 (60M band) is not possible
> to
> see in any memories bank. It´s Ok ?
>
> 73. Villas - PY5VB

those only exist in unmodified US versions. When you modded it to open the Tx you lost that. The only way I am aware of is to manually program them into other memories, perhaps as a group if you want the band tuning function. This is a firmware limitation that was placed on the radio, largely so that regulatory compliance could be achieved more easily.

The radio itself is fine, it just does not know that its a US model anymore after the mod since the US model does not have the more liberal Tx ability.

Just be sure that when you program the memories you do it right, the FCC publishes center frequency and since its sideband this is not what is displayed (on most radios not just this one).

kc2dwq

>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28619. Re: [FT897] PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-22 21:28:10 UTC
From: Edward Thorpe
Topic: 28607 Message: 28619

Have you interfaced the iPod Touch yet? If so, how did you do it?

Ted Thorpe, VE3HPL

On 21-Dec-09, at 4:14 PM, GeorgeS wrote:

> The software, "i-psk31," is available on Apple's App Store.
>
>
>

[Non-text portions of this message have been removed]

28620. Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-22 22:14:53 UTC
From: GeorgeS
Topic: 28607 Message: 28620

I have not tried it yet. The software is in Italian - hopefully in English soon.

The software's Italian site indicates that one uses the four-conductor (two for stereo, and one each for common ground and mic.) audio jack.

I would love to see an all in one digital ham app.

28621. Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-22 22:14:14 UTC
From: GeorgeS
Topic: 28607 Message: 28621

I have not tried it yet. The software is in Italian - hopefully in English soon.

The software's Italian site indicates that one uses the four-conductor (two for stereo, and one each for common ground and mic.) audio jack.

I would love to see an all in one digital ham app.

28622. What are the symtoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-23 00:29:52 UTC
From: willgord
Topic: 28622 Message: 28622

Have used my 897D for about a year now. In the past few weeks, I find myself no longer getting noted in pile-ups and find it hard to hear stations the way I used to.

Have been running PSK31 a lot lately, at 20 watts on 20 meters. Stations hear me and respond, but their signal fades after a brief exchange.

Finally, the meter reading for power seldom goes more than midway across the scale.

Described all these symptons--especially what looks like a low power reading--to a veteran ham who laughed and said, "you've got a blown final." Another ham said what did I expect to happen when I ran a 100% duty cycle mode like PSK31--even at 20 watts.

So, does it sound like a blown final--or just bad band conditions that make it harder to make and complete contacts. I am a fairly new and can use all the help and advice I can get.

Gordon
K2GLW

28623. RE: [FT897] What are the symtoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-23 01:04:33 UTC
From: eric@van-de-weyer.org
Topic: 28622 Message: 28623

Hi Gordon,

The only way to know if you have a final problem is to put a reliable power meter & dummy load on the output and measure it. Anything else is guessing.

The fact that the receive also seems to be dropping off may mean that it is just conditions or there may be something else wrong such as antenna changeover in the rig. It may also be a problem with your antenna system, too.

Not every problem with a transceiver is a blown final and if you are getting some power out, then it is probably not the final.

73....Eric VK2VE.

>-- Original Message --
>To: FT897@yahoogroups.com
>From: "willgord" <willgord@...>
>Date: Wed, 23 Dec 2009 00:29:52 -0000
>Subject: [FT897] What are the symtoms of a blown final?
>Reply-To: FT897@yahoogroups.com
>
>
>Have used my 897D for about a year now. In the past few weeks, I find myself
>no longer getting noted in pile-ups and find it hard to hear stations the
>way I used to.
>
>Have been running PSK31 a lot lately, at 20 watts on 20 meters. Stations
>hear me and respond, but their signal fades after a brief exchange.
>
>Finally, the meter reading for power seldom goes more than midway across
>the scale.
>
>Described all these symptons--especially what looks like a low power reading--to
>a veteran ham who laughed and said, "you've got a blown final." Another
ham
>said what did I expect to happen when I ran a 100% duty cycle mode like
PSK31--even
>at 20 watts.
>
>So, does it sound like a blown final--or just bad band conditions that make
>it harder to make and complete contacts. I am a fairly new and can use all
>the help and advice I can get.
>
>Gordon
>K2GLW
>

>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

28624. Re: What are the symtoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-23 11:11:32 UTC
From: willgord
Topic: 28622 Message: 28624

i had not thought of a blown final nor even knew what one was. But I was describing my failure to make many phone contacts and the head of communications where I work (who is also a ham) and he said it sounded like a blown final. I am making plenty of PSK31 contacts at 20 watts, but there the incoming signal fades and I lose the connection.

Pardon the baby question, but am I correct that a blown final would only affect the outgoing signal and that reception issues would be something else?

Gordon
K2GLW

--- In FT897@yahoogroups.com, eric@... wrote:
>
> Hi Gordon,
>
> The only way to know if you have a final problem is to put a reliable power
> meter & dummy load on the output and measure it. Anything else is guessing.
>
> The fact that the receive also seems to be dropping off may mean that it
> is just conditions or there may be something else wrong such as antenna changeover
> in the rig. It may also be a problem with your antenna system, too.
>
> Not every problem with a transceiver is a blown final and if you are getting
> some power out, then it is probably not the final.
>
> 73....Eric VK2VE.
>
> >-- Original Message --
> >To: FT897@yahoogroups.com
> >From: "willgord" <willgord@...>
> >Date: Wed, 23 Dec 2009 00:29:52 -0000
> >Subject: [FT897] What are the symtoms of a blown final?
> >Reply-To: FT897@yahoogroups.com
> >
> >
> >Have used my 897D for about a year now. In the past few weeks, I find myself
> >no longer getting noted in pile-ups and find it hard to hear stations the
> >way I used to.
> >
> >Have been running PSK31 a lot lately, at 20 watts on 20 meters. Stations
> >hear me and respond, but their signal fades after a brief exchange.
> >
> >Finally, the meter reading for power seldom goes more than midway across
> >the scale.
> >
> >Described all these symptons--especially what looks like a low power reading--to

> >a veteran ham who laughed and said, "you've got a blown final." Another
> ham
> >said what did I expect to happen when I ran a 100% duty cycle mode like
> PSK31--even
> >at 20 watts.
> >
> >So, does it sound like a blown final--or just bad band conditions that make
> >it harder to make and complete contacts. I am a fairly new and can use all
> >the help and advice I can get.
> >
> >Gordon
> >K2GLW
> >
> >
> >
> >------------------------------------
> >
> >Yahoo! Groups Links
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> >
>

28625. RE: [FT897] Re: What are the symptoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-23 16:53:58 UTC
From: D. F.
Topic: 28622 Message: 28625

Yes. Normally only the outgoing signal is affected. No audio output is what would be experienced, maybe high SWR as well. The radio will key up but your meter would show no power behind it. Does your head of communication do PSK? The receive portion of the radio is a separate circuit from the finals, therefore, it sounds to me like fading band conditions.

If you are now having problems with receive as well, you need to check the antenna system from the radio to the antenna and see if there is something loose, cracked, broken or missing (or chewed on - squirrels used to love eating my coax).

Good luck!

Dennis - N8BMB

-----Original Message-----
From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of willgord
Sent: Wednesday, December 23, 2009 05:12
To: FT897@yahoogroups.com
Subject: [FT897] Re: What are the symtoms of a blown final?

i had not thought of a blown final nor even knew what one was. But I was describing my failure to make many phone contacts and the head of communications where I work (who is also a ham) and he said it sounded like a blown final. I am making plenty of PSK31 contacts at 20 watts, but there the incoming signal fades and I lose the connection.

Pardon the baby question, but am I correct that a blown final would only affect the outgoing signal and that reception issues would be something else?

Gordon
K2GLW

--- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, eric@... wrote:
>
> Hi Gordon,
>
> The only way to know if you have a final problem is to put a reliable power
> meter & dummy load on the output and measure it. Anything else is guessing.
>
> The fact that the receive also seems to be dropping off may mean that

it
> is just conditions or there may be something else wrong such as
antenna changeover
> in the rig. It may also be a problem with your antenna system, too.
>
> Not every problem with a transceiver is a blown final and if you are
getting
> some power out, then it is probably not the final.
>
> 73....Eric VK2VE.
>
> >-- Original Message --
> >To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> >From: "willgord" <willgord@...>
> >Date: Wed, 23 Dec 2009 00:29:52 -0000
> >Subject: [FT897] What are the symtoms of a blown final?
> >Reply-To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> >
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> >Have been running PSK31 a lot lately, at 20 watts on 20 meters.
Stations
> >hear me and respond, but their signal fades after a brief exchange.
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> >Finally, the meter reading for power seldom goes more than midway
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> >the scale.
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> >Described all these symptons--especially what looks like a low power
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> >at 20 watts.
> >
> >So, does it sound like a blown final--or just bad band conditions
that make
> >it harder to make and complete contacts. I am a fairly new and can
use all
> >the help and advice I can get.
> >
> >Gordon

> >K2GLW
> >
> >
> >
> >------------------------------------
> >
> >Yahoo! Groups Links
> >
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> >
>

[Non-text portions of this message have been removed]

28626. Re: What are the symptoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-24 01:36:12 UTC
From: willgord
Topic: 28622 Message: 28626

Obviously not a blown final. I was advised to switch to FM mode and key the mic and see how the power meter responded. Pushed PTT and the power level simply pinned itself--indicating power going out.

Antenna could be a problem. Being in a New York City apartment, I considered all possibilities and settled for a Super Antenna inside the apartment with a quarter-wave counterpoise cut for 20 meters dangling out the window and down the side of the building.

Any squirrel that wanted a crack at that would have to scamper across a vertical wall, roughly 120 feet off the ground.

Probably band conditions but seemingly not a blown final.

Well I chose to become a ham late in life because I wanted a hobby for my senior years that would keep posing endless challenges. Ham certainly fits the bill.

Thanks for taking the time to respond and comment. 73 and the best of holiday wishes.

Gordon
K2GLW

--- In FT897@yahoogroups.com, "D. F." <n8bmb1@...> wrote:
>
> Yes. Normally only the outgoing signal is affected. No audio output is
> what would be experienced, maybe high SWR as well. The radio will key
> up but your meter would show no power behind it. Does your head of
> communication do PSK? The receive portion of the radio is a separate
> circuit from the finals, therefore, it sounds to me like fading band
> conditions.
>
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> the antenna system from the radio to the antenna and see if there is
> something loose, cracked, broken or missing (or chewed on - squirrels
> used to love eating my coax).
>
> Good luck!
>
> Dennis - N8BMB
>
> -----Original Message-----
> From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of
> willgord
> Sent: Wednesday, December 23, 2009 05:12
> To: FT897@yahoogroups.com
> Subject: [FT897] Re: What are the symtoms of a blown final?
>
>

> i had not thought of a blown final nor even knew what one was. But I was
> describing my failure to make many phone contacts and the head of
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> Gordon
> K2GLW
>
> --- In FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com, eric@
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> getting
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> > 73....Eric VK2VE.
> >
> > >-- Original Message --
> > >To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > >From: "willgord" <willgord@>
> > >Date: Wed, 23 Dec 2009 00:29:52 -0000
> > >Subject: [FT897] What are the symtoms of a blown final?
> > >Reply-To: FT897@yahoogroups. <mailto:FT897%40yahoogroups.com> com
> > >
> > >
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> > >Finally, the meter reading for power seldom goes more than midway
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> > >Described all these symptons--especially what looks like a low power
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> > >a veteran ham who laughed and said, "you've got a blown final."
> Another
> > ham
> > >said what did I expect to happen when I ran a 100% duty cycle mode
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> > PSK31--even
> > >at 20 watts.
> > >
> > >So, does it sound like a blown final--or just bad band conditions
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> > >it harder to make and complete contacts. I am a fairly new and can
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> > >the help and advice I can get.
> > >
> > >Gordon
> > >K2GLW
> > >
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> > >
> > >Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>

28627. meter

Yahoo group: FT897 (2009)
Date: 2009-12-24 14:16:59 UTC
From: nr3r15
Topic: 28627 Message: 28627

Anyone have the problem of the SWR/PWR/MOD/ MTR indicator not working on transmit or tunning up ? I have two 897's. I set both to exact settings. One works fine the other one doesn't show Meter indicator. This happens on FM/AM and HF modes. I interchanged mics, and antenna with both radios, still nothing. I hate to do a CPU reset due to lots of saved information, so I thought I would ask first. CPU reset as last resort.
Thanks 73
Larry / nr3r

28628. Sold my 897 - bye and thanks

Yahoo group: FT897 (2009)
Date: 2009-12-22 17:52:41 UTC
From: Darren
Topic: 28628 Message: 28628

Guys

I have downsized my shack and unfortunately the 897 was one of the things to go.

So, I'm off but just wanted to say thanks for all the words of wisdom and advice that makes this a good place for 897 owners to hang out.

Darren M0PRV

28629. Re: FT 897D - Cables

Yahoo group: FT897 (2009)
Date: 2009-12-25 00:48:14 UTC
From: michaelterwin
Topic: 28415 Message: 28629

I homebrew'd my data cable for my FT897D using a 6 ft PS2 keyboard extension cable and I used a 20dB pad for the audio to go into my MacBook.

PSK31 & RTTY are working like a champ via DigiPan with VMware under WinXP and natively with Fldigi on Mac OS X 10.6

I haven't attempted the CAT cable yet.

--- In FT897@yahoogroups.com, MM Ali <prof.tele@...> wrote:
>
> Dears,
>
> Appreciate any help on obtaining cables for CAT & DATA for FT 897. Commercial or Home brew.
>
>
>
>
> Best Regards
>
>
>
> MM Ali/vu2ali
>
>
>
> _____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>
>
>
> [Non-text portions of this message have been removed]
>

28630. Merry Christmas to All

Yahoo group: FT897 (2009)
Date: 2009-12-25 07:49:31 UTC
From: RicardoH
Topic: 28630 Message: 28630

All,

I'm a newbie here but folks have been friendly and quite accommodating. I'd like to take this opportunity to wish all a Merry Christmas!!!

Ric
KJ6DOY

28631. Re: [FT897] Merry Christmas to All

Yahoo group: FT897 (2009)
Date: 2009-12-25 11:21:26 UTC
From: DavidN
Topic: 28630 Message: 28631

Merry Christmas to you too and one and all! And many of them! Enjoy!

David, G4TUP

On Fri, Dec 25, 2009 at 7:49 AM, RicardoH <huang_wan@...> wrote:

>
>
>
>
>
All,

I'm a newbie here but folks have been friendly and quite accommodating. I'd
like to take this opportunity to wish all a Merry Christmas!!!

Ric
KJ6DOY

[Non-text portions of this message have been removed]

28632. Comparing 897D with FT-450

Yahoo group: FT897 (2009)
Date: 2009-12-25 16:25:05 UTC
From: willgord
Topic: 28632 Message: 28632

I am a generally satisfied user of an 897. I have worked 60 countries and 41 states, despite having to run a screwdriver antenna inside a New York City apartment building.

But I have had access to a Yaesu F-450 and am tempted to add one to my shack, so that I play with both.

One point is that I bought the 897D because my fallback, if I couldnt' make contacts with my indoor antenna, I could operate by battery in Central Park, a block away. Reality is I have made many contacts from the apartment and going battery would be running 20 watts at ground level against 100 watts from 120 feet up (the approximate height of my 14th floor apartment.

Curious to hear what anyone has to say about the 450, pro or con, and any comparisons you might make about the 450 vs. the 897.

Merry Christmas to one and all

Gordon
K2GLW

28633. Re: Comparing 897D with FT-450

Yahoo group: FT897 (2009)
Date: 2009-12-25 16:56:09 UTC
From: nr3r15
Topic: 28632 Message: 28633

My opinion is they are pretty much the same radio, just different package, but I guess you know that the 450 does not have VHF/UHF. To me that is the only difference.

Larry / nr3r

28634. CAT over MIKE connector ?

Yahoo group: FT897 (2009)
Date: 2009-12-25 17:40:23 UTC
From: Leo
Topic: 28415 Message: 28634

73!
Anyone tried CAT over the MIKE conector ? (RJ)
I tried twice, it doesnt works, even caused some serious problems.
(reset of the RIG, blocked functions,...)so I did not experimented
more.
Regards , MXMAS and HNY 2010 ! Leo S50R

28635. Re: CAT over MIKE connector ?

Yahoo group: FT897 (2009)
Date: 2009-12-26 13:05:02 UTC
From: iz0inx
Topic: 28415 Message: 28635

Hi Leo,

yes, I tried and it worked fine.
Did you remember to set CAT on the menu 59?

Take a look here, you can find some additional info (English version downloadable from the top right link)
http://www.iz0inx.it/autocostruzione/MicCat.htm

Merry-X-mas and HNY!!!
73, Fil IZ0INX

--- In FT897@yahoogroups.com, "Leo" <Leo.Xhoko@...> wrote:
>
> 73!
> Anyone tried CAT over the MIKE conector ? (RJ)
> I tried twice, it doesnt works, even caused some serious problems.
> (reset of the RIG, blocked functions,...)so I did not experimented
> more.
> Regards , MXMAS and HNY 2010 ! Leo S50R
>

28636. Scanning using H-R-D how to make it stop ??

Yahoo group: FT897 (2009)
Date: 2009-12-26 16:03:18 UTC
From: graham787
Topic: 28636 Message: 28636

Is there a way of making the scan facility in HRD work ? scans ok, but wont stop on a station ..looks like the minimum scan time is too fast to allow the agc level to be registerd by the prog .. the data link is via usb cable port speed set to max ??

tnx - G..

28637. No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-26 22:42:48 UTC
From: wb2pjh
Topic: 28637 Message: 28637

My S- meter display doesn't register any more on receive. I checked Menu item 60 (and it's still set to SIG, and it works fine on all the transmit functions.

If I turn down the RF gain the display moves up just like it is supposed to do. The rig works perfectly in all other respects.

Any ideas would be welcome.

--Dave WB2PJH

28638. Re: No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-26 23:02:28 UTC
From: NM7L
Topic: 28637 Message: 28638

Dave,

I had a similar problem with the S-meter display on my FT-857D (functionally equivalent to FT-897) in that my S-meter would either read S0 (in absence of signal) or S9++(in presence of signal). I was able to clear that malfunction by running the "relay cleaning" routine on the rig. To perform this routine depress the BAND "DWN" & "UP" buttons while turning the rig on. Run this routine a few times to ensure relays are clean. Before you do perform this routine I will advise you to make note of any special settings you might have set as well as any special settings on any memory channels as the rig "may" perform a reset (as my FT-857D did subsequent to clearing the malfunction).

Mark (NM7L)

28639. No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-26 23:06:13 UTC
From: dogdavetika
Topic: 28637 Message: 28639

Make sure your AGC is turned on. Menu L item B.

Dave
N3DT

28640. Re:Comparing 897D with FT-450

Yahoo group: FT897 (2009)
Date: 2009-12-27 04:45:23 UTC
From: Edouard Bruchac
Topic: 28632 Message: 28640

I've owned both radios and the FT450 has an advantage over a stock FT897D in that it has digital IF filltering which you can tailor to suit your requirements.
It also has a larger more informative display and is priced about $150-$200(USD) less than the FT897D.

That being said,I was able to buy an FT897D with the LDG897 tuner and a couple of battery packs and quick charger for portable as well as base use and subsequently sold the FT 450.Purely because I like to operate portable PSK31 and the FT897D really shines at 20W on the digital modes.

72/73
Edouard N4ZUM

28641. Re:Comparing 897D with FT-450

Yahoo group: FT897 (2009)
Date: 2009-12-27 13:30:25 UTC
From: rschaffrath
Topic: 28632 Message: 28641

--- In FT897@yahoogroups.com, Edouard Bruchac <edn4zum@...> wrote:
>
> I've owned both radios and the FT450 has an advantage over a stock
> FT897D in that it has digital IF filltering which you can tailor to suit
> your requirements.
> It also has a larger more informative display and is priced about
> $150-$200(USD) less than the FT897D.

That's kind of funny because when the FT-450 first came out, it was more expensive than the FT-897D. I had purchased my FT-897D before the FT-450 came out so I was a bit surprised at the higher price, especially because it did not include 144 and 440 MHz. Still I am impressed with the overhauled CAT protocol on the FT-450 and the DSP on the IF.

Robert, N2JTX

28642. I hope its not too late but...

Yahoo group: FT897 (2009)
Date: 2009-12-27 14:25:04 UTC
From: kerryguy7
Topic: 28642 Message: 28642

I apologize for saying this so late but I certainly want to wish everyone here as well as their families and loved ones a very Merry Christmas as well as my wishes for a happy and healthy New Year to come!
'73!!
Tom KC8TBY

28643. RE: No S Meter Reading

Yahoo group: FT897 (2009)
Date: 2009-12-27 16:40:04 UTC
From: David Mitchell
Topic: 28643 Message: 28643

Thanks Dave,

For some reason, I did have the AGC turned off. The S meter works fine now, other than the bands are dead and it's hard to find a signal loud enough to move it. <g>.

Muchos gracias,

--Dave WB2PJH

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

[Non-text portions of this message have been removed]

28644. Re: I hope its not too late but...

Yahoo group: FT897 (2009)
Date: 2009-12-27 17:17:06 UTC
From: rschaffrath
Topic: 28642 Message: 28644

If you are Eastern Orthodox then Christmas is still a few days away! ;D

Robert N2JTX

--- In FT897@yahoogroups.com, "kerryguy7" <kerryguy7@...> wrote:
>
> I apologize for saying this so late but I certainly want to wish everyone here as well as their families and loved ones a very Merry Christmas as well as my wishes for a happy and healthy New Year to come!
> '73!!
> Tom KC8TBY
>

28645. CAT over MIKE connector ?

Yahoo group: FT897 (2009)
Date: 2009-12-25 19:31:42 UTC
From: Sebastian Hess
Topic: 28415 Message: 28645

I did it, works fine.

Did you select CAT in menue 59?

Sebastian

[Non-text portions of this message have been removed]

28646. Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-27 13:27:58 UTC
From: Blaine
Topic: 28646 Message: 28646

Good morning! I am new to the group, in fact new to ham radio operation, so bear with me . . .

I decided to get into radio because I own two ranches separated by some distance, and need a means of emergency communication. Power outtages lasting hours to weeks are a reality in this area, and I need something to fall back on when computers, landlines and cell towers lose power.

I did quite a bit of reading and online research, and settled on the Yaesu Ft-897 with the FNB-78 batteries. But given the limited operating time on batteries, and my need to communicate when I'm out on my Honda Fourtrax, I know I've got to come up with some kind of alternative charging system when I'm out moving cattle, or headquarters loses power.

Okay, I'll cut to the chase...here are my specific questions:

How do I know what wattage solar panel to buy to charge the FNB-78s? The radio evidently needs to operate at 13.8 volts, so I'm guessing the solar panel voltage needs to at least exceed that.

Do I need to match the amperage output of the panels with the amperage draw of the FT-897 in operation? Where do I find this information?

What kind of solar charge controller do I need to keep from overcharging the Yaesu batteries? Specific makes and models would be helpful.

I've seen several solar cell flexible sheets that can be rolled up for transport. This would be really great! Any recommendations on makes and models for both rollable and rigid solar panels?

And my last question...is anyone familiar with the new technology A123 lithium nanophosphate batteries? I read about them in an online article, and they sound promising. Where can you buy these?

Anyway, that's it for now. I've searched forum posts for solar, and come up with some interesting discussions, but still had the specific questions I could not find an answer to.

BTW, this is an awesome forum! But I could also use some direction to resources on learning ham radio operation. Something along the line of "Ham Radio For Dummies". Thanks!
-Blaine

28647. Re: FT 897D - Cables

Yahoo group: FT897 (2009)
Date: 2009-12-25 16:23:08 UTC
From: michaelterwin
Topic: 28415 Message: 28647

I homebrew'd my data cable for my FT897D using a 6 ft PS2 keyboard extension cable and I used a 20dB pad for the audio to go into my MacBook.

PSK31 & RTTY are working like a champ via DigiPan with VMware under WinXP and natively with Fldigi on Mac OS X 10.6

I haven't attempted the CAT cable yet.

-Michael, KD8MRU

--- In FT897@yahoogroups.com, MM Ali <prof.tele@...> wrote:
>
> Dears,
>
> Appreciate any help on obtaining cables for CAT & DATA for FT 897. Commercial or Home brew.
>
>
>
>
> Best Regards
>
>
>
> MM Ali/vu2ali
>
>
>
> _____ Information from ESET NOD32 Antivirus, version of virus signature database 4644 (20091128) _____
>
> The message was checked by ESET NOD32 Antivirus.
>
> http://www.eset.com
>
>
>
> [Non-text portions of this message have been removed]
>

28648. Re: FT 897D - Cables

Yahoo group: FT897 (2009)
Date: 2009-12-25 10:29:17 UTC
From: suresh
Topic: 28415 Message: 28648

Dear Ali,
I have purchaged CAT cable from
http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=250538315074 .

have a look at these sites also:
http://www.radioshop888.com/radioshop_shopcat.php?&usercat=1661&parentid=1661

www.409shop.com

Mine is working fine with HRD.
Suresh- J04CSA.

28649. noise level in new FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-25 22:00:47 UTC
From: wa3pak
Topic: 28649 Message: 28649

I just received a new FT-897D and am quite impressed with it. I have however noticed that it has a higher noise level than my regular station rig, an Icom IC-718. In a side by side comparison today on 20 meters, there is quite a difference in noise and ability to copy the same station between these two rigs with the Icom being the better receiver.

I love my new rig, but am concerned that the reciever has a higher noise level than I expected. I am sure this has been noted by others.
For those of you more experienced with this transceiver, have you found any tricks or hints that may eliminate or at least reduce the noise level?

I have tried the DSP, but upon engaging that, the noise level drops, but so does the intelligibilty of the signal. It seems to help if I reduce the RF gain a bit. Any other suggestions from the experts to a brand new owner of this incredible little rig?

Many thanks in advance for your insights.

73,
Brad
WA3PAK

28650. Re: [FT897] Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 02:15:02 UTC
From: Trixter aka Bret McDanel
Topic: 28646 Message: 28650

On Sun, 2009-12-27 at 13:27 +0000, Blaine wrote:
>
> I did quite a bit of reading and online research, and settled on the
> Yaesu Ft-897 with the FNB-78 batteries. But given the limited
> operating time on batteries, and my need to communicate when I'm out
> on my Honda Fourtrax, I know I've got to come up with some kind of
> alternative charging system when I'm out moving cattle, or
> headquarters loses power.
>

just be careful that you do not do commercial traffic :)

> How do I know what wattage solar panel to buy to charge the FNB-78s?
> The radio evidently needs to operate at 13.8 volts, so I'm guessing
> the solar panel voltage needs to at least exceed that.
>

charging batteries and running the radio are two different issues. The batteries will run the radio, but only one of them at a time. This means that you can charge one while using the other. Manuals and other items suggest strongly that you not charge a battery you are using.

With a solar panel be sure that you have a blocking diode so that you dont feed power back into the panel.

As for what wattage you need, that depends on a few variables. Presumably you are going to have some type of charging unit that will sense when the battery is charged and discontinue power (or most of it, falling back to a trickle charge). Batteries prefer to be slow charged, this increases their life but decreases operational pleasure. You end up waiting to be able to operate.

According to Yaesu those batteries will run the unit for 8 hours (4 hours each) with 95% of the time idle, 2.5% receiving and 2.5% transmitting, or something very close to that. Additionally you will not want the battery to go completely dead, usually at about 10.5v the radio has problems operating off the battery.

If you look at the w4rt ofc (one fast charger) it wants an input of 26-28vdc and nominally it will want a bit over 1 amp input. Extra amperage will not harm anything, the charger will use only what it needs. Generally if you do not supply enough it will just charge at a slower rate. This charger is designed to fully charge the battery in 4 hours, or the life span of the other battery. This can end up causing you to "cut it close" when it comes to trying to use it at night, assuming you are using all the usable life out of those batteries each day. The OFC can also be used with an inverter or wall current for AC

charge when that is available. For more info see http://www.w4rt.com, Yaesu's charger is similar in function although I believe it takes slightly longer to charge and I believe it is AC only.

> What kind of solar charge controller do I need to keep from
> overcharging the Yaesu batteries? Specific makes and models would be
> helpful.
>

I would rely on the more flexible OFC which takes both AC and DC than a solar charge controller. The biggest thing is to get one that will detect that the batteries are full and dump the current, usually into a dummy load integrated into the unit. Most of them do this to some degree (I have not seen a proper controller that does not, but I leave the option for them to exist).

> I've seen several solar cell flexible sheets that can be rolled up for
> transport. This would be really great! Any recommendations on makes
> and models for both rollable and rigid solar panels?
>

You will want to check the surface area required, amount of sunlight required, and power output. Generally speaking the flexible ones provide less power per square [meter|foot|inch|etc] although there are some newer advances in the materials being used that is starting to level this out a bit.

> And my last question...is anyone familiar with the new technology A123
> lithium nanophosphate batteries? I read about them in an online
> article, and they sound promising. Where can you buy these?
>

afaik there are a few places that sell them, I have not seen anything yet that will fit inside the radio that can be fitted with the connectors. Right now it seems the manufacturers are looking towards high volume production runs only and are less than interested in making anything custom without requiring a substantial outlay of cash (at least the ones I have contacted specifically about making drop in replacements for the 897).

> BTW, this is an awesome forum! But I could also use some direction to
> resources on learning ham radio operation. Something along the line of
> "Ham Radio For Dummies". Thanks!
> -Blaine
>
Depending on what you specifically want, I would suggest hitting up some local repeaters and seeing who is on and talking to them. Ham radio is a very large subject and it pays to specialize a bit in the things that interest you and not pay that close of attention to the things that do not. For example if you are interested in digital modes it pays to specialize in that, if you are interested in SSTV to that, but if you do not care about either, you can safely ignore them :)

I would recommend learning how the radio works, what makes a radio wave propagate, learning at least generically about antennas, ground wave vs skywave propagation, what makes an antenna NVIS as opposed to DX. There are many books out there, virtually every ham radio store has a selection of books that can assist you in finding the subjects that interest you. With radio, no matter how much you know, there is always something else to learn.

kc2dwq
>
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28651. Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-28 02:24:09 UTC
From: jdkopke
Topic: 28651 Message: 28651

I recently upgraded to Win 7 X64 and discovered there are no 64 bit drivers for the USB to SERIAL cable I use for my CAT cable. I've tried suggestions such as disabling driver signing and even attempted to install on the Virtual Machine / XP Mode. No joy. Any ideas?

Dave [K0PKE]

28652. Re: No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 03:24:11 UTC
From: Risk
Topic: 28637 Message: 28652

Hi guys I have a similar issue, and I am not sure if I need to take the set back to the place where I bought it or not to have it recalibrated.

Its only 3 months old so I am guessing either the SMeter needs calibrating or something or there is an issue with it.

Basically the S meter doesnt read much past S7-S8 when having the gain full on. Obviously it is reading the AGC voltage and turning back the gain will keep it steady. In my case if I rotate the gain dial counter clockwise, the S reading increases gradually as the noise in the back ground disappears. The reading on the S meter in this case will read usually up and over S9 etc. But it stays there and doesnt change. So rotating the dial fully clockwise to have gain set at its highest gives me the noise in the background of course, and the S meter reading is usually around S6-S7 depending on which antenna I have selected and the tuning applied.

Ok, so now here is the question, does this set increment its S meter value in 6 or 3 db increments. I can understand that the S-meter is showing what it does, if its increments are 6db. But if it is 3db per increment, I think I need to do something here. Now I tried the Relay Cleaning thing. Im not sure its made a difference, there is no one on the net today and conditions are crappy so I will wait and see.

The next question is, AGC is on Auto. What difference will changing from Auto to Fast or Slow make to the S meter reading. I cant see it will solve my problem but Im giving it a go now and am currently still waiting for someone to come on with a large enough signal to evaluate.

Also I dont know if any of you guys have experienced it or not, but sometimes I get a beeping when I transmit (I know this is off topic but seeing as I am here now one of you guys might know) now the set is tuned, and the sets SWR meter doesnt really register anything which is comparative to the low VSWR reading on the MFJ949E I have. So I am not overly sure its a VSWR issue. But it beeps, and turns the running man on. This doesnt happen all the time, just every so often, and is consistant usually for that frequency when it happens.

Ive tried re-tuning and sometimes it still does it, sometimes it doesnt. It often occurs more so when I have the mic closer to my mouth, obviously that is going to place more voltage on the system to be applied to the rf amp, anyways, maybe someone has had a similar issue.

Cheers

Jason
VK2WAR

--- In FT897@yahoogroups.com, "dogdavetika" <dogdavetika@...> wrote:
>
> Make sure your AGC is turned on. Menu L item B.

>
> Dave
> N3DT
>

28653. Transverter use

Yahoo group: FT897 (2009)
Date: 2009-12-28 03:47:59 UTC
From: Paul
Topic: 28653 Message: 28653

Has any body here tried a 222 MHZ transverter with the 897D.

Paul KB2VEC

28654. Re: Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 05:26:28 UTC
From: kc9ipv
Topic: 28646 Message: 28654

> Yaesu's charger is similar in function although I believe it takes
> slightly longer to charge and I believe it is AC only.
>

The yaesu charger is DC only. It has the same connector as the power connector on the 897. There is also a round wall wart type connector for a 24vdc input for the OEM wall wart.

You can connect a solar panel to the 12vdc input but you need somewhere near 2.5 amps.

I use a 26 watt folding solar panel and have quit using the internal batteries and switched to using an external SLA battery with the solar panel and it works great.

The OEM charger also makes enough noise on 17 meters to make it useless while charging. I was able to reduce the amount of noise to an acceptable level by adding capacitors to the filtering circuit.

28655. Re: No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 10:16:33 UTC
From: g8hul
Topic: 28637 Message: 28655

>
> Basically the S meter doesnt read much past S7-S8 when having the gain full on.

That does not seem correct, but check what happens iwhen you turn the pe-amp and attenuator, on and off. You should get 9++ readings with very strong signals, if your antenna is half decent.

>Obviously it is reading the AGC voltage and turning back the gain will keep it steady. In my case if I rotate the gain dial counter clockwise, the S reading increases gradually as the noise in the back ground disappears. The reading on the S meter in this case will read usually up and over S9 etc. But it stays there and doesnt change.

That is normal operation.

> So rotating the dial fully clockwise to have gain set at its highest gives me the noise in the background of course, and the S meter reading is usually around S6-S7 depending on which antenna I have selected and the tuning applied.
>

Sounds normal, depending on your local external noise floor.

> Ok, so now here is the question, does this set increment its S meter value in 6 or 3 db increments. I can understand that the S-meter is showing what it does, if its increments are 6db. But if it is 3db per increment,

The answer is, along with most radios, neither. I have never seen an S meter that gets close to obeying either of those laws and the 897 is no different. The meter is quite non linear, and does seem to vary from unit to unit.

>I think I need to do something here. Now I tried the Relay Cleaning thing. Im not sure its made a difference, there is no one on the net today and conditions are crappy so I will wait and see.
>
> The next question is, AGC is on Auto. What difference will changing from Auto to Fast or Slow make to the S meter reading. I cant see it will solve my problem but Im giving it a go now and am currently still waiting for someone to come on with a large enough signal to evaluate.

All it will do is make the meter, and the AGC respond faster or slower, in fast it will not hold its level during speech so it may appear to read a little lower when in slow or auto on ssb.

>
> Also I dont know if any of you guys have experienced it or not, but sometimes I get a beeping when I transmit (I know this is off topic but seeing as I am here now one of you guys might know) now the set is tuned, and the sets SWR meter doesnt really register anything which is comparative to the low VSWR reading on the MFJ949E I have. So I am not

overly sure its a VSWR issue. But it beeps, and turns the running man on. This doesnt happen all the time, just every so often, and is consistant usually for that frequency when it happens.
>

That is not normal, I suspect that you might have a lot of rf in the shack. I would have a look at your earthing.

73
Jeff
G8HUL

28656. RE: FT-897D Cables

Yahoo group: FT897 (2009)
Date: 2009-12-28 12:14:18 UTC
From: Richard Head, KDØGDV
Topic: 28656 Message: 28656

Check out Valley Enterprises either directly or via their eBay site.

http://valley-ent.com/catalog/

http://stores.ebay.com/Valley-Enterprises?_rdc=1

73s
 Richard
KDØGDV

[Non-text portions of this message have been removed]

28657. Re: [FT897] Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 15:29:15 UTC
From: Danny Loyd
Topic: 28646 Message: 28657

Blaine,

The answer to your last statement is easy to give, there is a book called Ham Radio for Dummies and it is great reading.
It will help you learn a lot of basics about Amateur Radio including the basic on antennas. I believe there is some info about
solar power in there also.

You should enjoy it. It is available at almost all bookstores and on Amazon.com.

Danny
KE5WDI

From: Blaine <igoguy@...>
To: FT897@yahoogroups.com
Sent: Sun, December 27, 2009 7:27:58 AM
Subject: [FT897] Solar charging FNB-78 batteries for an FT-897D

Good morning! I am new to the group, in fact new to ham radio operation, so bear with me . . .

I decided to get into radio because I own two ranches separated by some distance, and need a means of emergency communication. Power outtages lasting hours to weeks are a reality in this area, and I need something to fall back on when computers, landlines and cell towers lose power.

I did quite a bit of reading and online research, and settled on the Yaesu Ft-897 with the FNB-78 batteries. But given the limited operating time on batteries, and my need to communicate when I'm out on my Honda Fourtrax, I know I've got to come up with some kind of alternative charging system when I'm out moving cattle, or headquarters loses power.

Okay, I'll cut to the chase...here are my specific questions:

How do I know what wattage solar panel to buy to charge the FNB-78s? The radio evidently needs to operate at 13.8 volts, so I'm guessing the solar panel voltage needs to at least exceed that.

Do I need to match the amperage output of the panels with the amperage draw of the FT-897 in operation? Where do I find this information?

What kind of solar charge controller do I need to keep from overcharging the Yaesu batteries? Specific makes and models would be helpful.

I've seen several solar cell flexible sheets that can be rolled up for transport. This would be really great! Any recommendations on makes and models for both rollable and rigid solar panels?

And my last question...is anyone familiar with the new technology A123 lithium nanophosphate batteries? I read about them in an online article, and they sound promising. Where can you buy these?

Anyway, that's it for now. I've searched forum posts for solar, and come up with some interesting discussions, but still had the specific questions I could not find an answer to.

BTW, this is an awesome forum! But I could also use some direction to resources on learning ham radio operation. Something along the line of "Ham Radio For Dummies". Thanks!
-Blaine

[Non-text portions of this message have been removed]

28658. Low power output on 160m?

Yahoo group: FT897 (2009)
Date: 2009-12-28 18:37:15 UTC
From: Jeremy - KD4LCR
Topic: 28658 Message: 28658

Anyone else ever had a problem with low power output on 160m? During the Stew Perry I noticed that I am only putting out ~55watts on 160m (as noted on the SWR/RF meter) All other bands are great.. Any suggestions or comments on this one? Rig is an FT897D

Jeremy

N4JIK formerly KD4LCR/7J6CEM

Fort Sill, OK

Triple Play Award #327

[Non-text portions of this message have been removed]

28659. [FT897] Low power output on 160m?

Yahoo group: FT897 (2009)
Date: 2009-12-28 18:58:19 UTC
From: Nelson Stewart P
Topic: 28658 Message: 28659

What is your antenna tuned for? If you are using an antenna tuned for 75 or 40 that is what is going to happen if you are using 160.

[Non-text portions of this message have been removed]

28660. Re: [FT897] Low power output on 160m?

Yahoo group: FT897 (2009)
Date: 2009-12-28 19:08:52 UTC
From: Paul Harris
Topic: 28658 Message: 28660

Check menu #75 to see if you are set to 75 watts. As you switch from band to bnd you have to set it for each band at least once.

Paul KB2VEC

[Non-text portions of this message have been removed]

28661. Re: [FT897] Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 19:19:53 UTC
From: Dean Gibson AE7Q
Topic: 28646 Message: 28661

Sounds good! For the emergency purposes you state, the regular batteries should do just fine. If you need more capacity, just be sure that you don't use the radio in the course of your farming business ... you can use it to communicate w/ your family for non-business purposes, but not with co-workers for business purposes.

Amateur radio has a huge amount of spectrum space that other (business) services would like to use, and the best way we can keep that from happening is to adhere to the rules, and not give those that want to use the spectrum, a cause for complaint.

-- Dean

> _____
> From: Blaine <igoguy@...>
> To: FT897@yahoogroups.com
> Sent: Sun, December 27, 2009 7:27:58 AM
> Subject: [FT897] Solar charging FNB-78 batteries for an FT-897D
>
>
> Good morning! I am new to the group, in fact new to ham radio operation, so bear with me . . .
>
> I decided to get into radio because I own two ranches separated by some distance, and need a means of emergency communication. Power outtages lasting hours to weeks are a reality in this area, and I need something to fall back on when computers, landlines and cell towers lose power.
>
> I did quite a bit of reading and online research, and settled on the Yaesu Ft-897 with the FNB-78 batteries. But given the limited operating time on batteries, and my need to communicate when I'm out on my Honda Fourtrax, I know I've got to come up with some kind of alternative charging system when I'm out moving cattle, or headquarters loses power.
>
> ...
> -Blaine
>

28662. Re: CAT over MIKE connector ?

Yahoo group: FT897 (2009)
Date: 2009-12-28 20:49:46 UTC
From: Leo
Topic: 28415 Message: 28662

73!
Yes I did, but as I said it did not work. I got an answer from a 9A and he published in QST and in 9A Magazine an Intreface with some other functions... I'll try that one !

Regards and HNY Leo S50R

--- In FT897@yahoogroups.com, "Sebastian Hess" <shess@...> wrote:
>
> I did it, works fine.
>
> Did you select CAT in menue 59?
>
>
>
>
>
>
>
>
>
>
> Sebastian
>
>
>
> [Non-text portions of this message have been removed]
>

28663. RE: [FT897] Low power output on 160m?

Yahoo group: FT897 (2009)
Date: 2009-12-28 22:52:07 UTC
From: Jeremy - KD4LCR
Topic: 28658 Message: 28663

The antenna is a B&W 160m Trap Dipole... SWR is 'Flat' when I am keying so shouldn't effect it..

Jeremy

N4JIK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Nelson Stewart P
Sent: Monday, December 28, 2009 12:58
To: FT897@yahoogroups.com; FT897@yahoogroups.com
Subject: [FT897] Low power output on 160m?

What is your antenna tuned for? If you are using an antenna tuned for 75 or 40 that is what is going to happen if you are using 160.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28664. RE: [FT897] Low power output on 160m?

Yahoo group: FT897 (2009)
Date: 2009-12-28 22:52:33 UTC
From: Jeremy - KD4LCR
Topic: 28658 Message: 28664

Paul,

Nope it was set for 100 watts on 160m I checked that to make sure..

Jeremy

N4JIK

From: FT897@yahoogroups.com [mailto:FT897@yahoogroups.com] On Behalf Of Paul Harris
Sent: Monday, December 28, 2009 13:09
To: FT897@yahoogroups.com
Subject: Re: [FT897] Low power output on 160m?

Check menu #75 to see if you are set to 75 watts. As you switch from band to bnd you have to set it for each band at least once.
Paul KB2VEC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28665. Re: [FT897] noise level in new FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 23:13:44 UTC
From: Minto Witteveen
Topic: 28649 Message: 28665

I too find the 897 relatively noisy. I bought this rig after a large period of non-activity. When I compared the 897 receiver with my old Kenwood TS130 the difference frankly astounded me. The 897 sometimes sounds like the whole neighborhood has converted to large plasma TV's and el-cheapo Chinese dimmers.. L .. and when I check with the TS130 they all seem to be gone!!!.

Don't get me wrong, I have never regretted buying the 897, it is a fine piece of hardware. But with all its features - all mode HF, VHF, UHF, compact/portable and low priced, it IS a compromise rig.

As for mitigating measures: I too find the DSP worthless for suppressing the (built-in!!) noise. It suppresses the noise but indeed also the intelligibility.

Surprisingly a lot of the noise is in the 3KHz+ spectrum and using a good cut-off filter in the LF part works wonders (tested with a good filter at the output). I did a quick-and-dirty fix by adding a R+C feedback to the TDA2003 LF amplifier. 150 Ohms + 470 nF in series between pins 2 and 4. You may need to experiment with these values to get a result you like.

With these values I got rid of most of the high-pitched noise without affecting the audio too much.

I think I stole the idea from a mod I found at mods.dk.

A sharper filter should be better but that would require more modifications.

Kind regards,

Minto pa3bca

----- Original Message -----
From: "wa3pak" <bradburrell@...>
To: <FT897@yahoogroups.com>
Sent: Friday, December 25, 2009 23:00
Subject: [FT897] noise level in new FT-897D

I just received a new FT-897D and am quite impressed with it. I have however noticed that it has a higher noise level than my regular station rig, an Icom IC-718. In a side by side comparison today on 20 meters, there is quite a difference in noise and ability to copy the same station between these two rigs with the Icom being the better receiver.

I love my new rig, but am concerned that the reciever has a higher noise level than I expected. I am sure this has been noted by others.
For those of you more experienced with this transceiver, have you found any tricks or hints that may eliminate or at least reduce the noise level?

I have tried the DSP, but upon engaging that, the noise level drops, but so does the intelligibilty of the signal. It seems to help if I reduce the RF gain a bit. Any other suggestions from the experts to a brand new owner of this incredible little rig?

Many thanks in advance for your insights.

73,
Brad
WA3PAK

28666. What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 02:03:36 UTC
From: Wolfgang Wittmann
Topic: 28666 Message: 28666

After watching youtube video of K7AGE and successfully applying his instructions for getting a first impression of PSK-31 (receiving), I intend to start operating PSK-31.
Asking for recommendations for a suitable (ready made) interface to use PSK-31 with FT987D.
Any special connecting cable(s) needed?
thanks + 73
Wolfgang VK2LKW

See what's on at the movies in your area. Find out now:
http://au.movies.yahoo.com/session-times/

[Non-text portions of this message have been removed]

28667. Re: [FT897] What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 02:30:05 UTC
From: Paul Harris
Topic: 28666 Message: 28667

I am using the SignaLink USB it comes with the cables , and I am using the Data port for input to the rig.Works fine @30 watts and no alc showing on the screen.
Paul KB2VEC

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[Non-text portions of this message have been removed]

28668. Re:Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-29 04:09:58 UTC
From: Tim Seeley
Topic: 28651 Message: 28668

If you go to www.vmware.com and download their virtual server, it will work. One problem with Microsoft's Virtual server is the inability to "share" a USB device, but you can do that with Vmware. Vmware server is free, it's a little more difficult to setup, but it runs faster and has less problems I think. If you want to spend a little $$, you can purchase Vmware desktop which is easier to use, but the free server works fine.

Tim
kc0ujm

[Non-text portions of this message have been removed]

28669. Re: What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 11:31:48 UTC
From: webfootwandere
Topic: 28666 Message: 28669

--- In FT897@yahoogroups.com, Wolfgang Wittmann <wowi2010@...> wrote:
> Asking for recommendations for a suitable (ready made) interface to use PSK-31 with FT987D.

My personal preference is the microHAM USB III. You specify cables when ordering - they are included in the price. The sound card in this unit seems 10X better than my laptop soundcard. No affiliation with microHAM. Just like this product.

Rick - N7WE

28670. Re: [FT897] Re: What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 12:20:17 UTC
From: Trixter aka Bret McDanel
Topic: 28666 Message: 28670

My preference is to do it with a sound card. I have had good results this way, providing the software behind it is good. This also lets you do things other than psk31 if you are into that without having to buy multiple TNCs.

I documented the interface cable, which I made for only a couple dollars in very commonly available parts using the data jack on the back of the radio.

This is not my design, on that page I give credit to the original author, which I believe is one listed on the soundmodem page (a software TNC for linux). The biggest thing I did was list the pins on the data port to connect to (data port is a ps/2 keyboard connector, using a ps/2 keyboard *and* mouse extension cable and cutting that works great).

I use a pl2303 usb->rs232 adapter I got for $5 or so off dealextreme.com, its the most common usb/rs232 chip, and drivers are readily available for every platform. The only thing I cant readily do is pactor due to patents (technically its illegal to do pactor 2 & 3 in a software implementation without a license from SCS). I do have pactor 1 via software though.

http://www.0xdecafbad.com/?p=144

kc2dwq
--
Trixter http://www.0xdecafbad.com Bret McDanel
pgp key: http://pgp.mit.edu:11371/pks/lookup?op=get&search=0x8AE5C721

28671. Re: No S Meter reading on FT897D

Yahoo group: FT897 (2009)
Date: 2009-12-29 12:52:10 UTC
From: Risk
Topic: 28637 Message: 28671

Thanx for your reply Jeff, I appreciate it very much.

I think the relay clean seemed to help a bit actually so cheers to the fellow (sorry haven't got that post up at the moment) who suggested that one. I am now actually getting people to read S9 which is a far cry from before. No one has peaked it over that yet, so I am going to take the set back and get it re-calibrated. Cant hurt and it is still under warranty anyways.

As for RF in the shack, well that is quite a possibility, albeit, I do have a good earth (okay bit hard to really quantify that (without a megger at hand and a relatively good reference point), but I do have a 6ft copper pipe rammed four feet down into the ground outside the room (in this case kitchen/dining area) where my set is. Everything that needs to be earthed (radio/tuner/antennas etc) are earthed back to that point. Nothing is left unearthed or relying on earths from the GPO. So all earths are the same potential. Save setting up a Faraday cage around the gear, there really isn't much more I can do as unfortunately this is the only location in this house I can set this up.

I am in the Royal Australian Navy and I am an Electronics Technician (Communications) so I am likely to be posted elsewhere at a moments notice, thus everything I have done here is temporary as the house is rented. So I have tried to make the best of a poor situation as far as real estate is concerned. But I have to be able to rip everything up in a very short period of time.

Applying the IPO and Attenuator certainly drops the S meter down 2 levels so that much is working. I have applied this with all 3 antennas (Vertical, G5RV and the new Squid Pole Dipole) I have and same results.

I figured as much in regards to your thoughts on AGC, and it certainly acts as you said it should.

The interesting thing about the beeping is that it only occurs when I have a perfect VSWR reportedly from both the set and the antenna tuner (MFJ-948E). I did research this beeping issue before I posted, it appears some people have had a similar issue with beeping which reportedly occurred due to the VHF/UHF antenna being too close to the HF antenna. This could have been an issue, but it has carried over to the Dipole that I have, and in any case I have unplugged the VHF/UHF antenna which should have isolated that issue.

Now the fact that when this occurs the VSWR is perfect and I mean absolutely perfect, tweaked my interest. Reason being, if there was some kind of re-radiation off of any structures nearby, this should have indicated a high VSWR not a low (or next to none) VSWR.

Weird one. Never seen it before. Anything not perfectly bonded to the floating earth on a Warship will certainly re-radiate if in my HF antennas path, and cause the VSWR to that transmitter to go through the roof. Not a safe situation as you can expect. Hence I spend a lot of time running around with a Megger checking the bonding throughout the upper decks.

Anyways, wont bore you any further. Cheers very much for the information Jeff. I really appreciate your prompt reply especially at Xmas.

I hope you and your family maintain a safe merry xmas holiday and a happy new year.

73's to you.

Jason
VK2WAR

28672. Re: What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 14:26:25 UTC
From: john_kb0ne
Topic: 28666 Message: 28672

I'd ditto "SignaLink"... great interface. Use it mainly on the FT-950 but has also been on the 897 (different cable to rig) and can't gripe about anything.

--- In FT897@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> I am using the SignaLink USB it comes with the cables , and I am using the Data port for input to the rig.Works fine @30 watts and no alc showing on the screen.
> Paul KB2VEC
>

28673. Re: Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-29 16:01:42 UTC
From: Richard Head, KDØGDV
Topic: 28646 Message: 28673

The ARRL book, "Emergency Power for Radio Communications" is the best all-around introduction to emergency power situations that I've found. While it's designed for radio power, he also talks about all kinds of emergency power applications around the house and farm. Mike Bryce, the author, is an engineer and a ham. I've seen his posts now and again on the FT817 forum.

Living in a rural area, I really appreciated this book. It's available on Amazon for $15.56. Well worth the money.

73s
Richard
KDØGDV

[Non-text portions of this message have been removed]

28674. Re:Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-29 16:38:18 UTC
From: jdkopke
Topic: 28651 Message: 28674

Thank you. I'll check it out. So I take it I run XP mode on the VM virtual server?

Dave [K0PKE]

28675. Re: [FT897] Re: What interface / cable for PSK-31

Yahoo group: FT897 (2009)
Date: 2009-12-29 19:25:52 UTC
From: Danny Loyd
Topic: 28666 Message: 28675

I use a direct lead from the Data port on the 897 to the soundcard on my laptop. It works great for PSK 31 and other digital modes like SSTV, etc... You just have make sure that your speaker and mic settings are adjusted just right to key and modulate the radio. Also use DIGIPAN software.

Danny
KE5WDI

From: john_kb0ne <wa0lhb@...>
To: FT897@yahoogroups.com
Sent: Tue, December 29, 2009 8:26:25 AM
Subject: [FT897] Re: What interface / cable for PSK-31

I'd ditto "SignaLink". .. great interface. Use it mainly on the FT-950 but has also been on the 897 (different cable to rig) and can't gripe about anything.

--- In FT897@yahoogroups. com, Paul Harris <kb2vec@...> wrote:
>
> I am using the SignaLink USB it comes with the cables , and I am using the Data port for input to the rig.Works fine @30 watts and no alc showing on the screen.
> Paul KB2VEC
>

[Non-text portions of this message have been removed]

28676. Re: Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-29 19:41:24 UTC
From: fred
Topic: 28646 Message: 28676

--- In FT897@yahoogroups.com, "Blaine" <igoguy@...> wrote:
>
> Good morning! I am new to the group, in fact new to ham radio operation, so bear with me . . .
>
> I decided to get into radio because I own two ranches separated by some distance, and need a means of emergency communication. Power outtages lasting hours to weeks are a reality in this area, and I need something to fall back on when computers, landlines and cell towers lose power.
>
> I did quite a bit of reading and online research, and settled on the Yaesu Ft-897 with the FNB-78 batteries. But given the limited operating time on batteries, and my need to communicate when I'm out on my Honda Fourtrax, I know I've got to come up with some kind of alternative charging system when I'm out moving cattle, or headquarters loses power.
>
> Okay, I'll cut to the chase...here are my specific questions:
>
> How do I know what wattage solar panel to buy to charge the FNB-78s? The radio evidently needs to operate at 13.8 volts, so I'm guessing the solar panel voltage needs to at least exceed that.
>
> Do I need to match the amperage output of the panels with the amperage draw of the FT-897 in operation? Where do I find this information?
>
> What kind of solar charge controller do I need to keep from overcharging the Yaesu batteries? Specific makes and models would be helpful.
>
> I've seen several solar cell flexible sheets that can be rolled up for transport. This would be really great! Any recommendations on makes and models for both rollable and rigid solar panels?
>
> And my last question...is anyone familiar with the new technology A123 lithium nanophosphate batteries? I read about them in an online article, and they sound promising. Where can you buy these?
>
> Anyway, that's it for now. I've searched forum posts for solar, and come up with some interesting discussions, but still had the specific questions I could not find an answer to.
>
> BTW, this is an awesome forum! But I could also use some direction to resources on learning ham radio operation. Something along the line of "Ham Radio For Dummies". Thanks!
> -Blaine

Check the archives of this group with the search term "solar charging". I remember earlier this year we were talking about this subject and in particular about charging a bat. while

it's being used and the noise generated, etc.
I have been looking at a portable solar panel made by Sunwize. It has a nice fold-up case and vinyl protective pouch. You also have the doubler option that will double the output.
Fred
k6kub
>

28677. Filters

Yahoo group: FT897 (2009)
Date: 2009-12-30 03:53:45 UTC
From: MASH
Topic: 5358 Message: 28677

Hi All:
A mentee has asked me a question I would like to turn over to this list. Will the InRad #94 8830 2.1kc and Kenwood YG455C-1 filters work on the FT-897D?
73, Cliff, AC6C
--
MASH
mash4077@...

--
http://www.fastmail.fm - Accessible with your email software or over the web

[Non-text portions of this message have been removed]

28678. Re:noise level in new FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 14:58:55 UTC
From: David Okrent
Topic: 28649 Message: 28678

I switched from a Kenwood TS-440SAT and found the noise level on the FT-897 to be higher. The DSP helps a little, but in my opinion not much. Mostly adjusting the RF Gain helps. I bought the FT to have hf, vhf and uhf in one unit, but I think the much older TS-440SAT was more user friendly and had a better reciever.

Work Email: david.a.okrent@...
Home Email: dokrent@...

28679. Re:Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-28 15:01:14 UTC
From: David Okrent
Topic: 28651 Message: 28679

I have the Prolific Serial to USB cable and after an exhaustive search I found the Windows 7 drivers. The only significant drawback is that with HRD it seems very senstive to what USB port I am plugged into. It seems to only work with HRD on one specific USB port.

Work Email: david.a.okrent@boeing.com
Home Email: dokrent@...

28680. Re: What are the symptoms of a blown final?

Yahoo group: FT897 (2009)
Date: 2009-12-28 19:53:14 UTC
From: mallrat_ld90
Topic: 28622 Message: 28680

Definitely not a blown final for you. You wouldn't be getting 20w out, it would be more like 2 if they were blown, with one blown, (and this is not exact since I have not looked at the schematic for a while) but you would get 1/2 the power of what you set with one bad and one good, but I have also never seen one bad, it is generally two or nothing.

Test it with an am/fm/cw carrier into your watt meter. In case the radio doesn't give you the real info, but when I blew mine once, it let me know on the 897 display I was outputting nothing, but they blew to open, if it blows to short, I would guess the same thing would happen, but I don't know without looking.

Either way, if you set 20 and got 20, your good, and it does sound like conditions. I have been having the same stuff happen constantly lately. 10-20 second cw contacts is getting ridiculous with how often it is happening.

--Ryan w8cya

--- In FT897@yahoogroups.com, "willgord" <willgord@...> wrote:
>
> Have used my 897D for about a year now. In the past few weeks, I find myself no longer getting noted in pile-ups and find it hard to hear stations the way I used to.
>
> Have been running PSK31 a lot lately, at 20 watts on 20 meters. Stations hear me and respond, but their signal fades after a brief exchange.
>
> Finally, the meter reading for power seldom goes more than midway across the scale.
>
> Described all these symptons--especially what looks like a low power reading--to a veteran ham who laughed and said, "you've got a blown final." Another ham said what did I expect to happen when I ran a 100% duty cycle mode like PSK31--even at 20 watts.
>
> So, does it sound like a blown final--or just bad band conditions that make it harder to make and complete contacts. I am a fairly new and can use all the help and advice I can get.
>
> Gordon
> K2GLW
>

28681. Re: [FT897] Solar charging FNB-78 batteries for an FT-897D

Yahoo group: FT897 (2009)
Date: 2009-12-28 23:14:51 UTC
From: Henry Vo
Topic: 28646 Message: 28681

Why don't you buy yourself a Honda generator....and hire some electrician to setup a back up system when your regular power fail...It works for me....

-Henry

--- On Mon, 12/28/09, Dean Gibson AE7Q <yahoo@...> wrote:

From: Dean Gibson AE7Q <yahoo@...>
Subject: Re: [FT897] Solar charging FNB-78 batteries for an FT-897D
To: FT897@yahoogroups.com
Date: Monday, December 28, 2009, 11:19 AM

Sounds good! For the emergency purposes you state, the regular batteries should do just fine. If you need more capacity, just be sure that you don't use the radio in the course of your farming business ... you can use it to communicate w/ your family for non-business purposes, but not with co-workers for business purposes.

Amateur radio has a huge amount of spectrum space that other (business) services would like to use, and the best way we can keep that from happening is to adhere to the rules, and not give those that want to use the spectrum, a cause for complaint.

-- Dean

> _____ _____ _____ __
> From: Blaine <igoguy@hotmail. com>
> To: FT897@yahoogroups. com
> Sent: Sun, December 27, 2009 7:27:58 AM
> Subject: [FT897] Solar charging FNB-78 batteries for an FT-897D
>
>
> Good morning! I am new to the group, in fact new to ham radio operation, so bear with me . . .
>
> I decided to get into radio because I own two ranches separated by some distance, and need a means of emergency communication. Power outtages lasting hours to weeks are a reality in this area, and I need something to fall back on when computers, landlines and cell towers lose power.
>
> I did quite a bit of reading and online research, and settled on the Yaesu Ft-897 with the FNB-78 batteries. But given the limited operating time on batteries, and my need to communicate when I'm out on my Honda Fourtrax, I know I've got to come up with some kind of alternative charging system when I'm out moving cattle, or headquarters loses power.
>
> ...
> -Blaine

>

[Non-text portions of this message have been removed]

28682. RE: [FT897] Re:Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-30 08:06:57 UTC
From: Scot Jones
Topic: 28651 Message: 28682

Hi,

Within VM you would run XP (or any other OS you fancy) you would install that OS as if it were a new computer. VM makes a computer on your computer

The issue you may have is that you need that OS too install. So you would need the XP disc and relivant licensing.

Hope that helps

Scot
M1AFY

-----Original Message-----
From: "jdkopke" <jdkopke@...>
To: FT897@yahoogroups.com
Sent: 29/12/09 16:38
Subject: [FT897] Re:Windows 7 X64

Thank you. I'll check it out. So I take it I run XP mode on the VM
virtual server?

Dave [K0PKE]

28683. INRAD Filter Sale

Yahoo group: FT897 (2009)
Date: 2009-12-30 12:51:40 UTC
From: k4bp
Topic: 28683 Message: 28683

1 day only INRAD sale. New years day filter sale, see
http://www.inrad.net/inrad.php?mode=announce for full info.

Jeff
K4BP

28684. Re:Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-30 13:37:41 UTC
From: rschaffrath
Topic: 28651 Message: 28684

It might be a hardware problem with insufficient voltage on the USB ports that fail to work.

I use the Prolific 64-bit driver with a Toshiba Satellite running Windows 7 and I have not had any problems with the three ports on this computer. I have two Prolific based serial cables; one for the FT-897D and another for my VX-7R that I use with VX7Commander.

I have been using the Windows X64 architecture since the initial release of Windows XP X64 edition and I am still surprised at the lack of 64-bit driver support for many common devices. I was very happy to see Prolific supporting the 64-bit architecture even back then and wound up scrapping the Belkin F5U109 serial adapter I used to use with my VX-7R because I could not get 64-bit drivers for it.

Robert, N2JTX

--- In FT897@yahoogroups.com, "David Okrent" <dokrent@...> wrote:
>
> I have the Prolific Serial to USB cable and after an exhaustive search I found
> the Windows 7 drivers. The only significant drawback is that with HRD it seems
> very senstive to what USB port I am plugged into. It seems to only work with
> HRD on one specific USB port.
>
>
> Work Email: david.a.okrent@...
> Home Email: dokrent@...
>

28685. Re: [FT897] Filters

Yahoo group: FT897 (2009)
Date: 2009-12-30 14:08:36 UTC
From: af2c@njdxa.org
Topic: 5358 Message: 28685

Cliff -

Try going to the InRad site and check if the stock# is the same for both rigs.

73,
Jay/AF2C

At 07:53 PM 12/29/2009 -0800, you wrote:
>
>
>Hi All:
>A mentee has asked me a question I would like to turn over to
>this list. Will the InRad #94 8830 2.1kc and Kenwood YG455C-1
>filters work on the FT-897D?
>73, Cliff, AC6C
>--
>MASH
><mailto:mash4077%40mailsent.net>mash4077@...

[Non-text portions of this message have been removed]

28686. How much power should my 897D put out?

Yahoo group: FT897 (2009)
Date: 2009-12-31 00:52:13 UTC
From: willgord
Topic: 28686 Message: 28686

I realize my rig will never put out the full listed 100 watts. but what would be a "normal" level of power given an SWR just a tad over 1.5. I am running barefoot, no amp. I am limited by having a screwdriver antenna inside my apartment with a counterpoise, cut quarter-wave for 20m hanging out the window.

Thanks and Happy New Year to all.

Gordon
K2GLW

28687. Multi Function Row

Yahoo group: FT897 (2009)
Date: 2009-12-30 08:47:08 UTC
From: dniitani
Topic: 28687 Message: 28687

Aloha All,

My display does not show the multi function row after holding down the function key. It only shows the menu modes on the display. Did I press the wrong button somewhere?

Much Mahalos in advance,

Darrel WH7UY

28688. Re: [FT897] Filters

Yahoo group: FT897 (2009)
Date: 2009-12-30 17:49:05 UTC
From: Dennis Frank
Topic: 5358 Message: 28688

From: "af2c@..." <af2c@...g>
To: FT897@yahoogroups.com
Sent: Wed, December 30, 2009 8:08:36 AM
Subject: Re: [FT897] Filters

Cliff -

Try going to the InRad site and check if the stock# is the same for both rigs.

73,
Jay/AF2C

At 07:53 PM 12/29/2009 -0800, you wrote:
>
>
>Hi All:
>A mentee has asked me a question I would like to turn over to
>this list. Will the InRad #94 8830 2.1kc and Kenwood YG455C-1
>filters work on the FT-897D?
>73, Cliff, AC6C
>--
>MASH
><mailto:mash4077% 40mailsent. net>mash4077@mailsent. net

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

28689. Re: [FT897] Multi Function Row

Yahoo group: FT897 (2009)
Date: 2009-12-31 03:13:32 UTC
From: Joe
Topic: 28687 Message: 28689

Don't hold the button down for the Function menus. Just tap it. When you depress the Function button for 1 second, it goes to menu mode.

Joe Wolfe
WA6RKN
Reno, Nevada

----- Original Message -----
From: "dniitani" <dniitani@...>
Subject: [FT897] Multi Function Row

> Aloha All,
>
> My display does not show the multi function row after holding down the
> function key. It only shows the menu modes on the display. Did I press
> the wrong button somewhere?

28690. Re: [FT897] Multi Function Row

Yahoo group: FT897 (2009)
Date: 2009-12-31 03:22:36 UTC
From: Harold Burton
Topic: 28687 Message: 28690

One must hold down the function key to access the menus. Try a quick press
of the button
and turn the small select knob, that should get the multi function row
selections. Watch the S
on the display, the quick press of the function button should change the S
to MF1, then rotate the select knob to change the multifunction row options.

Harold
KD5SAK

----- Original Message -----
From: "dniitani" <dniitani@...>
To: <FT897@yahoogroups.com>
Sent: Wednesday, December 30, 2009 2:47 AM
Subject: [FT897] Multi Function Row

> Aloha All,
>
> My display does not show the multi function row after holding down the
> function key. It only shows the menu modes on the display. Did I press
> the wrong button somewhere?
>
> Much Mahalos in advance,
>
> Darrel WH7UY
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

28691. Microphone Gain / Power Setting

Yahoo group: FT897 (2009)
Date: 2009-12-31 09:45:57 UTC
From: wowi2010
Topic: 28691 Message: 28691

There are no stupid questions, but there are stupid people asking questions. Here we go: What is the effect of microphone setting on the transmission power? If I set mic gain on 50% and TX power on 100% what is the actual transmission power than? Is it same as mic on 100% and TX power on 50%?
Tks+73
Wolfgang VK2LKW

28692. Re: [FT897] Microphone Gain / Power Setting

Yahoo group: FT897 (2009)
Date: 2009-12-31 10:39:32 UTC
From: Richard Corfield
Topic: 28691 Message: 28692

wowi2010 wrote:
>
>
> There are no stupid questions, but there are stupid people asking
> questions. Here we go:
> What is the effect of microphone setting on the transmission power? If
> I set mic gain on 50% and TX power on 100% what is the actual
> transmission power than? Is it same as mic on 100% and TX power on 50%?
> Tks+73
> Wolfgang VK2LKW
>

It probably would be the same for SSB signals, but only as long as no stages in the amplification process from microphone to transmitted signal reach any of their limits. For an FM signal, an AM signal or a CW signal (OK, no mic in that one) then the TX power setting more directly effects TX power.

In any system with multiple "gain stages", stages of amplification, you want to run each stage at the right level. It's the best way to reduce noise and to prevent overload at any stage. Run a stage too loud and it will clip and distort which is very bad in amateur radio. Run it too quiet and the next stage has to work harder and can introduce noise (OK, a small amount on the scale of things. This is amateur radio not studio sound.)

When you're transmitting FM then the power of the carrier is set by your TX power setting. Mic gain controls the deviation of the signal - how far either side of the nominal carrier frequency the modulated carrier swings. In an FM system the mic gain will directly effect how loud you sound to the person listening regardless of whether or not you are giving them a strong signal or a weak signal, so unlike with SSB where the auto-gain-control will keep the receiver volume steady, with FM the mic gain setting is more important.

Your best bet is to set the mic gain properly. Then in whatever mode you work it will be right. Also features such as Auto Level Control will work correctly and the TX power setting will give a good indication of the actual TX power you will use.

I hope this helps

- Richard M0RJC

28693. Re: Microphone Gain / Power Setting

Yahoo group: FT897 (2009)
Date: 2009-12-31 10:42:43 UTC
From: g8hul
Topic: 28691 Message: 28693

--- In FT897@yahoogroups.com, "wowi2010" <wowi2010@...> wrote:
>
> There are no stupid questions, but there are stupid people asking questions. Here we go:
> What is the effect of microphone setting on the transmission power? If I set mic gain on 50% and TX power on 100% what is the actual transmission power than? Is it same as mic on 100% and TX power on 50%?
> Tks+73
> Wolfgang VK2LKW
>

The mic gain goes not have any effect on the max power out of the radio. Set the radio for 100W and you will get a max of 100W, set it for 50W and you will get a max of 50W.

However, the mic gain will determine whether you achieve that max power with a particular voice level and microphone, or whether you over drive the radio and cause distortion and splatter.

The mic gain needs to be set such that you achieve the max power, but do not over-drive any of the stages in the radio.

73
Jeff

28694. Re: Microphone Gain / Power Setting

Yahoo group: FT897 (2009)
Date: 2009-12-31 11:25:15 UTC
From: g8hul
Topic: 28691 Message: 28694

> It probably would be the same for SSB signals, but only as long as no
> stages in the amplification process from microphone to transmitted
> signal reach any of their limits. For an FM signal, an AM signal or a CW
> signal (OK, no mic in that one) then the TX power setting more directly
> effects TX power.

For SSB I don't think that is correct; setting the o/p power to 50% (=50W) would cause the ALC to attempt to limit the power to 50W regardless of mic gain settings. There may well be some short transient over-shoot, but the ALC will very quickly wind the power down. Too much mic gain will cause distortion, but still at 50W, too litle will mean that you do not achieve the max o/p power.

Things are also not that simple due to intentional limiting/compression in the mic stages designed to stop overdriving of the transmitter. There is as max audio drive level available regardless of gain setting, the distortion just gets worse.

In FM the carrier power will be whatever you set it to be and the mic gain will effect the deviation. However, the max deviation is set by a control that is not the mic gain. Due to limiting in the mic stages the max deviation is set after the limiter. Consequently too little mic gan will result in under deviation, but too much mic gain will not result in over deviation it will result in distortion due to excesive clipping. (unless the internal deviation control is set too high).

This is why reducing the mic gain (or talking furher from the mic) is not a satisfactory solution to over deviation reports. It is the max dev setting that should be changed. Otherwise the next time the mic gain is changed, or you talk louder or closer to the mic, the over deviation will be back.

The max dev setting should be set such that the deviation is correct when the mic stages are just in limiting, then it will be impossible to over deviate, the mic gain in then used to bring the audio level just up to limiting on peaks.

73
Jeff

28695. Re: [FT897] Re: Microphone Gain / Power Setting

Yahoo group: FT897 (2009)
Date: 2009-12-31 16:29:19 UTC
From: Richard Corfield
Topic: 28691 Message: 28695

The case when running mic at 50% and power at 100% giving 50% out was a very simplified case assuming no ALC or othe non-linearities taking effect. It could be achieved - as in you can set the radio to "100W" and crank down the mic gain until your external power meter shows a 50W SSB signal being transmitted. It's an odd thing to do.

There was a conversation here not long about about deliberately running the radio like this in digital modes where you have the control to make sure you're below ALC level. I argued that it was best to run the input just below ALC threshold and use the power setting to set power - ALC not being good for digital but being good for voice. I ought to have a go at some measurements some time on this - time being of the essence!

I don't believe the ALC will "compress up" on the 897. Another conversation earlier on this group suggested that the "Voice Processor" didn't do a that good a job of it. I did some experiments with a stage vocal mic in a desk stand through a "Behringer Shark 110" compressor and got good audio reports.

I tend to use the modulation depth meter on the 897 when adjusting or deciding how close to talk to the mic. I have the external home-made "FT-Meter" to show SWR on transmit.

- Richard

g8hul wrote:
>
>
>
> > It probably would be the same for SSB signals, but only as long as no
> > stages in the amplification process from microphone to transmitted
> > signal reach any of their limits. For an FM signal, an AM signal or
> a CW
> > signal (OK, no mic in that one) then the TX power setting more directly
> > effects TX power.
>
> For SSB I don't think that is correct; setting the o/p power to 50%
> (=50W) would cause the ALC to attempt to limit the power to 50W
> regardless of mic gain settings. There may well be some short
> transient over-shoot, but the ALC will very quickly wind the power
> down. Too much mic gain will cause distortion, but still at 50W, too
> litle will mean that you do not achieve the max o/p power.
>
> Things are also not that simple due to intentional
> limiting/compression in the mic stages designed to stop overdriving of
> the transmitter. There is as max audio drive level available

> regardless of gain setting, the distortion just gets worse.
>
> In FM the carrier power will be whatever you set it to be and the mic
> gain will effect the deviation. However, the max deviation is set by a
> control that is not the mic gain. Due to limiting in the mic stages
> the max deviation is set after the limiter. Consequently too little
> mic gan will result in under deviation, but too much mic gain will not
> result in over deviation it will result in distortion due to excesive
> clipping. (unless the internal deviation control is set too high).
>
> This is why reducing the mic gain (or talking further from the mic) is
> not a satisfactory solution to over deviation reports. It is the max
> dev setting that should be changed. Otherwise the next time the mic
> gain is changed, or you talk louder or closer to the mic, the over
> deviation will be back.
>
> The max dev setting should be set such that the deviation is correct
> when the mic stages are just in limiting, then it will be impossible
> to over deviate, the mic gain in then used to bring the audio level
> just up to limiting on peaks.
>
> 73
> Jeff
>
>

28696. Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-31 16:39:21 UTC
From: Edward Thorpe
Topic: 28607 Message: 28696

I managed to interface the iPod Touch to radio audio and have had limited success receiving PSK-31. The interface was through the audio jack and strange things can happen I suppose because the audio jack also implements certain control signals to the iPod (and iPhone I presume). That said, I am unimpressed with the decoding of anything but very strong signals. I don't think I'll throw away my computer for PSK just yet. The app is, however, proof of concept and hopefully performance will be improved. At some point I will try an interface through the docking connector. I have found a source of connectors and prototyping boards.

Ted Thorpe, VE3HPL

[Non-text portions of this message have been removed]

28697. Re: Windows 7 X64

Yahoo group: FT897 (2009)
Date: 2009-12-31 17:14:30 UTC
From: jdkopke
Topic: 28651 Message: 28697

Scott,

Thanks. I DL'd it now I just have to configure it.

Dave [K0PKE]

28698. Re: [FT897] Re: PSK31 with iPhone

Yahoo group: FT897 (2009)
Date: 2009-12-31 20:42:43 UTC
From: Damien Gardner Jnr
Topic: 28607 Message: 28698

I don't know how good a test mine was, but I just sat my iPhone on top of my notebook, and had it throw a paragraph or two out with DM780 in psk31 mode.. gotta say i was pretty completely unimpressed! - even the slightest bit of background noise would kill off it's very slight bit of accuracy.. And lord knows HF sure has a lot of background noise! I think I'll stick with DM780 :-p it's not like the portege really weighs much more than the iphone, especially when you take all the rest of the gear related to the radio into account :)

Cheers,

DG

Damien Gardner Jnr
VK2TDG. Dip EE. GradIEAust
rendrag@... - http://www.rendrag.net/
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We rode on the winds of the rising storm,
We ran to the sounds of thunder.
We danced among the lightning bolts,
and tore the world asunder

On 01/01/2010, at 3:39 AM, Edward Thorpe wrote:

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> -----
> Ted Thorpe, VE3HPL
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> Yahoo! Groups Links
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